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**TM 12-405**

WAR DEPARTMENT TECHNICAL MANUAL

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**OFFICER CLASSIFICATION—  
COMMISSIONED AND WARRANT:  
CLASSIFICATION AND CODING  
OF CIVILIAN OCCUPATIONS**

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WAR DEPARTMENT • 30 OCTOBER 1943

W A R D E P A R T M E N T T E C H N I C A L M A N U A L  
T M 12-405

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# OFFICER CLASSIFICATION— COMMISSIONED AND WARRANT: CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

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This manual, together with TM 12-206, 30 October 1943 and TM 12-207, 30 October 1943, supersedes AR 605-95 (Tentative) 19 January 1943, including Supplement I thereto, 18 March 1943 and memorandum No. W605-22-43. 15 May 1943.



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WAR DEPARTMENT,  
WASHINGTON 25, D. C., 30 October 1943.

TM 12-405, Officer Classification—Commissioned and Warrant: Classification and Coding of Civilian Occupations, is published for the information and guidance of all concerned.

[A. G. 300.7 (7 Sep 43).]

BY ORDER OF THE SECRETARY OF WAR:

OFFICIAL:

J. A. ULIO,  
*Major General,*  
*The Adjutant General.*

G. C. MARSHALL,  
*Chief of Staff.*

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(For explanation of symbols see FM 21-6.)

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# SECTION I

## INTRODUCTION TO OFFICER CIVILIAN CLASSIFICATION

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**1. PURPOSE.** This manual presents in detail a method of classifying officers according to civilian occupational skills. The accurate classification of officers, nurses, warrant officers, and other commissioned personnel is essential to procurement and assignment on the basis of specific abilities, and to the transfer of qualified officers from one to another arm or service. Accurate classification makes possible efficient wartime requisitioning of qualified officers and will later assist in a well-ordered demobilization and post-war readjustment.

**2. PRINCIPLES OF CLASSIFICATION.** The word classification may be variously interpreted. However, the term as used in this manual refers to the identification of an officer's civilian occupational experience by means of a standardized code system. Ordinarily, job identification, in industry as well as in Government, is made by title. However, wide variations in meaning and interpretation of these titles make this device unsuitable where exactness and uniformity are desired.

The method of classification described in this man-

ual is based upon an analysis of a man's job functions and a description of those functions in terms of a numerical code. In order, therefore, to assign an accurate code number to a man on the basis of his experience, the following steps must be taken:

Step 1. From material already recorded during a previous interview, or from information gained through a new interview, ascertain the general occupational background.

Step 2. Analyze the information thus gained to determine the area of specialization within the occupational field.

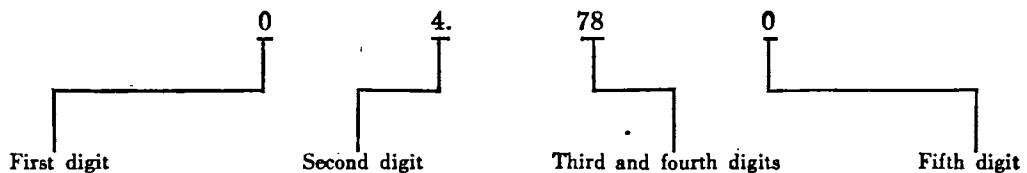
Step 3. Determine, by further analysis, the specific nature of the work performed.

However, the final code number does not yield a descriptive job title. Where such titles are required, the classifier should use the generally accepted title which most nearly describes the occupation being classified. For example, the code structure requires that the occupation of mining engineer be specifically coded by specialization and function. For title purposes alone, however, the description mining engineer is adequate.

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### CODING STRUCTURE FOR GROUP "A"

(Skilled, unskilled, clerical, or sales)



Group "A": first digit "0" indicates the skilled, unskilled, clerical, and sales group. To properly determine in which group the experience should be coded, see paragraph 4.

Major area: in this case "Manufacturing."

The second digit codes the major occupational area as—

- 1—Clerical and sales.
- 2—Service.
- 3—Agricultural, fishery, and forestry.
- 4 and 5—Manufacturing and related activities.
- 8 and 9—Indicates unskilled jobs within each industrial or occupational field. (See par. 9.)

Industrial or occupational field: in this case "Metal Work."

The third and fourth digits show the industrial or occupational field within which a particular job is found, as 01.00 through 01.49—clerical; 01.50 through 01.59—sales; 04.71 through 04.95—metal working; 05.23—05.33—construction.

The job group: in this case, "Engine lathe operator."

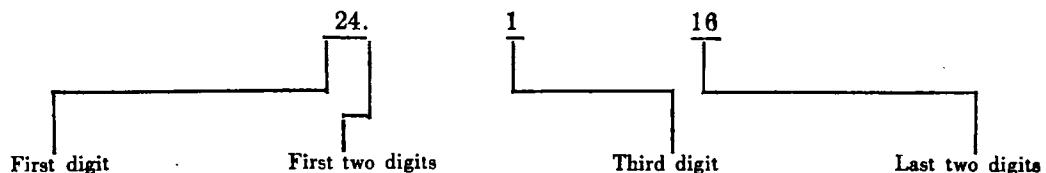
The last digit (in conjunction with the other four digits) indicates a particular group of typical jobs under the industrial or occupational field.

In cases where the particular job is not listed, a code number is provided for all other miscellaneous jobs in that field, and another code number is provided for all unskilled jobs.

FIGURE 1.

### CODING STRUCTURE FOR GROUP "B"

(Professional, managerial, and technical)



Group "B": first digit "1" through "9" indicates professional, managerial, and technical occupation. To properly determine in which group the experience should be coded, see paragraph 4.

Professional or occupational area: In this case, "Medicine, dentistry, or veterinary medicine." The first two digits code professional area as—

- 12—Physiology
- 13—Biology
- 14—Nutrition
- 25—Optometry
- 33—Physics and Astronomy
- 40—Civil Engineering
- 52—Mechanical engineering. The professional or occupational area can be located by referring to the Table of Contents and the Alphabetical Index.

Kind of experience: in this case, "Practice." The third digit shows kind of experience, such as Research and Consulting, and Teaching, as listed under each professional field. If this middle digit were "8" instead of "1" it would indicate a research worker rather than a practitioner.

The function or kind of experience varies with each professional or occupational group.

Specialization: in this case—

"Ophthalmology (eye specialist)."

Fields of specialization as indicated by the last two digits are shown under each professional or occupational field. In order to classify and locate specialists for the needs of the Army, it is important to code under the specialization if possible.

FIGURE 2.

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

Accurate classification of officers by means of the coding structure discussed in this manual depends upon—

a. A complete discussion of the officer's training and experience in order to determine the pertinent facts concerning the officer's occupational history. In many cases it will be necessary to reinterview officers in order to assign an accurate code number on the basis of their civilian experience and skill.

b. Thorough study and understanding of the code structure presented, and of the underlying principles of the system. (Particular attention should be given section II.)

c. Complete understanding of the purpose of officer classification as set forth in paragraph 1. Accurate classification makes the information necessary to effect these aims available to all echelons through machine records cards or other means.

**3. CODING STRUCTURE.** The code group used for each occupational classification consists of a five-digit number. The first two digits indicate the general area of occupational experience, the final two digits indicate the area of specialization, and the middle digit indicates the special function within the area of specialization. For purposes of clarity, the function of the middle digit will be discussed after that of the other digits. Civilian occupations are divided into two broad groups as follows:

a. **Group "A".** Includes skilled, semiskilled, unskilled, clerical, and general sales occupations; they will always carry "0" as the first digit. The four digits which follow the first digit "0" are derived from the "Dictionary of Occupational Titles."<sup>1</sup> Figure 1 diagrams in detail the code structure for Group "A."

b. **Group "B".** Includes professional, managerial, and administrative occupations; they are always indicated by using the numbers "1" through "9" as the first digit. In the main, the complete five-digit code grouping follows code structure used by "The National Roster of Scientific and Specialized Personnel." Figure 2 diagrams in detail the structure of this coding system. The industrial classification (Code Groups "15" through "19"; "26" through "28"; "31" through "32"; "37"; and "44")

in Group "B" is derived from the Standard Industrial Classification Manual.<sup>2</sup>

**4. METHOD OF DETERMINING MAJOR GROUP.** The determination of the group in which an officer's vocation should be coded is dependent upon an adequate interview, and the consideration of such factors as—

a. **Job Title.** "Statistical Clerk" would be considered clerical (Group "A") and "Statistician," professional (Group "B").

b. **An Accurate Description of Duties Performed.** "Kept the books and balanced ledger sheets" should indicate classification under "Clerical and Sales Occupations" (Group "A"); while "analyzed budgets and determined financial policy" should indicate classification under "Accounting" (Group "B").

c. **Training, Education, or Experience Required for Civilian Occupation.** A stock clerk, whose work required relatively little experience, training, or education, would be classified under Group "A"; while a physicist whose work required a college education would be classified under Group "B."

All of the above factors should be considered in determining the proper classification level of the individual officer's experience. Some jobs accurately classified under Group "A" require long training and apprenticeship, such as machinist, tool maker, farmer, and others. However, such occupations are skilled rather than professional, managerial, or administrative. In the final analysis, it is the level of competence or skill which determines the group in which the experience should be classified. Thus, most farmers would be classified within Group "A" (03.000 through 03.499), while a few farmers on the basis of specialized training or education (horticulture, agronomy, and other specialties) would be coded under Group "B" (90—"Plant Pathology, Horticulture, and Agronomy" or 92—"Animal Sciences"). Proper classification of officers depends upon a good interview, the sound judgment of the classification officer, and comprehension of the purpose of classification. Some further examples of the basis for differentiating between the two general groups follow:

<sup>1</sup> *Dictionary of Occupational Titles*, United States Department of Labor, United States Employment Service, Government Printing Office, Washington, 1939.

<sup>2</sup> *Standard Industrial Classification Manual, Volumes I and II*, Executive Office of the President, Bureau of the Budget, Government Printing Office, Washington, 1942.

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

**(1)** A "Statistical Clerk" would be coded as 01.360 (Group "A") while a "Statistician" would be coded under "34—Mathematics and Statistics," (Group "B") with closer attention given to the specific function and type of statistics. Thus, a professor of statistics in the field of general agricultural economics would be coded 34.450; a statistician specializing in computing methods in the analysis of marine insurance would be coded 34.694.

**(2)** A retail automobile salesman would be coded 01.800 while a sales manager for an automobile distributor would be coded 31.391 or 31.091 depending upon his particular specialization; that is, distribution or management.

### **5. METHOD OF CODING GROUP "A".** When the civilian experience (skilled, semi-skilled, unskilled, clerical, or sales) falls within this group the proper code is determined as follows:

**a.** Section II, "Occupational Group Structure—Numerical" should be consulted for the major area within which the occupation occurs. Thus, "Production of Textiles 04.140 through 04.199" is found under "Manufacturing and Related Occupations." Weaving occupations would be found under this group. However, if an occupational group cannot be located by use of "Section II," the "Alphabetical Index" should be consulted. For example, a "Weaver" would be found under Weaving Textile Occupations. Since the index has been expanded to include as many specific occupations as possible, "Weaver" would also be located under "Weaving Textile Occupations," for example, "Textile Weaving Occupations—04.15" and "Weaving Occupations—04.15."

**b.** Under the Industrial Group Heading in section III, according to group code given above, a listing of representative jobs is shown, together with the code number. For example, under the group heading 04.15 are listed representative jobs in this field:

- 04.150—Weavers
- 04.153—Loom changers
- 04.157—Loom fixers
- 08.150—All unskilled laboring jobs in this process

Thus a "Weaver" would be given the code "04.150."

**c.** If the officer's civilian job is not found among the jobs listed and his experience is in this field, reference should be made to the special code covering miscellaneous jobs given at the end of the list together with a code number for all unskilled jobs in this field. Unskilled occupations will automatically

fall within Group "A," that is, an "0" digit grouping. Within each occupational grouping in this field, provision is made for classifying unskilled jobs by use of the second digit, "8" or "9." For example, 09.220 under "Extraction of Minerals," page 32, is the code number for unskilled laboring jobs in this process, while on page 29 under "Production of Ferrous and Nonferrous Metals" 08.920 is the proper code number for unskilled labor in this field. Similar code numbers accompany every occupational grouping.

Examples (see fig. 1):

If an officer's civilian job was lathe operation, his proper code can be found by referring to the index, either for the job-title, "Lathe Operator," or a more general title, "Machine Operator" or "Machine Shop and Related Occupations." Reference is made to "04.78—Machine Shop and Related, n. e. c. (not elsewhere classified)" where various machine operator jobs are listed by code numbers. If, however, the particular job is not listed under this group and the officer's civilian experience was in machine shop work, he would be coded under the title "04.799—Miscellaneous Machine Shop Jobs," or if unskilled, under the code "08.780—All unskilled laboring jobs in this process." It has proven impractical to include every occupation in the "Alphabetical Index," and occupations such as "Waterproofers" or "Dredgers" will be found under "Construction, n. e. c." Thus a "Waterproofer" is found listed under "Construction, n. e. c.—05.32" and would be coded "05.331." The alphabetical index is not intended to be exhaustive or complete; it is not an independent tool, but an aid to the use of the manual, and should always be used in conjunction with the material to which it refers.

### **6. METHOD OF CODING GROUP "B".** When the civilian experience falls within this group (professional, managerial, or administrative) the proper code is determined as follows:

**a.** Section II, "Occupational Group Structure—Numerical" should be consulted for the major area within which the occupation occurs; if the occupation cannot be found by this method, the Alphabetical Index should be used. It should be emphasized, however, that section II gives a broader picture of the Group "B" coding structure as a whole and should be used in preference to the Alphabetical Index.

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

b. Civilian occupations on the professional, managerial, or administrative level (Group "B") are broken down by the first two digits into such general fields as Medicine, Civil Engineering, Electrical Engineering. Thus, the first two digits "24" indicate the field of Medicine, Dentistry, and Veterinary Medicine; the first two digits "40" indicate Civil Engineering; the first two digits "51" indicate Electrical Engineering.

c. The last two digits in Group "B" code numbers indicate the field of specialization. For example, under medicine, which would be identified by the first two digits "24," the last two digits "26" indicate obstetrics, the last two digits "10" indicate general surgery, and the last two digits "01" indicate aviation medicine. Thus a five-digit code group beginning 24 and ending with 17 indicates a medical man in the field of dermatology. Similarly, under electrical engineering, indicated by the first two digits "51," the last two digits indicate the field of specialization. The last two digits "02" indicate insulating materials; the last two digits "11" indicate batteries; the last two digits "43" indicate small power units; and the last two digits "35" indicate X-rays. Thus a code number beginning 51, and ending with 02 indicates an officer with electrical engineering experience, specializing in the field of insulating materials, while a code number beginning 51, and ending with 35 shows an electrical engineer specializing in the X-ray field.

d. The third, or middle, digit of the code number indicates the special activity or *function* performed in the field of specialization. A list of such functions together with the appropriate code numbers to be substituted for the "x" given in each code will be found under the major field. It will be noted that the functions are not the same for all occupational fields, and that only the functions shown for the specific field under consideration should be used. The following functions, for example, are listed under Electrical Engineering—51:

- 0 General (two or more functions including administration)
- 1 Operation
- 2 Editing and Writing
- 3 Consulting
- 4 Research
- 5 Teaching (college level)
- 6 All semiprofessional functions (including technicians)
- 7 Construction
- 8 Design
- 9 Other

(1) "0-General (two or more functions)" is to be used only when an officer's civilian experience has been extremely broad and where it would be difficult to indicate a specific function. For example, most college professors have performed a certain amount of research work. However, since *teaching* was the main function, function "5-Teaching (college level)" should be indicated. On the other hand, if the experience has been primarily in the field of *research*, with teaching more or less secondary to this, then the function "4-Research" should be indicated.

(2) When the function performed by the officer does not appear in the list, use "9" as a middle digit.

(3) As in most other occupations, all italicized fields of specialization under "Electrical Engineering" begin with the term "General." However, this term is to be used only when the experience includes two or more of the fields of specialization within an italicized title.

(4) When the experience has been in two or more italicized fields within "Electrical Engineering," and justice cannot be done by coding with a single italicized field, then the last two digits "98" should be used. However, it is far better to give an officer a specific number within the coding structure than to use this nonspecific classification.

(5) The last two digits "97" (in this case, beginning with 51) are used for students (either a fourth-year college or graduate student who does not indicate a specialized field).

Example (see fig. 2):

The code 24.116 indicates a physician specializing in the treatment (practice) of defects and diseases of the eye. If the code were 24.816 it would indicate research in the same field. The code 51.743 indicates an electrical engineer with experience in constructing small power plants. In the case of an individual who has had more than one kind of experience within a particular field, the type of experience he seems best qualified for should be coded. If he is equally well qualified for two or more kinds of experience, the most valuable one should be coded. If his experience is so general as to make it difficult or impossible to code in one specialized field, he should be coded by a group beginning with 51 and ending 98—that is, as experienced in two or more of the italicized fields in "Electrical Engineering".

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

**7. CLASSIFICATION OF FEMALE PERSONNEL.** This manual adequately covers all occupations for women. Where masculine titles are applicable to women, the same code shall be used. For example, women who performed such civilian occupations as "Servicewoman," "Repairwoman," or "Waitress" will be coded the same as "Serviceman," "Repairman," or "Waiter," respectively. In addition, many civilian occupations performed primarily by women have been added to this manual, such as "Medical Secretary," "Nursemaid," and "Governess."

**8. COLLEGE STUDENTS AND THOSE WITHOUT OCCUPATIONAL EXPERIENCE.** College students who are either fourth year or graduate students will be coded in Group "B" under the area and field of specialization within which they studied. If the student does not indicate a *field* of specialization the last three digits of his code will be "997," and the first two digits will be that of the general area of study.

Examples:

An officer entered the Army when he was in his fourth year of college. He had majored in Radio Engineering but did not indicate a field of specialization. He would be coded 47.997.

An officer who has just graduated from college states that he majored in Electrical Engineering and specialized in Telephone and Telegraph Communication. He would be coded 51.970 (the middle digit "9" is always used for students regardless of any other function assigned this number).

Officers who have had 3 years or less of college education, and *no occupational experience* will be coded 00.999. In many instances, however, the officer will have had some type of occupational experience and should be coded accordingly.

**9. CONVERSION TABLES.** Because of the extent of the revision of AR 605-95 (tentative) by this manual, it has been necessary to make certain changes and to add occupational codes. Since items 27 and 28, W. D., A. G. O. Form 66-1 were coded from AR 605-95 (Tentative) dated 19 January 1943; supplement I to AR 605-95 dated 18 March 1943; and Memorandum No. W605-22-43 dated 15 May 1943, it will be necessary to review and change a number of 66-1 forms. While the number of such instances is not large, review is essential in these cases. Reference should be made

to section IV, where complete tables are given for proper conversion of codes and examples are furnished to facilitate this work. As time permits, it is also desirable to review all 66-1's to insure that proper classification was originally accomplished.

**10. EXAMPLES OF OFFICER CIVILIAN CLASSIFICATION.** The following cases are taken directly from item 26 or 27, on W. D., A. G. O. Forms 66-1.

**CASE A.** (College graduate—Business Administration.) "Supervised and directed office procedures and personnel for an investment and finance company. Directed and coordinated all office personnel concerned with correspondence, keeping of records, credits, and collections. From June 1939 to May 1940. Monthly Salary, \$165.00."

Suggested classification: 57.710 General Office Management or 32.044 Management of a Small Loan Company.

Comment: As this officer had been employed for only 11 months in the loan company, and had had no previous occupational experience, the chances are that it is "ability to supervise and direct an office force," and not "small loan activities" which should be classified; thus 57.710 is preferable. If this officer, however, had become the manager of the loan company while employed there, or had been so employed for several years, the "management of a loan company" should be emphasized, and the code 32.044 might be used.

**CASE B.** (High school graduate.) "Supervised office personnel. From 1935 to 1941. Salary \$120.00, month."

Suggested classification: None—until reinterviewed.

Comment: Such descriptive words as "directed," "supervised," "managed," and "bossed" are used indiscriminately by most persons in describing their duties. The salary of \$120.00 a month does not indicate a very high degree of responsible supervision. This officer may have been a bookkeeper, typist, or file clerk, and may have had some degree of responsibility or supervising one or two clerks. A reinterview is necessary to classify this officer's civilian occupation properly.

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

**CASE C.** (Completed third year high school.) "Repaired all makes of cars and light trucks. Ground valves, replaced rings; overhauled entire motor, ignition system, transmission, and differential. Did some body repair work and painting. From 1937 to 1940. Monthly income \$160.00." From 1937 to 1940. Monthly income \$160.00."

Suggested classification: 05.810 All around Automobile Mechanic and Repairman.

Comments: Good description; states exactly what the officer did.

**CASE D.** (High school graduate.) "Operated lathes, milling machines, and drills. From 1939 to 1942. Monthly income \$300.00."

Suggested classification: 04.780 Engine Lathe Operation or 04.782 Milling Machine Operation.

Comment: Duties should also show ability to read blueprints, set up machine and do lay-out work; gages used, and tolerance to which worked. The type of machines operated should also be shown. Description might read: "Set up and operated engine lathes, universal milling machines, multiple spindle drills, and cylindrical grinders. Used micrometers and other gages. Read blueprints. Worked to .0001 on steel. Made small machine tools." This might have been the actual job description for this officer if he had been adequately interviewed; with such a description he would be coded 04.750 Journeyman Machinist.

**CASE E.** (College graduate, majored in advertising.) "Managed retail automobile and auto-

motive accessory agency. From 1934 to 1939. Monthly income \$150.00."

Suggested classification: 31.091 Management of Retail Automobile Sales.

Comment: Adequate description for classification. Some indication as to number of men supervised or size of business should be shown.

**CASE F.** (College graduate, Liberal Arts.) "Sold books to schools and universities. From 1928 to 1940. Monthly income \$950.00."

Suggested classification: 17.314 Selling of Books for a book printing and publishing firm.

Comment: If books were sold to retail stores and no technical knowledge of the textual material was required, the code "01.872, Salesman of Publications, Printing, and Advertising" might be used.

(Attention is invited to the examples shown in paragraphs 4, 5, 6, and 8.)

**11. REQUEST FOR ADDITIONAL CODES.** Though conscientious effort has been made to present a coding structure which will represent most varieties of experience and training, it is obvious that occasional instances will arise which are not covered by this compilation. In this event, recommendations for changes and revisions are welcome if they are specific enough in form to be readily understood and incorporated in this manual. Such suggestions should be forwarded, through channels, to The Adjutant General, Classification and Replacement Branch, Washington, D. C.

# Section II

## Occupational Group Structure—Numerical

	Paragraph	Page		Paragraph	Page
Group "A"—Skilled, Semiskilled, Unskilled, Clerical, and General Sales Occupations....	1	8	Group "B"—Professional, Managerial, and Ad- ministrative Occupations.....	2	9

### **1. GROUP "A"—SKILLED, SEMI-SKILLED, UNSKILLED, CLERICAL, AND GENERAL SALES OCCUPATIONS.**

CODE	CIVILIAN OCCUPATIONAL GROUPS	
01.000 through 01.999	Clerical and Sales Occupations.....	12
01.000 through 01.499	Clerical and Kindred.....	12
01.500 through 01.999	Sales and Kindred.....	15
02.000 through 02.999	Service Occupations.....	16
02.000 through 02.099	Domestic Service.....	16
02.200 through 02.499	Personal Service.....	16
02.600 through 02.699	Protective Service.....	17
02.800 through 02.999	Building Service Workers and Porters.....	18
03.000 through 03.999	Agricultural, Fishery, Forestry, and Kindred Occupations.....	18
03.000 through 03.499	Agriculture, Horticulture, and Kindred.....	18
03.800 through 03.899	Fishery Occupations.....	19
03.900 through 03.999	Forestry (except Logging), Hunting and Trapping.....	19
04.010 through 05.189	Manufacturing and Related Occupations.....	19
04.010 through 04.109	Production of Food Products.....	19
04.120 through 04.129	Manufacturing of Tobacco Products.....	21
04.140 through 04.199	Production of Textiles.....	21
04.210 through 04.279	Production of Fabricated Textile Products.....	21
04.290 through 04.399	Production of Lumber and Lumber Products.....	22
04.410 through 04.429	Production of Paper and Paper Goods.....	23
04.440 through 04.499	Printing and Publishing Occupations.....	24
04.500 through 04.549	Production of Chemicals and Chemical Products.....	24
04.550 through 04.569	Production of Petroleum and Coal Products.....	25
04.570 through 04.579	Production of Rubber Goods.....	25
04.580 through 04.639	Manufacturing of Leather and Leather Products.....	25
04.650 through 04.709	Production of Stone, Clay, and Glass Products.....	26
04.710 through 04.959	Metalworking.....	27
04.970 through 05.009	Electrical Work and Manufacturing of Electrical Equipment.....	29
05.020 through 05.509	Manufacturing of Transportation Equipment.....	30
05.080 through 05.139	Manufacturing of Miscellaneous Products.....	30
05.160 through 05.189	Miscellaneous Manufacturing Processes.....	31
05.200 through 05.619	Nonmanufacturing Occupations.....	31
05.200 through 05.229	Extraction of Minerals.....	31
05.230 through 05.339	Construction.....	32
05.350 through 05.499	Transportation .....	33

**CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS**

**CODE**

**CIVILIAN OCCUPATIONAL GROUP**

**05.200 through 05.619—**

Continued

05.510 through 05.549	Nonmanufacturing Occupations—Continued	Page
05.550 through 05.609	Communication and Utilities	33
05.610 through 05.619	Trades and Services	34
05.630 through 05.899	Public Service, n. e. c.	34
05.910 through 05.999	Miscellaneous Occupations	34
07.930 through 07.999	Foreman	36
	Apprentices	37

**2. GROUP "B"—PROFESSIONAL,  
MANAGERIAL, AND ADMINISTRA-  
TIVE OCCUPATIONS.**

*A Industries*

Includes such specific activities as over-all and coordinating management; production supervision; purchasing; engineering and kindred sales; warehousing, storage, or transportation; applied science, including engineering not classified under professional fields; operations; and cost accounting.

**CODE**

**CIVILIAN OCCUPATIONAL GROUP**

**15.x00 through 19.x99**

and

**26.x00 through 26.x69**

} Manufacturing Industries

44

15.x00 through 15.x49	Food and Kindred Products	44
15.x50 through 15.x59	Tobacco Products	45
15.x60 through 15.x99	Textile-mill Products	45
16.x00 through 16.x39	Apparel	45
16.x40 through 16.x49	Lumber and Timber Basic Products	46
16.x50 through 16.x79	Furniture and Finished Lumber Products	46
16.x80 through 17.x09	Paper and Allied Products	47
17.x10 through 17.x29	Printing, Publishing and Allied Industries	47
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**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

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**CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS**

**CODE**

**CIVILIAN OCCUPATIONAL GROUP**

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# Section III

## Classification Codes

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<b>I. GROUP "A"—SKILLED, SEMISKILLED, UNSKILLED, CLERICAL, AND GENERAL SALES OCCUPATIONS.</b>					
00.999 <i>No Occupational Experience and Less Than Four Years College Education</i>					
<b>CLERICAL AND SALES</b>					
(01.000 through 01.999)					
<i>Clerical and Kindred</i>					
(01.000 through 01.499)					
01.01 <i>Bookkeepers and Cashiers, Except Bank Cashiers</i>					
01.010 Bookkeepers Includes such as General Bookkeeper; Classification-Control Clerk; Night Auditor; Commercial Bookkeeper; Commodity-Loan Clerk; Display-Advertising Bookkeeper; Safe-Deposit-Box Bookkeeper; Budget Clerk; Food Controller.					
01.013 Bookkeeping Clerks Includes such as Accounting Clerk; Audit Clerk; Entry Clerk; Insurance Clerk; Inventory Clerk; Posting Clerk; Social Security Clerk.					
01.015 Cashiers Includes such as Disbursement Clerk; Cash-Register Reader; Desk Clerk; Mutual-Option Clerk; Ticket Seller; Tube Operator; Mutual-Option Cashier; Change-Booth Man; Cashier-Wrapper.					
01.02 <i>Bookkeeping Machine Operators</i> 01.020 Bookkeeping Machine Operators Includes any job requiring or involving the use of a bookkeeping machine.					
01.03 <i>Checkers</i> 01.030 Checkers Includes such as Billing Checker; Carlton Checker; Certificate-of-Insurance Checker; Counter; Expense Clerk; Filing Checker; Insurance Clerk; Train Clerk; Yardage Caller; Grocery Checker; Kitchen Clerk; Invoice-Control Clerk.					
01.04 <i>Clerks, General</i> 01.040 Clerks, General Includes such as Clerk, General; Addresser; Bill Sorter; Check Sorter; Copy Holder; Job Tracer; Package Addresser; Rate Inserter; Sorting Clerk.					
01.05 <i>Clerks, General Office</i> 01.050 General Office Clerks Includes such as Checking and Receipt Clerk; Investment-Bond Clerk; Mail-Return Clerk; Reclamation Clerk; Settlement Clerk; Tax Clerk; Underwriter Clerk.					
01.06 <i>Financial Institution Clerks, n. e. c.</i> 01.060 Tellers and Financial Clerks Includes Tellers and such clerks as					

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### CLERICAL AND SALES—Continued

#### *Clerical and Kindred—Continued*

##### **01.06 Financial Institution Clerks, n. e. c.—Con.**

Teller; Savings; City Collection Clerk; Messenger, Bank; Safe-Deposit Attendant; Account Analyst; Corporate-Trust Clerk; Real-Estate Clerk; Margin Clerk.

##### **01.07 Hotel Clerks, n. e. c.**

###### **01.070 Hotel Clerks**

Includes such as Front Clerk; Key Clerk; Back Clerk; Reservation Clerk; Room Clerk.

##### **01.08 Insurance Clerks, n. e. c.**

###### **01.080 Preparation, Examining, and Recording Clerks**

Includes such as Actuarial Clerk; Brokerage Clerk; Cancellation Clerk; Death Claim Examiner; Revival Clerk; Term-Insurance Clerk.

###### **01.084 Miscellaneous Insurance Clerks**

Includes such as Agent-Contract Clerk; Bordaera Clerk; Capitalization Clerk; Real-Estate Location Writer; Abstract Approver; Closing-Sale Paper Examiner.

##### **01.10 Printing and Publishing Clerks, n. e. c.**

###### **01.100 Editing, Production, and Advertising Clerks**

Includes such as Classified-Ad Clerk; Distribution Inspector; District Circulator; Production Man; Proofreader; Copy Cutter; Braille Proofreader.

##### **01.11 Railroad Clerks, n. e. c.**

###### **01.110 Railroad Clerks**

Includes such as Car Sealer; Demurrage Clerk; Railway Express Clerk; Schedule Maker; Yard Clerk.

##### **01.12 Clerks in Trade, n. e. c.**

###### **01.120 Credit Clerks**

Includes such as Credit Authorizer; Error-Charge Clerk; New-Account Clerk; Reference Clerk.

###### **01.123 Direct Service Clerks**

Includes such as Adjustment Clerk; Return-Merchandise Clerk; Service-Desk Clerk; Post-Office Clerk; Lost-and-Found Clerk; Will-Call Clerk.

###### **01.125 Mail Order Clerks**

Includes such as Shopper, Mail-Order Department.

##### **01.15 Collectors, Bills and Accounts**

###### **01.150 Collectors**

### CLERICAL AND SALES—Continued

#### *Clerical and Kindred—Continued*

##### **01.16 Correspondence Clerks**

###### **01.160 Correspondence Clerks**

##### **01.17 File Clerks**

###### **01.170 File Clerks**

##### **01.18 General Industry Clerks**

###### **01.180 Mail Clerks (not in Post Office)**

Includes such as Dispatcher; Mail Sorter; Mailing-Room Clerk; Parcel-Post Clerk; Parcel-Post Order-Clerk.

###### **01.183 Personnel Clerks**

Employment Clerk; Reception Interviewer; Personnel Clerk.

###### **01.184 Receptionists and Information Clerks**

###### **01.186 General Industry Clerks (except Office), n. e. c.**

Includes such as Dispatcher, Motor Vehicle; Order Clerk; Order Detailer; Production Clerk; Complaint Clerk; Stock Chaser.

###### **01.188 General Industrial Clerks (Office), n. e. c.**

Includes such as Billing Clerk; C. O. D. Clerk; Collection Clerk; Mimeoscope Operator; Tube Operator; Ticket Girl (laundry).

##### **01.20 Library Assistants and Attendants**

###### **01.200 Library Assistants**

##### **01.23 Messengers, Errand Boys, and Office Boys and Girls**

###### **01.230 Messengers and Office Boys**

Includes such as Copy Boy; Bill Distributor; Sample Distributor; Delivery Boy; Page Boy.

##### **01.24 Telegraph Messengers**

###### **01.241 Telegraph Messengers**

##### **01.25 Office Machine Operators**

###### **01.250 Billing-Machine Operators**

Includes any job requiring or involving the use of a billing machine.

###### **01.251 Computing-Machine Operators**

Includes Adding-Machine Operator; Comptometer Operator; Calculating-Machine Operator.

###### **01.252 Duplicating-Machine Operators**

Includes such as Mimeograph Operator; Hectograph Operator; Multigraph Operator; Multilith-Machine Operator.

###### **01.254 Mail-Preparing, and Mail-Handling Machine Operators**

Includes such as Addressing-Machine

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

CLERICAL AND SALES—Continued

*Clerical and Kindred*—Continued

**01.25 Office Machine Operators**—Continued

Operator; Addressograph Operator; Letter-Opener Operator.

**01.256 Statistical-Card-Punching-Sorting and Verifying-Machine Operators**  
Includes such as Key-Punch Duplicator Operator; Sorting-Machine Operator; Tabulating-Machine Operator.

**01.259 Miscellaneous Office Machine Operators**  
Includes jobs involving the use of any office machines not previously included; such as Check-Writing-Machine Operator; Recorder Operator.

**01.26 Paymasters, Pay-Roll Clerks, and Time-keepers**

01.260 Paymasters, Pay-Roll Clerks, and Time-keepers

**01.27 Post Office Clerks**

**01.270 Post Office Clerks**

Includes such as Clerks, Postal; Sorters, Mail; Weighers, Mail.

**01.28 Mail Carriers**

01.280 Mail Carriers

**01.31 Express Messengers**

01.310 Express Messengers

**01.32 Physicians' and Dentists' Assistants and Attendants**

01.321 Dental and Medical Assistants

01.322 Medical Technician

**01.33 Secretaries**

**01.330 Secretaries**

Includes such as Legal Secretary; Private Secretary; Social Secretary; Medical Secretary.

**01.34 Shipping and Receiving Clerks**

01.340 Shipping and Receiving Clerk

**01.35 Technical Clerks, n. e. c.**

**01.351 Technical Clerks**

Includes such as Engineering Clerk.

01.352 Title Searchers

**01.36 Statistical Clerks and Compilers**

**01.360 Statistical Clerks and Compilers**

Includes such as Census Clerk; Mileage Clerk; Census Taker; Coding Clerk.

**01.37 Stenographers and Typists**

**01.371 Stenographers**

Includes general and specialized stenographers such as Foreign Language Stenographer; Legal Stenographer;

CLERICAL AND SALES—Continued

*Clerical and Kindred*—Continued

**01.37 Stenographers and Typists**—Continued

Stenotype Operator; Medical Stenographer, Court.

**01.372 Court Reporter**  
(Stenography, Stenotype)

**01.373 Typists**  
Includes such as Telegraphic-Type-writer Operator; Clerk-Typist; Type-writer Operator, Automatic, Variotypist; Hooven-Perforator Operator; Dictaphone Operator, Ediphone Operator.

**01.379 Miscellaneous Stenography and Typing;**  
Include such as Script Girl.

**01.38 Stock Clerks**

**01.380 Stock Clerks**

Includes such as Gear-Room Keeper; Kit Assembler; Storeroom Clerk, Garage Supplies; Stock-Control Clerk; Tool Clerk.

**01.41 Telegraph Operators and Related**

**01.411 Telegraph Operators**

Includes such as Jackboard Operator; Gamewell Operator.

**01.42 Telephone Operators**

**01.420 Central-Office Operators**

**01.423 P. B. X. Operators**

**01.43 Baggage-man, Transportation**

**01.430 Baggage-man**

**01.44 Ticket, Station, and Express Agents, Transportation**

**01.441 Agents**

Includes such as Ticket Agent; Freight-Traffic Agent; Crating and Moving Estimator; Freight-Transportation Agent.

**01.45 Weighers**

**01.450 Weighers**

**01.48 Agents and Appraisers, n. e. c.**

**01.480 Business Agents**

Includes such as Manager, Theatrical Production; Advance Agent; Literary Agent; Booking Agent; Claim Agent; Right-of-Way Agent.

**01.485 Appraisers**

**01.487 Adjusters**

Includes such as Tire Adjuster; Claim Adjuster.

**01.49 Clerks and Kindred Occupations, n. e. c.**

**01.490 Readers and Prompters**

**01.491 Patent Clerk**

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### CLERICAL AND SALES—Continued

#### *Clerical and Kindred*—Continued

##### **01.49 Clerks and Kindred Occupations, n. e. c.—Con.**

01.492 Property Custodians, n. e. c.

01.493 Tallyman

Includes such as Tallyman; Lumber Checker; Purser.

01.494 Estimators, n. e. c.

Includes such as Furniture Repair Estimator, Watch and Clock Repair Clerk; Estimator (jewelry).

01.498 Miscellaneous Clerks, n. e. c.

#### *Sales and Kindred Occupations*

(01.500 through 01.999)

Because of the variations in selling techniques, many of the selling jobs are titled in an arbitrary manner. The term "sales clerk" is applied to jobs requiring little special knowledge or training. A sales clerk is usually stationed behind a counter where his chief task is to receive cash payment for the article selected by the customer, wrap the article and return it together with any change, to the customer. All sales clerks are grouped together in a single classification, with code 01.700.

The term "salesperson" is applied to jobs that involve no personal solicitation, but that do require to some degree, special knowledge of the merchandise sold. A salesperson is generally stationed on the selling floor where he displays, explains, and sells merchandise to interested persons.

The term "salesman" is applied to jobs that require a personal solicitation of the customer, frequently outside the store. In general, the salesman sells high-priced articles and must be able to persuade indifferent prospects of the desirability of the articles. For "Sales Engineer" see function "3" Sales under "Industrial Functions" page 43.

##### **01.51 Auctioneers**

01.511 Auctioneers

##### **01.52 Salesmen, Brokerage, and Commission Firms, n. e. c.**

01.522 Commission Men and Agents

Includes such as Manufacturers' Agent; Brokers and Market Operators; Salesmen, Livestock.

##### **01.55 Canvassers and Solicitors**

01.551 Salesmen and Solicitors

Includes such as Salesman, House-to-House; Telephone Solicitor Salesman, Education Courses.

### CLERICAL AND SALES—Continued

#### *Sales and Kindred Occupations—Continued*

##### **01.56 Demonstrators**

01.560 Demonstrators

Includes such as Food Demonstrator; Paint Demonstrator; Toiletries and Cosmetics Sales-Demonstrator.

##### **01.57 Salesmen, Insurance**

01.571 Insurance Salesmen (Including agency brokers)

##### **01.58 Newsboys**

01.581 Newsboys

##### **01.61 Hucksters and Peddlers**

01.611 Vendors and Peddlers

##### **01.63 Salesmen, Real Estate**

01.631 Salesmen and Brokers

##### **01.65 Salesmen, Stock and Bond**

01.650 Securities Salesmen and Traders

##### **01.70 Sales Clerks**

01.700 Sales Clerks (of any commodity)

##### **01.75 Salespersons**

01.750 Salespersons of Wearing Apparel

01.752 Salespersons of Automotive and Maritime Equipment

01.753 Salespersons of Farm and Garden Equipment

01.754 Salespersons of Household Goods

Includes the selling of such commodities as china and glassware, decorative household accessories, floor coverings, and furniture.

01.755 Salespersons of Music and Musical Instruments

01.756 Salespersons of Medical Supplies

01.758 Miscellaneous Salespersons, n. e. c.

##### **01.80 Salesmen, to Consumers (retail)**

01.800 Salesmen, to Consumers

Includes such as Salesman, Automobile; Salesman, Motorboat; Salesman, Piano.

##### **01.85 Salesmen and Sales Agents, Except to Consumers (wholesale)**

01.850 Salesmen of Amusement and Sporting Goods

01.851 Salesmen of Automotive Goods

01.852 Salesmen of Beverages, Foodstuffs, and Tobacco

01.853 Salesmen of Chemicals and Drug Preparations

01.854 Salesmen of Apparel and Dry Goods

01.855 Salesmen of Fuel

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**CLERICAL AND SALES—Continued**

*Sales and Kindred Occupations—Continued*

- 01.85 *Salesmen and Sales Agents, Except to Consumer (wholesale)—Continued*
- 01.856 Salesmen of Household Goods  
        Includes such goods as house furnishings and musical instruments and accessories.
- 01.857 Salesmen of Jewelry and Optical Goods
- 01.858 Salesmen of Building and Construction Goods
- 01.860 Salesmen of Metals
- 01.861 Salesmen of Machinery, Equipment, and Supplies  
        Includes such commodities as office machinery; hotel and restaurant equipment and supplies; rubber goods; printing supplies.
- 01.865 Salesmen of Paper and Paper Products
- 01.866 Salesmen of Petroleum Products
- 01.869 Salesmen of Miscellaneous Products, n. e. c. (See "Sales" function under Industrial Functions, page 43.)
- 01.870 Salesmen of Hotel Services
- 01.871 Salesmen of Radio Broadcasting Services
- 01.872 Salesmen of Printing, Publications, and Advertising
- 01.96 *Sales Clerks, Dry-Cleaning and Laundry*
- 01.960 Laundry Sales Clerks
- 01.97 *Shoppers*
- 01.971 Shopper  
        Includes such as Comparison Shopper; Personal Shopper; Outside Shopper

**SERVICE**

(02.000 through 02.999)

*Domestic Service*

(02.000 through 02.099)

**02.01 Day Workers**

02.010 Day Worker (dom. ser.)

**02.02 Laundresses, Private Family**

02.021 Laundress (dom. ser.)

**02.03 Housekeepers, Private Family**

02.030 Manager, household

02.031 Housekeeper, working (dom. ser.)

02.033 Farm Housekeeper (dom. ser.)

**02.04 Housemen and Yardmen**

02.040 Housemen and Yardmen

Houseman: Man-of-all-work. Yardman: Caretaker

**SERVICE—Continued**

*Domestic Service—Continued*

- 02.05 *Cooks, Domestic*
  - 02.050 Domestic Service Cooks  
        Cook; Chef; Cook-on-Call; Cook's Helper; Cook-on-Call Assistant
  - 02.06 *Maids, General*
  - 02.060 Maid, General, No Cooking (dom. ser.)
  - 02.061 Maid, General (dom. ser.).
  - 02.062 Farm Housemaid
  - 02.07 *Nursemaids*
  - 02.070 Nursemaids  
        Child Monitor; Mother's Helper
  - 02.08 *Parlormaids*
  - 02.080 Parlormaid  
        Dining-Room Maid
  - 02.09 *Miscellaneous Servants, Private Family*
  - 02.090 Miscellaneous Servants  
        Includes such as Butler, Footman, Valet, Chambermaid, Personal Maid; Companion
- Personal Service*
- (02.200 through 02.499)
- 02.21 *Bartenders*
  - 02.210 Bartenders  
        Bartender; Bar Attendant; Barkeeper; Beverage Dispenser
  - 02.22 *Bellmen and Related*
  - 02.220 Bell Captains
  - 02.221 Bellmen
  - 02.222 Valets, Hotel
  - 02.226 Receiving-Room Clerks, Hotel
  - 02.227 Tourist-Camp Attendants
  - 02.23 *Boarding-House and Lodging House Keepers*
  - 02.231 Lodging House Managers
  - 02.24 *Housemen, Hotels, Restaurants, Etc.*
  - 02.241 Hotel and Restaurant Housemen  
        Includes such as Carpet Layer, Curtain Man, Floor Houseman, Porter, Chambermaid, Ladies Maid
  - 02.25 *Stewards*
  - 02.251 Stewards, Hotels and Restaurants
  - 02.252 Housekeeper, Steward, and Hostesses; Inspectors; Linen-Room Women; House Mother
  - 02.254 Kitchen Supervisors  
        Kitchen Supervisor; Manager Assistant, Kitchen
  - 02.26 *Cooks, Except Private Family*
  - 02.260 Chefs and Cooks, Large Hotels and Restaurants

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### SERVICE—Continued

#### *Personal Service*—Continued

- 02.26 Cooks, Except Private Family**—Continued  
Includes such as Pastry
- 02.263 Chefs and Cooks, Small Hotels and Restaurants
- 02.264 Railroad Cooks
- 02.265 Camp Cooks
- 02.266 Marine Cooks
- 02.269 Miscellaneous Cooks, n. e. c.
- 02.27 Waiters, Except Private Family**
- 02.270 Hotel Waiters, Formal
- 02.271 Hotel Waiters, Informal
- 02.272 Cafeteria Waiters  
Includes such as Salad Man and Steam Table Attendant.
- 02.276 Soda Dispensers
- 02.279 Miscellaneous Waiters, n. e. c.
- 02.28 Ship Steward**
- 02.280 Stewards
- 02.29 Kitchen Workers in Hotels, Restaurants, Railroads, Steamships, etc., n. e. c.**
- 02.290 Food and Beverage Preparation  
Includes such as Cook's Helper; Pantryman; Sandwich Man.
- 02.295 Cleaning  
Includes such as Bus Boy; Dishwasher; Silver Man.
- 02.32 Barbers and Beauticians**
- 02.320 Barbers
- 02.321 Beauticians  
Includes such as Hairdresser; Hair Stylist; Facial Operator.
- 02.323 Manicurist
- 02.324 Make-up Man  
Includes such as Make-up Man; Cosmetician; Make-up Artist; Make-up Man Assistant.
- 02.34 Bootblacks**
- 02.341 Bootblacks and Shoe Cleaners
- 02.36 Guides, Except Hunting and Trapping**
- 02.361 Travel, Sightseeing and Institution Guides
- 02.38 Practical Nurses**
- 02.381 First Aid Attendants and Practical Nurses
- 02.40 Attendants, Recreation and Amusement, n. e. c.**
- 02.400 Golf Course Attendants
- 02.401 Bowling Alley and Pool Parlor Attendants
- 02.402 Commission and Amusement Device Attendants

### SERVICE—Continued

#### *Personal Service*—Continued

- 02.40 Attendants, Recreation and Amusement, n. e. c.**—Continued  
Includes such as Shooting-Gallery Operator; Barker; Concession Attendant.
- 02.405 Attendants, Tennis Courts, Skating Rinks, etc.
- 02.409 Miscellaneous Attendants
- 02.42 Attendants, Hospitals and other Institutions, n. e. c.**
- 02.421 Orderlies, Nurses Aides, and Attendants
- 02.43 Attendants, Professional and Personal Service, n. e. c.**
- 02.430 Wardrobe and Dressing Room Attendants
- 02.431 Locker Room and Restroom Attendants
- 02.432 Bath Attendants
- 02.433 Clubhouse Attendants
- 02.434 Models and Stand-Ins
- 02.435 Checkroom Attendants
- 02.439 Miscellaneous Attendants, n. e. c.
- 02.44 Camp Attendants**
- 02.441 Camp Attendants
- 02.45 Doormen**
- 02.450 Doormen
- 02.47 Apprentices to Service Occupations**
- 02.470 Cook Apprentices
- 02.471 Beauty Operator Apprentices
- 02.48 Ushers**
- 02.481 Ushers
- Protective Service*  
(02.600 through 02.699)
- 02.61 Guards and Watchmen, Except Crossing Watchmen**
- 02.610 Gatemen
- 02.611 Watchmen
- 02.612 Guards  
Includes such as Lifeguard; Jailer; Guard, penitentiary; Fire Fighter
- 02.62 Crossing Watchmen and Bridge Tenders**
- 02.621 Watchmen
- 02.622 Bridge Tenders
- 02.623 Toll Collectors, Highway or Bridge
- 02.63 Firemen, Fire Department**
- 02.631 Firemen
- 02.65 Policemen and Detectives, Except in Public Service**
- 02.650 Detectives and Policemen; includes Investigation Shoppers

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**SERVICE—Continued**

**Protective Service—Continued**

**02.66 Policemen and Detectives, Public Service**

02.660 Police Officers

02.661 Detectives

02.662 Patroldmen and Other Nonranking  
Policemen

02.663 Humane Officer

02.664 Bertillon Expert

02.665 F. B. I. Investigators

02.666 Sanitary Officer

02.669 Other Crime Experts

**02.67 Sheriffs and Bailiffs**

02.670 Sheriffs

02.672 Bailiffs

**Building Service Workers and Porters**

(02.800 through 02.999)

**02.82 Cleaners**

02.821 Cleaners

Includes such as Chimney Sweep; Win-  
dow Cleaners; Charwomen.

**02.84 Janitors and Sextons**

02.841 Janitors

**02.86 Porters, n. e. c.**

02.861 Porters

Includes Hall Maids.

**02.91 Porters**

02.911 Pullman Porters

02.912 Baggage Porters

**02.95 Elevator Operators**

02.951 Elevator Operators and Starters

**AGRICULTURAL, FISHERY, FORESTRY, AND  
KINDRED**

(03.000 through 03.999)

**Agricultural, Horticultural, and Kindred**

(03.000 through 03.499)

Also see "Plant Pathology, Horticulture, and  
Agronomy 90, page 109

**03.01 Cash Grain Farmers**

03.011 Farmers, Cash Grain

Includes such as Rice Farmers; Wheat  
Grower.

**03.02 Cotton Farmers**

03.021 Cotton Raisers

**03.03 Crop Specialty Farmers**

03.031 Farmers, other Crop Specialty

Includes such as Hay Farmer; Hop

**AGRICULTURAL, FISHERY, FORESTRY, AND  
KINDRED—Continued**

**Agricultural, Horticultural, and Kindred—Con.**

**03.03 Crop Specialty Farmers—Continued**

Raiser; Peanut Farmer; Sugar-Beet  
Grower; Tobacco Grower.

**03.04 Dairy Farmers**

03.041 Dairymen

**03.05 Fruit Farmers**

03.050 Farmer, Fruit

Includes Berry and Nut Farmers.

**03.06 General Farmers**

03.060 Farmers, General

**03.07 Animal and Livestock Farmers**

03.070 Farmers, Livestock

Includes such as Cattle Rancher; Fox  
Raiser; Pigeon Fancier; Beekeeper

**03.08 Poultry Farmers**

03.081 Farmers, Poultry

**03.09 Truck Farmers**

03.091 Truck Farmer

**03.11 Farm Hands, Grain**

03.111 Farm Hands, Grain

**03.12 Farm Hands, Cotton**

03.121 Farm Hands, Cotton

**03.13 Farm Hands, other Crop Specialty**

03.130 Farm Hands, Crop Specialty

Includes such crop specialties as Sugar  
Beet; Tobacco; Farm Hand, Crop  
Specialty, n. e. c.

**03.14 Farm Hands, Dairy**

03.141 Farm Hands, Dairy

**03.15 Farm Hands, Fruit**

03.150 Farm Hands, Fruit

Includes Berry and Nut Farm Hands

**03.16 Farm Hands, General Farms**

03.161 Farm Hand, General

**03.17 Farm Hands, Animal and Livestock**

03.170 Farm Hands, Live Stock

03.171 Herdsman

**03.18 Farm Hands, Poultry**

03.181 Farm Hands, Poultry

**03.19 Farm Hands, Vegetable**

03.191 Farm Hands, Vegetable

**03.30 Fruit and Vegetable Graders and Packers**

03.300 Fruit Packers

03.302 Vegetable Packers

**03.31 Blight Control Laborers and Bindweed Erad-  
icators**

03.311 Laborers, Blight Control

**03.32 Irrigation**

03.321 Irrigators and Ditch Tenders

**CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS**

**AGRICULTURAL, FISHERY, FORESTRY, AND KINDRED—Continued**

*Agricultural, Horticultural, and Kindred—Con.*

**03.35 Farm Mechanics**

03.351 Farm Mechanics

**03.36 Farm Couples**

03.361 Farm Couples

**03.37 Farm Managers and Foremen**

03.371 Managers

Includes Overseer and Superintendent

03.372 Foremen

**03.38 Nursery Operators and Flower Growers**

03.381 Flower Raisers and Nurserymen

**03.39 Nursery and Landscaping Laborers**

03.391 Nursery Laborers

**03.40 Gardeners and Grounds Keepers, Parks, Cemeteries**

03.400 Gardeners and Grounds Keepers

03.401 Cemetery Supervisors

**03.41 Hatchery Men**

03.411 Hatchery Men, Poultry and Fish

**03.42 Laborers, Hatchery**

03.421 Laborers, Hatchery

**03.43 Stablemen and Barn Bosses**

03.432 Stablemen

03.433 Barn Bosses

**03.47 Cotton Ginners**

03.471 Ginners

**03.48 Technical Agriculture, n. e. c.**

03.480 Poultry Experts

Includes such as Blood Tester, Fowls; Caponizer; Chickens Sexer; Poultry Culler.

03.489 Miscellaneous Technical Agriculture

Includes such as Agricultural Aide; Biological Aide; Cattle Dehorner.

**03.49 Agriculture, n. e. c.**

03.492 Agriculture, General

Includes such as Seed Sorter; Sheep Shearer; Combine Operator; Horse Breaker.

*Fishery Occupations*

(03.800 through 03.899)

**03.87 Fishermen and Oystermen**

03.870 Net and Seine Fishermen

03.872 Line Fishermen

03.874 Fishermen, Miscellaneous Gear

Includes such gear as Fish Wheel, Spear and Gaff, and Weir.

03.875 Fishermen, Specific Kind of Fish

This Classification is for those jobs

**AGRICULTURAL, FISHERY, FORESTRY, AND KINDRED—Continued**

*Fishery Occupations—Continued*

**03.87 Fishermen and Oystermen—Continued**

whose specialty lies in a specific kind of fish caught, such as Eel, Oyster, Swordfish, Terrapin, rather than the gear used.

03.877 Seal Fishermen

03.879 Miscellaneous Fishing

**03.88 Sponge and Seaweed Gatherers**

03.880 Seaweed Gatherers

03.882 Irish Moss Gatherers

03.884 Sponge Fishermen, Except Divers

**03.89 Fishing, n. e. c.**

03.890 Fishing, General

Includes such as Crab Inspector; Flenser; Fish Dresser.

*Forestry (Except Logging), and Hunting and Trapping*

(03.900 through 03.999)

**03.91 Forestry, Except Logging**

03.910 Forestry

Includes such as Chipper, or Face Cutter (turpentine and resin).

**03.96 Hunting and Trapping Guides**

03.961 Guides, Hunting and Fishing

**03.97 Hunters and Trappers**

03.972 Hunters and Trappers

**MANUFACTURING AND RELATED ACTIVITIES**

(04.010 through 05.189)

*Production of Food Products*

(04.010 through 04.109)

**04.01 Mixing of Doughs and Batters and Baking Breads and Pastries**

04.011 Bakers, Except Hotel and Restaurant

04.012 Molders and Formers

04.013 Pie Makers

04.014 Hotel and Restaurant Bakers

04.015 Cookie Mixers

04.016 Batter Mixers

04.017 Dough Mixers

04.018 Oven Tenders and Operators

08.010 All Unskilled laboring jobs in this process

**04.02 Production of Bakery Products, n. e. c.**

04.020 Ingredient Preparers and Mixers

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

**MANUFACTURING AND RELATED ACTIVITIES—Continued**

*Production of Food Products—Continued*

**04.02 Production of Bakery Products, n. e. c.—Con.**

- 04.021 Formers and Shapers
- 04.023 Finishers and Icers
- 04.024 Slicers and Wrappers
- 04.029 Miscellaneous Producers of Bakery Products
- 08.020 All Unskilled laboring jobs in this process, including such as Dough-Mixer Helpers; Ovenman Helper, Batter-Mixer Helpers; Bread-Wrapping Machine Feeders

**04.03 Production of Beverages**

- 04.030 Production Workers, Distilled Liquors
- 04.032 Production Workers, Malt Liquors
- 04.034 Production Workers, Vinous Liquors
- 04.036 Production Workers, Nonalcoholic Beverages
- 04.037 Preparation Workers, Cider and Vinegar
- 08.030 All unskilled laboring jobs in this process, including such as Process Laborers; Still Operators; and Soft-Drink-Powder Men

**04.04 Canning and Preserving of Foods**

- 04.040 Fish Preparers
- 04.043 Cooks
- 04.045 Mixers and Miscellaneous Processors
- 04.049 Miscellaneous Canners and Preservers of Food
- 08.040 All unskilled laboring jobs in this process, including such as Process Laborers; Fruit Packers; Pickler Helpers; and Cutting-Machine Operators

**04.05 Production of Confections**

- 04.050 Preparers of Chocolate and Cocoa
- 04.051 Chewing Gum Makers
- 04.052 Candy Makers
- 04.053 Candy Coaters and Decorators
- 04.054 Candy Inspectors
- 04.055 Miscellaneous Makers of Confections, n. e. c.
- 08.050 All unskilled laboring jobs in this process, including such as Process Laborers; Cocoa Bean Roasters; Chicle-Grinder Feeders; and Bag Fillers

**04.06 Processing of Dairy Products**

- 04.060 Production workers, Ice Cream
- 04.063 Production workers, Butter
- 04.064 Production workers, Cheese

**MANUFACTURING AND RELATED ACTIVITIES—Continued**

*Production of Food Products—Continued*

**04.06 Processing of Dairy Products—Continued**

- 04.065 Milk Processors and Related Jobs
  - Includes such as Cream Graders; Pasteurizers; and Cream Ripeners.
- 04.067 Container Washers and Related
- 08.060 All unskilled laboring jobs in this process

**04.07 Milling of Grain, Flour, Feed, and other Products**

- 04.071 Millers, except Wet Process Millers
- 04.073 Wet Process Millers
- 08.070 All unskilled laboring jobs in this process

**04.08 Production of Grain-Mill Products, n. e. c.**

- 04.080 Grain Receivers and Distributors
- 04.081 Flour Blenders and Sifters
- 04.082 Cereal Processors
- 04.083 Starch Separators
- 04.084 Production Workers, Corn Syrup and Corn Sugar
- 04.085 Grain and Grain Product Drying
- 04.086 Corn Oil Extractors
- 04.087 Feed and Cereal Blenders
- 04.089 Miscellaneous Production Workers, Grain Mill Products
- 08.080 All unskilled laboring jobs in this process, including such as Loaders; Bone-Char Operators; and Stampers

**04.09 Slaughtering and Preparation of Meat Products**

- 04.090 Poultry Processors
- 04.091 Killing Floor Jobs
- 04.092 Reducers of Carcasses and Meat Processors
- 04.094 Processors of Byproducts
- 08.090 All unskilled laboring jobs in this process, including such as Killing-Floor Laborers; Carcass Reduction Laborers; and Byproduct Laborers

**04.10 Production of Miscellaneous Food Products**

- 04.100 Processors of Coffee, Tea, and Spice
- 04.101 Makers of Leavening Agents
- 04.102 Preparers of Flavoring Extracts and Flavoring Syrups
- 04.103 Makers of Edible Oils and Fats
- 04.104 Makers of Macaroni and Related Products
- 04.105 Nut Processors
- 04.106 Ice Makers

CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

**MANUFACTURING AND RELATED ACTIVITIES—Continued**

*Production of Food Products—Continued*

**04.10 Production of Miscellaneous Food Products—**

Continued

- 04.107 Oleomargarine Processors
- 04.108 Sugar Refiners
- 04.109 Producers of Miscellaneous Food Products
- 08.100 All unskilled laboring jobs in this process

*Manufacture of Tobacco Products*

(14.120 through 04.129)

**04.12 Manufacture of Tobacco Products**

- 04.120 Blenders, Stemmers, and Conditioners of Leaf Tobacco
- 04.121 Preparers of Flavoring Mixtures
- 04.122 Cutters and Shredders of Tobacco
- 04.123 Cigar Makers
- 04.124 Cigarette Makers
- 04.125 Preparers of Chewing and Smoking Tobacco
- 04.126 Snuff Makers
- 04.129 Miscellaneous Processors of Tobacco
- 08.120 All unskilled laboring jobs in this process including such as Humidor-Room Workers; Ripping-Machine Feeders; Conveyor Feeders; and Revenue Stampers

*Production of Textiles*

(04.140 through 04.199)

**04.14 Manufacture of Knit Goods**

- 04.140 Machine Knitters
- 04.141 Hand Knitters
- 04.142 Crocheters
- 04.143 Boarders
- 04.144 Inspectors
- 04.145 Menders
- 04.146 Pairers and Sorters
- 04.147 Loopers
- 04.148 Toppers
- 04.149 Miscellaneous makers of knit goods, including such as Knit-Back-Machine Operators; Board Makers; Autolap-Machine Operators; and Hand Top Stretchers
- 08.140 All unskilled laboring jobs in this process, including all Process Laborers in the Hosiery and Knit Goods industries

**MANUFACTURING AND RELATED ACTIVITIES—Continued**

*Production of Textiles—Continued*

**04.15 Textile Weaving**

- 04.150 Weavers
- 04.153 Loom Changers
- 04.157 Loom Fixers
- 08.150 All unskilled laboring jobs in this process

**04.18 Nonprocess Manufacture of Textiles, n. e. c.**

- 04.180 Nonprocess Jobs in the Manufacture of Knit Goods, n. e. c.
- 04.182 Nonprocess Jobs in the Manufacture of Yarn, Thread, and Textile Fabrics
- 08.180 All unskilled laboring jobs in this process

**04.19 Manufacture of Textiles, n. e. c.**

- 04.190 Carders, Combers, Drawers, and Related
- 04.191 Spinners
- 04.192 Twisters
- 04.193 Reelers, Spoolers, and Winders
- 04.194 Beamers and Warpers
- 04.195 Cloth and Yarn Washers and Bleachers, and Related
- 04.196 Burlers and Menders
- 04.197 Mercerizers, Sizers, and Related
- 04.198 Cloth and Yarn Blockers, Dryers, Steamers, and Ironers
- 04.199 Cloth Winders, Folders, and Measurers
- 04.200 Cloth Shrinkers
- 04.201 Final Inspectors
- 04.202 Makers of Artificial Leather, n. e. c.
- 04.203 Makers of Carpets and Rugs, n. e. c.
- 04.204 Makers of Felt Goods; n. e. c.
- 04.205 Makers of Linoleum, n. e. c.
- 04.206 Makers of Textile Bags, n. e. c.
- 04.207 Makers of Cordage, Twine, Nets, and Seines, n. e. c.
- 04.208 Preparers and Adjusters of Looms, n. e. c.
- 04.209 Miscellaneous Makers of Textiles
- 08.190 All unskilled laboring jobs in this process, including Process Laborers in the Artificial Leather, Carpet, Felt Goods, Linoleum, Textile Bag, and Carpet Industries

*Production of Fabricated Textile Products*

(04.210 through 04.279)

**04.21 Fabrication of Fur Goods, n. e. c.**

- 04.210 Furriers and Fur Finishers

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**MANUFACTURING AND RELATED ACTIVITIES—Continued**

- Production of Fabricated Textile Products—Con.*
- 04.21 Fabrication of Fur Goods, n. e. c.—Continued**
- 04.211 Fur Processors
  - 04.214 Fur Sorters
  - 08.210 All unskilled laboring jobs in this process
- 04.23 Designers and Makers of Millinery**
- 04.231 Millinery Makers
  - 04.233 Millinery Designers
  - 08.230 All unskilled laboring jobs in this process
- 04.24 Manufacture of Hats and Caps, n. e. c.**
- 04.240 Hat Hardeners
  - 04.241 Hat Formers
  - 04.242 Hat Blockers and Pressers
  - 04.243 Hat and Cap Makers, n. e. c.
  - 04.244 Hat Sizers
  - 04.245 Hat Poncers
  - 04.246 Hat Finishers and Trimmers
  - 04.247 Hat Sewers
  - 04.248 Preparers of Hat Fur
  - 04.249 Hat Rounders
  - 08.240 All unskilled laboring in this process, including such as Hand Cutter Helpers; Dry-Room Attendants; and Hat-Blocker Helpers
- 04.25 Fabrication, Repair, and Fitting of Miscellaneous Wearing Apparel and Other Articles Made of Textiles.**
- 04.250 Makers and Fitters of Wearing Apparel; includes Dressmaker
  - 04.251 Reweavers
  - 04.252 Miscellaneous Sewers, n. e. c.
  - 04.253 Alteration Workers and Menders
  - 04.254 Makers of House Furnishings
  - 04.259 Tailors
  - 08.250 All unskilled laboring jobs in this process
- 04.27 Fabrication of Textile Products, n. e. c.**
- 04.270 Layers-out and Markers
  - 04.271 Cutters
  - 04.272 Hand Sewers
  - 04.273 Inspectors, Matchers, and Sorters
  - 04.274 Finishers and Trimmers
  - 04.275 Embroiderers
  - 04.276 Menders
  - 04.277 Patternmakers and Pattern Cutters
  - 04.278 Makers of Canvas Products, n. e. c.
  - 04.279 Pressers and Shapers; Corsetier
  - 04.280 Creasers and Pleaters

**MANUFACTURING AND RELATED ACTIVITIES—Continued**

- Production of Fabricated Textile Products—Con.*
- 04.27 Fabrication of Textile Products, n. e. c.—Con.**
- 04.281 Drying Machine Operators
  - 04.282 Cloth Riveters
  - 04.283 Standard Sewing Machine Operators, except Garment
  - 04.284 Standard Sewing Machine Operators, Garment
  - 04.285 Special Sewing-Machine Operators, Garment, including such as Buttonhole-Machine Operators; Gathering-Machine Operators; Shirring-Machine Operators; and Tucking-Machine Operator
  - 04.289 Miscellaneous Fabricators of Textile Products, n. e. c.
  - 08.270 All unskilled laboring jobs in this process, including such as Basting Pullers; Grommet-Machine Operators; Mangle Catchers; and Bag Clippers
- Production of Lumber and Lumber Products  
(04.290 through 04.399)*
- 04.29 Inspection, Scaling, and Grading of Logs and Lumber**
- 04.290 Log Inspectors, Graders and Scalers
  - 04.295 Lumber Inspectors, Graders, and Scalers
  - 04.290 All unskilled laboring jobs in this process
- 04.30 Lumbering, Lumber Transporting, and Wood Chopping**
- 04.300 Timber Cutters
  - 04.303 Log Transporters, including such as Pondmen; Top Loaders; Chute Tenders; and Rigging Slingers.
  - 04.309 Miscellaneous Lumberman, Raftsmen, and Woodchoppers
  - 08.300 All unskilled laboring jobs in this process, including such as Brush Pilers, Donkey Tenders; Doggers; Skidders; and Swampers
- 04.31 Sawmill Operation, n. e. c.**
- 04.310 Log Sawyers (Preliminary), including such as Dragsaw Operators and Timber Trimmers
  - 04.311 Log Sawyers (Size), including such as Bank-Sawmill Operators; Single-Saw Operators; Circular-Headsaw Operators; and Veneer Sawyers
  - 04.312 Resawyers and Trimmers
  - 04.318 Miscellaneous Jobs in Sawmill Operation

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### MANUFACTURING AND RELATED ACTIVITIES—Continued

#### *Production of Lumber and Lumber Products*—Con.

##### **04.31 Sawmill Operation, n. e. c.**—Continued

08.310 All unskilled laboring jobs in this process, including such as Cant Setters; Edger-Man Helpers; Peelers; Slasher Operators; and Hand Timber Trimmers

##### **04.32 Cabinetmaking**

04.321 Cabinetmakers

##### **04.33 General Woodworking, n. e. c.**

04.330 Hand and Machine Sanders

04.331 Woodworking Sawyers

04.332 Grooving, Mortising, and Tenoning Machine Operators

04.333 Wood Carvers, Shapers, and Turners

04.334 Boring and Routing Machine Operators

04.335 Jointing and Planing Machine Operators

04.339 Miscellaneous Woodworkers

08.330 All unskilled laboring jobs in this process, including such as Carving Sanders; Millman Helpers; Off-Bearers; and Nailers

##### **04.34 Planing Mill Operations, n. e. c.**

04.340 Planing Mill Operators

08.340 All unskilled jobs in this process, including such as Dowell-Inserting-Machine-Operator Helpers; Off-Bearers; Pluggers; Linderman Feeders

##### **04.35 Upholstering**

04.351 Upholsterers of Springless Cushions and Pads

04.352 Mattress Renovators

04.354 Automobile Upholsterers

04.356 Furniture Upholsterers

04.358 Casket Coverers and Liners

08.350 All unskilled laboring jobs in this process

##### **04.36 Manufacture of Furniture, n. e. c.**

04.360 Assemblers of Furniture and Furniture Parts

04.363 Inspectors and Graders of Furniture and Furniture Parts

04.364 Process Upholsters of Furniture, Mattresses and Bedsprings

04.365 Furniture Repairmen

04.366 Makers of Mattresses and Bedsprings, n. e. c.

04.367 Makers of Furniture, n. e. c.

08.360 All unskilled laboring jobs in this process, including such as Bench Assem-

### MANUFACTURING AND RELATED ACTIVITIES—Continued

#### *Production of Lumber and Lumber Products*—Con.

##### **04.36 Manufacture of Furniture, n. e. c.**—Continued

blers; Drawer Liners, Picking-Machine Operators; and Helical Looper Operators

##### **04.38 Cooperage, n. e. c.**

04.381 Operators of Cooperage Machines

04.383 Makers of Barrels and Tanks

04.385 Inspectors

04.389 Miscellaneous Coopers

08.380 All unskilled laboring jobs in this process, including such as Barrel-Charrer Helpers; Bunghole Reamers; Cooper Helpers; and Keg Varnishers

##### **04.39 Manufacture of Miscellaneous Finished Lumber Products, n. e. c.**

04.390 Makers of Baskets and other Rattan and Willow Ware

04.391 Makers of Wooden Boxes, n. e. c.

04.392 Makers of Cigar Boxes

04.393 Makers of Mirror and Picture Frames

04.394 Makers of Caskets and other Mortician's Goods, n. e. c.

04.395 Makers of Lasts and other Shaped Wooden Articles, n. e. c.

04.396 Wood Preservers

04.397 Veneer Makers

04.398 Makers of Window Shades and Fixtures

04.399 Insulators and Builders of Refrigerator Cabinets, n. e. c.

04.400 Match Manufacturing Jobs

04.401 Makers of Excelsior, n. e. c.

04.402 Makers of Cork Products

04.409 Miscellaneous Makers of Finished Lumber Products

08.390 All unskilled laboring jobs in this process, including such as Band Nailers; Box, Gluers; Cleat Layers; Thumbers; and Corner Formers

#### *Production of Paper and Paper Goods*

(04.410 through 04.429)

##### **04.41 Manufacture of Paper and Pulp**

04.410 Preparers of Pulpwood

04.411 Beaters and Screeners of Pulpwood

04.412 Acid, Bleach, and Size Makers

04.414 Calender Operators, Sizers and Related

04.418 Miscellaneous jobs in the manufacture of Paper and Pulp

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

MANUFACTURING AND RELATED ACTIVITIES—Continued

*Production of Paper and Paper Goods*—Continued

**04.41 Manufacture of Paper and Pulp**—Continued

08.410 All unskilled laboring jobs in this process, including such as Block Handlers; Chip-Bin Man; Conveyor Men; and Wood Sorters

**04.42 Manufacture of Paper Goods**

04.420 Paper Cutters

04.422 Sealcone Makers

04.423 Makers of Paper Boxes

04.424 Jobs in the Manufacture of Paper Bags

04.425 Liners of Paper Boxes

04.429 Miscellaneous Jobs in the Manufacture of Paper Goods, including such as Paper-Pattern Inspector; Envelope-Machine Operators; and Paper Novelty Makers

08.420 All unskilled laboring jobs in this process, including such as Hand Benders; Cone Treaders; Paper-Tube-Machine Tenders; Paper Balers; and Wrapping-Machine Operators

*Printing and Publishing Occupations*

(04.440 through 04.490)

**04.44 Composing and Typesetting**

04.440 Hand Typesetters and Composers

04.441 Machine Typesetters and Composers

04.442 Make-up and Lock-up Men

**04.45 Electrotyping and Stereotyping**

04.450 Electrotypers

04.452 Stereotypers

**04.46 Lithography**

04.461 Stone Engravers

04.462 Photolithographers

04.463 Transferrers

04.464 Hand Transfers

04.467 Lithographic Art Workers

**04.47 Photoengraving**

04.471 Photoengravers

04.472 Photoengraving Printers

**04.48 Press Operation and Plate Printing**

04.480 Cylinder Press Operators

04.482 Platen-Press Operators

04.489 Press Operators and Plate Printers, n. e. c.

**04.49 Printing and Publishing, n. e. c.**

04.490 Bookbinders, including such as Folding Machine Operators; Gathering-Machine

MANUFACTURING AND RELATED ACTIVITIES—Continued

*Printing and Publishing Occupations*—Continued

**04.49 Printing and Publishing, n. e. c.**—Continued

Operators; Rounders; Hand Stitchers; and Book Repairers

04.492 Blockers and Routers

04.493 Machine Type-Casters

04.494 Press Feeders

04.495 Proof Press Operators

04.496 Wallpaper Printers

04.497 Rotogravure Retouchers and Stagers

04.499 Miscellaneous Printing and Publishing Jobs

08.490 All unskilled laboring jobs in this process

*Production of Chemicals and Chemical Products*

(04.500 through 04.549)

**04.50 Production of Paint and Varnish**

04.500 Mixers and Blenders

04.501 Grinders of Ingredients

04.502 Lead Furnace Tenders

04.503 Thinners

04.504 Powder Stampers and Colorers

04.505 Kettle Tenders

04.506 White Lead Makers

04.509 Miscellaneous Jobs in the Manufacture of Paint and Varnish, including such as Putty Makers; Varnish Inspectors; Centrifuge Operators; and Lead-Reclaimer Operators

08.500 All unskilled laboring jobs in this process, including such as Disintegrator Feeders; Heading-Up-Machine Man; Tanbark-Loader Operators; and Water-Grinder Helpers

**04.51 Production of Rayon and Allied Products**

04.510 Acid Workers

04.512 Coagulating Bath Mixers

04.519 Miscellaneous Jobs in the Production of Rayon and Allied Products, n. e. c.

08.510 All unskilled laboring jobs in this process

**04.52 Production of Industrial Chemicals**

04.520 Makers of Cottonseed and Linseed Products

04.521 Processors of Crude, Animal, and Vegetable Oils, n. e. c.

04.522 Production Worker, Fertilizer

04.523 Refiners of Salt

04.524 Production Worker, Explosives, n. e. c.

**CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS**

**MANUFACTURING AND RELATED ACTIVITIES—Continued**

*Production of Chemicals and Chemical Products—Continued*

- 04.52 *Production of Industrial Chemicals*—Con.
  - 04.525 Makers of Tanning Materials and Related Products
  - 04.526 Processors of Coal Tar Products
  - 04.528 Makers of Plastic Materials
  - 04.529 Production Worker, Miscellaneous Chemicals
  - 08.520 All unskilled laboring jobs in this process
- 04.53 *Production of Chemical Products, n. e. c.*
  - 04.530 Makers of Drugs, Cosmetics, and Related Products
  - 04.531 Production Worker, Soap
  - 04.532 Wood Distillers and Producers of Charcoal, Turpentine, and Rosin
  - 04.533 Alcohol Distillers
  - 04.534 Glue and Gelatin Makers
  - 04.535 Fireworks Makers
  - 04.536 Celluloid Makers; includes Color Watchers; Kettle Operators; Sheet Planners; Roll Men; and Vertical Hydraulic Stuffers
  - 04.537 Ink Makers
  - 04.538 Makers of Bone Black, Carbon Black, and Lampblack
  - 04.539 Production Workers, Chemical Products, n. e. c.
  - 08.530 All unskilled laboring jobs in this process, including such as Soap Grinders; Charcoal Baggers; Retort Forkers; Bone Pressers; and Kettle Loaders
- 04.54 *Production of Ammunition*
  - 05.540 Ammunition Makers
  - 08.540 All unskilled laboring jobs in this process

*Production of Petroleum and Coal Products*

(04.550 through 04.569)

**04.55 Refining of Petroleum**

- 04.550 Still Operators
- 04.551 Paraffin Plant Operators
- 04.552 Products Treaters
- 04.553 Products Reclaimers
- 04.554 Production Workers, Coke and Gas
- 04.555 Makers of Asphalt and Paving Materials
- 04.556 Makers of Asphalt Roofing Materials

**MANUFACTURING AND RELATED ACTIVITIES—Continued**

*Production of Petroleum and Coal Products—Con.*

- 04.55 Refining of Petroleum—Continued
  - 04.557 Miscellaneous jobs in the Manufacture of Petroleum and Coal Products
  - 08.550 All unskilled laboring jobs in this process, including such as Acid-Retort Operator Helpers; Filter-Plant Laborers, and Can Fillers

*Production of Rubber Goods*

(04.570 through 04.579)

**04.57 Production of Rubber Goods**

- 04.570 Millers, Compounders, and Reclaimers of Rubber
- 04.571 Builders of Tires
- 04.572 Rubber Curers
- 04.573 Tire Finishers
- 04.574 Makers of Rubber Hose
- 04.575 Calenders and Fabric Coaters
- 04.577 Rubber Dippers
- 04.578 Formers of Rubber by Extrusion
- 04.579 Miscellaneous jobs in the production of Rubber Goods, including such as Polishers and Golf-Ball Winders
- 08.570 All unskilled laboring jobs in this process, including such as Banbury-Mixer Helpers; Bead Buffers; Inner-Tube Buffers; Tire Strippers; and Valve Fitters

*04.576 Builders of Tire Beads and Inner-Tubes*

*Manufacture of Leather and Leather Products*  
(04.580 through 04.639)

**04.58 Manufacture of Leather**

- 04.580 Flesh and Hair Removers
- 04.581 Hide Trimmers and Cutters
- 04.582 Leather Stretchers
- 04.583 Hide Picklers, Limers, and Bleachers
- 04.584 Oil and Grease Removers
- 04.585 Hide Greasers, Oilers, and Softeners
- 04.586 Leather Repairers
- 04.587 Leather Colorers
- 04.588 Leather Dopers
- 04.589 Leather Ironers
- 04.590 Leather Grainers and Softeners
- 04.591 Leather Brushers, Buffers, Polishers, and Roughers
- 04.592 Solution Mixers
- 04.593 Inspectors and Checkers
- 04.594 Hair Processors

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

MANUFACTURING AND RELATED ACTIVITIES—Continued

*Manufacture of Leather and Leather Products—Continued*

**04.58 Manufacture of Leather—Continued**

04.595 Tanners

04.599 Miscellaneous jobs in the manufacture of leather, including such as Delimers; Sorters; Spanishers; Splitting-Machine Feeders; and Press Operators

08.580 All unskilled laboring jobs in this process, including such as Beam Men; Crop Dippers; Dampeners; Driers; Leather Wipers; and Strippers

**04.60 Shoemaking and Shoe Repairing, Not in Factory**

04.600 Shoemakers, Shoe Repairmen, and Cobblers

**04.61 Manufacturer of Boots and Shoes**

04.610 Cutters

04.611 Hand Trimmers

04.612 Shoe Parts Assemblers

04.613 Markers

04.614 Stitchers and Sewers

04.615 Channelers

04.616 Folders and Cementers

04.617 Taperers and Reinforcers

04.618 Ironers, Pressers, and Rubbers

04.619 Leather Softeners and Flexers

04.620 Heel Builders

04.621 Buttonhole Makers and Finishers

04.622 Sole Levelers

04.623 Bevelers

04.624 Staplers

04.625 Wooden Heel Attachers

04.626 Hole Punchers

04.627 Nailers

04.628 Riveters

04.629 Lasters

04.630 Molders

04.631 Pounders

04.632 Rollers

04.633 Last Pullers

04.634 Tack Pullers

04.635 Buffers, Polishers, and Cleaners

04.636 Sorters, Graders, and Inspectors

04.637 Patternmakers

04.638 Last Repairman

04.639 Miscellaneous jobs in the manufacture of boots and shoes, including such as Bobbin Winders; Interlacers; Perforators; Welt-Upper Coverers; Bucklers-in; and Heel Prickers

MANUFACTURING AND RELATED ACTIVITIES—Continued

*Manufacture of Leather and Leather Products—Continued*

**04.61 Manufacturer of Boots and Shoes—Continued**

08.610 All unskilled laboring jobs in this process, including such as Cementers; Tackers; Inkers; Maters; Sole Painters; and upper Wetters and Mullers

**04.64 Manufacture of Leather Products other than Boots and Shoes**

04.641 Jobs in the Manufacture of Miscellaneous Leather Products, including such as Glove Cutters; Harness Fitters; Leather Riveters; Leather Weavers; Skivers; and Case Makers

08.640 All unskilled laboring jobs in this process

*Production of Stone, Clay, and Glass Products*

(04.650 through 04.709)

**04.65 Production of Glass Products**

04.650 Melters

04.651 Cutters, Grinders, Frosters, and Polishers

04.652 Formers, Pressers, and Blowers of Glass

04.653 Producers of Flat Glass, n. e. c.

04.654 Calibrators and Markers of Glassware

04.655 Formers, Pressers, and Blowers of Glass

04.656 Annealers of Glass

04.659 Miscellaneous jobs in the Manufacture of Glass and Glass Products, including such as Glass Artists; Pyroglaziers; Inspectors, and Mirror Silverers

08.650 All unskilled laboring jobs in this process, including such as Mixers; Stripers; Fillers; Glass Breakers; and Cappers

**04.66 Production of Clay Products**

04.660 Clay Grinders and Mixers

04.661 Glaze Makers

04.662 Brick Formers

04.663 Tile and Pipe Formers

04.664 Colorers and Decorators of Brick, Tile, and Similar Products

04.665 Kiln Operators

04.666 Testers and Sorters of Brick and Tile

04.667 Mold and Sagger Builders

04.668 Makers of Pottery and Porcelain Ware

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### MANUFACTURING AND RELATED ACTIVITIES—Continued

#### *Production of Stone, Clay, and Glass Products—Continued*

- 04.66 *Production of Clay Products*—Continued  
04.669 Miscellaneous Jobs in the Production of Clay Products  
08.660 All unskilled laboring jobs in this process, including such as Batch Mixers; Brick-Machine Off-Bearers; Brick Tossers; Jackhammer Operators; Kiln Drawers; and Setter Helpers
- 04.67 *Production of Cement, Concrete, Gypsum, and Plaster Products*  
04.670 Production Workers, Cement  
04.673 Production Workers, Lime  
04.676 Production Workers, Concrete Products  
04.677 Production Workers, Statuary and Art Goods  
04.678 Production Workers, Wallboard and other Plaster Products, n. e. c.  
08.670 All unskilled laboring jobs in this process

#### 04.68 *Stonemaking*

- 04.681 Stone Carvers  
04.682 Stonecutters

#### 04.69 *Stoneworking, n. e. c.*

- 04.690 Stone Sawyers  
04.691 Machine Stoneworkers  
04.692 Hand Stoneworkers  
04.693 Stone Inspectors  
04.694 Patternmakers and Tracers  
08.690 All unskilled laboring jobs in this process

#### 04.70 *Production of Asbestos Products, Abrasives and Polishing Products*

- 04.700 Production Worker, Asbestos Products  
04.703 Production Worker, Abrasives and Polishing Products  
04.705 Makers of Pipe Covering, Gaskets, and Related Products  
04.706 Makers of Graphite  
04.707 Processors of Minerals and earths  
08.700 All unskilled laboring jobs in this process

#### *Metalworking*

(04.710 through 04.959)

#### 04.71 *Watchmaking, Goldsmithing, and Silversmithing*

- 04.710 Jewelers and Stonesetters

### MANUFACTURING AND RELATED ACTIVITIES—Continued

#### *Metalworking—Continued*

- 04.71 *Watchmaking, Goldsmithing, and Silversmithing*—Continued  
04.712 Gem Cutters and Examiners  
04.713 Silversmiths and Goldsmiths  
04.715 Watchmakers
- 04.72 *Manufacture of Clocks, Watches, Jewelry, and Articles of Precious Metals, n. e. c.*  
04.720 Fabricators of Clock and Watch Parts  
04.721 Assemblers of Clocks and Watches  
04.722 Adjusters, Inspectors, and Testers of Clocks and Watches  
04.723 Grinders, Brushers, and Polishers of Watches  
04.724 Jewelry Fabricators  
04.725 Melters and Casters of Jewelry  
04.726 Platers and Decorators of Jewelry  
04.727 Cleaners and Polishers of Jewelry  
04.729 Miscellaneous jobs in the fabrication of Jewelry, Clocks and Watches  
08.720 All unskilled laboring jobs in this process

#### 04.73 *Engraving*

- 04.730 Hand Engravers  
04.735 Machine Engravers  
04.739 Miscellaneous Engravers

#### 04.74 *Electroplating, Galvanizing, and Related Processes*

- 04.740 Electroplaters  
04.741 Dip Platers  
04.742 Inspectors  
04.749 Miscellaneous jobs in electroplating, Dip Plating, and Related Processes  
08.740 All unskilled laboring jobs in this process, including such as Plater Helpers; and Cleaners

#### 04.75 *Machine Tool Operation*

- 04.750 Machinists, including All Around Machinists; Construction Machinists; Automobile Machinists; and Journeyman Machinists  
04.751 Bench Fitters, Bench Machinists, and Lay-out Men  
04.752 Machine Set-up Men and Adjusters

#### 04.76 *Tool and Die Sinking and Setting*

- 04.760 Tool and Die Makers and Setters  
04.762 Tool Inspectors

#### 04.77 *Filing, Grinding, Buffing, and Polishing*

- 04.770 Buffers and Polishers  
04.773 Burnishers  
04.775 Filers

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**MANUFACTURING AND RELATED ACTIVITIES—Continued**

***Metalworking*—Continued**

**04.77 Filing, Grinding, Buffing, and Polishing—Continued**

04.777 Grinders

**04.78 Machine Shop and Related, n. e. c.**

04.780 Engine Lathe Operators

04.781 Turret Lathe Operators

04.782 Milling Machine Operators

04.783 Boring Machine Operators

04.784 Broaching Machine Operators

04.785 Drill Press Operators

04.786 Keyseating Machine Operators

04.787 Gear Cutting and shaping Machine Operators

04.788 Tapping and Threading Machine Operators

04.789 Centering Machine Operators

04.790 Special Lathe Operators

04.791 Special Drilling, Boring, and Reaming Machine Operators

04.792 Miscellaneous Machining Jobs

04.793 Precision Honers and Lappers

04.794 Precision Grinding Machine Operators

04.795 Metal Sawing Machine Operators

04.796 Machine Assemblers

04.797 Inspectors and Testers

04.799 Miscellaneous Machine Shop Jobs, including such as Balancing-Machine Operators; Mold Stampers; Benders; and Model Makers

08.780 All unskilled laboring jobs in this process, including such as Air-Chuck Operators; Babbitters; Gear Cleaners; Snag Grinder; and Tool Markers

**04.80 Sheet Metal Working**

04.801 Sheet-Metal Workers

**04.81 Foundry Moulding**

04.810 Bench Molders

04.811 Floor Molders

04.812 Machine Molders

**04.82 Foundry Operation, n. e. c.**

04.820 Core Makers

04.821 Sandblasters and Tumbling Barrel Operators

04.822 Sand Preparers and Mixers

04.824 Flask Makers

04.829 Miscellaneous Foundry Jobs

08.820 All unskilled laboring jobs in this process, including such as Casting Clearers; Casting Picklers; Flask Carriers; Firemen; and Ladle Skimmers

**MANUFACTURING AND RELATED ACTIVITIES—Continued**

***Metalworking*—Continued**

**04.83 Boilermaking**

04.830 Boilermakers

**04.84 Structural and Ornamental Metal Work**

04.841 Field Assemblers and Erectors

04.844 Field Riveters

04.845 Structural and Ornamental Metal Workers, Shop

04.849 Miscellaneous Structural and Ornamental Metal Workers

08.840 All unskilled laboring jobs in this process

**04.85 Welding and Flame Cutting**

04.851 Welders

04.853 Burners

04.857 Brazers

**04.86 Smithing and Forging**

04.860 Blacksmiths and Hand Forgemen

04.861 Hammersmiths and Machine Forgemen

04.863 Horseshoers and Farriers

**04.87 Heating Treating, Annealing, and Tempering**

04.870 All around Heat Treaters

04.871 Annealers

04.872 Hardeners

04.873 Temperers

04.879 Miscellaneous Heat Treaters, Annealers, and Temperers

08.870 All unskilled laboring jobs in this process

**04.88 Mechanical Treatment of Metals (Rolling, Stamping, Forging, Pressing, etc.) n. e. c.**

04.880 Sheet and Bar Rollers, Heaters, Feeders, and Catchers

04.881 Conveyers of Sheets and Bars

04.882 Testers and Gagers of Sheets and Bars

04.883 Pipe Makers and Wire Drawers

04.884 Arbor and Straightening Press Operators

04.885 Forming and Punching Press Operators

04.886 Sawing and Shearing Machine Operators

04.887 Forgers of Steel Plate and Metal

Forgers

04.888 Miscellaneous Jobs in the Mechanical Treatment of Metals

08.880 Unskilled Laboring Jobs in this process

**04.90 Ore Dressing**

04.900 Separators of Metals or Minerals from Ore

04.901 Operators of Ore Grinding and Milling Machinery

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### MANUFACTURING AND RELATED ACTIVITIES—Continued

#### *Metalworking*—Continued

##### **04.90 Ore Dressing**—Continued

- 04.909 Miscellaneous Ore Dressing Jobs
- 08.900 Unskilled Laboring jobs in this process

##### **04.91 Furnace Operation, Smelting, and Pouring**

- 04.910 Furnace Chargers
- 04.913 Furnace Tenders
- 04.916 Pourers, Ladle Men, and Tappers
- 04.919 Miscellaneous Jobs in Furnace Operation, Smelting, and Pouring
- 08.910 Unskilled laboring jobs in this process

##### **04.92 Production of Ferrous and Nonferrous Metals, n. e. c.**

- 04.920 Producers of Ferrous Metals, n. e. c.
- 04.921 Testers and Samplers, n. e. c.
- 04.928 Producers of nonferrous metals and alloys, n. e. c.
- 08.920 All unskilled laboring jobs in this process

##### **04.93 Fabrication of Metal Products, n. e. c.**

- 04.930 Makers of Tin Cans and other Tinware, n. e. c.
- 04.931 Makers of Wire and Wire Products, n. e. c.
- 04.932 Makers of Firearms, n. e. c.
- 04.933 Makers and Assemblers of Cutlery, tools, and Hardware, n. e. c.
- 04.934 Makers of Heating Apparatus and Plumbers Supplies, n. e. c.
- 04.935 Makers of Miscellaneous Ordnance Materials, n. e. c.
- 04.936 Makers of Miscellaneous Iron and Steel Products, n. e. c.
- 04.937 Enamelters of Metal Products, n. e. c.
- 04.941 Makers of Nonferrous Metal Products, n. e. c.
- 04.942 Sheet Metal Workers, n. e. c.
- 04.943 Jobs in the Manufacture of Agricultural Machinery and Equipment, n. e. c.
- 04.944 Makers and Assemblers of Office and Store Machines, Equipment, and supplies, n. e. c.
- 04.945 Makers and Assemblers of Refrigerating Machinery and Equipment, n. e. c.
- 04.946 Makers of Lighting Fixtures, n. e. c.
- 04.947 Fabricators, assemblers, and Inspectors, of Machinery, n. e. c.
- 08.930 All unskilled laboring jobs in this process

### MANUFACTURING AND RELATED ACTIVITIES—Continued

#### *Metalworking*—Continued

##### **04.95 Inter-Industry Metalworking**

- 04.950 Solderers
- 04.951 Lead Burners
- 04.952 Riveters and Riveting Machine Operators
- 04.953 Binders, Cutters, and Threaders of Pipe and Tubes
- 08.950 All unskilled laboring jobs in this process

#### *Electrical Work and the Manufacture of Electrical Equipment*

(04.970 through 05.009)

##### **04.97 Electrical Work**

- 04.970 Construction Electricians
- 04.971 Stage and Motion Picture Electricians
- 04.972 Ship Electricians
- 04.974 Electrical Servicemen and Repairmen
- 04.975 Power-House Electricians
- 04.976 Miscellaneous Electricians
- 04.978 Storage Battery Repairmen and Battery Chargers
- 08.970 All unskilled laboring jobs in this process

##### **04.98 Manufacture of Radios and Phonographs**

- 04.981 Makers, Assemblers, and Testers of Radios and Radio Parts
- 04.985 Makers, Assemblers and Testers of Phonographs and Phonograph Records
- 08.980 All unskilled laboring jobs in this process

##### **04.99 Manufacture of Electrical Machinery and Accessories, n. e. c.**

- 04.990 Winders of Coils, and Armatures
- 04.991 Banders and Tapers of Armatures and Coils
- 04.993 Enamelters, Varnishers, and Finishers
- 04.994 Balancers, Static and Dynamic
- 04.995 Inspectors
- 04.996 Miscellaneous Jobs in the Manufacture of Motors and Generators, including such as Wire-Brush Makers; Electrical Lay-out Men; and Breaker-Box Assemblers.
- 04.997 Makers of Insulated Wire Cable
- 08.990 All unskilled laboring jobs in this process

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

MANUFACTURING AND RELATED ACTIVITIES—Continued

*Electrical Work and the Manufacture of Electrical Equipment*—Continued

**05.00 Manufacture of Miscellaneous Electrical Equipment, n. e. c.**

05.000 Makers of light bulbs and radio tubes, including such as Sealing-Machine Operators; Gettering-Filament-Machine Operators; Bulb Branders; and Exhaust Operators.

05.001 Makers of Storage Batteries, including such as Battery Assemblers; Coating-Machine Operators; Grooving-Machine Operators; Lead Parts Casters; and Plate Drying-Machine Operators

05.002 Fabricators of Electrical Wire and Cable from Drawn Wire

05.003 Makers and Assemblers of Communications Equipment

05.004 Makers and Assemblers of Refrigeration Equipment

05.009 Makers and Assemblers of Miscellaneous Electrical Equipment, n. e. c.

09.000 All unskilled laboring jobs in this process, including such as Paper-Wrapping-Machine Operators; Lead-Kettle Operators; Saggermen; and Rubber Stainers

*Manufacture of Transportation Equipment*

(05.020 through 05.059)

**05.02 Manufacture of Automobiles, n. e. c.**

05.020 Fabricators of Automobile Parts, including such as Cylinder-Block-Rolling-Machine Operators; Radiator-Core Dippers; Torch Solderers; and Truck Men

05.023 Assemblers of Automobile, including such as General Assemblers; Door Panelers; Headlight Adjusters; Spring Fitters; and Door Adjusters

05.027 Inspectors, Testers, and Related

05.029 Miscellaneous jobs in the manufacture of Automobiles

09.020 All unskilled laboring jobs in this process, including such as Binding Appliers; Clutch Assemblers; Hair-Picking-Machine Operators; Wheel-Assemblers; and Wire Strippers

MANUFACTURING AND RELATED ACTIVITIES—Continued

*Manufacture of Transportation Equipment*—Con.

**05.03 Building of Aircraft, n. e. c.**

05.030 Fabricators of Aircraft Parts, including such as Airplane Covers; Spar Builders; and Wing-Frame Builders

05.035 Assemblers of Aircraft, including such as Detail Assemblers; Aircraft Riveters; and Skin Men

05.038 Inspectors and Testers

**05.05 Building Transportation Equipment (Except Automobiles and Aircraft), n. e. c.**

05.050 Builders of Railroad and Railway Cars and Locomotives, n. e. c., including such as Wheel Mounters; Wheel-Press operators; Car Trimmers; and Band-Trimmer Operators

05.051 Makers of Motorcycles, Bicycles, and Parts

05.052 Makers of Military Tanks

05.055 Builders of Ships and Boats, including such as Ship Riggers; Wood Caulkers; Hull inspectors; and Joggers

05.059 Miscellaneous Jobs in the Manufacture of Transportation Equipment

09.050 All unskilled laboring jobs in this process, including such as Babbitter Helpers; Riveter Helpers; Tender-Frame-Repairmen Helpers; Boatbuilder Helpers; Ship-Rigger Helpers; and Painter, Helper

*Manufacture of Miscellaneous Products*

(05.080 through 05.139)

**05.08 Manufacture of Spectacles and Spectacle Lenses**

05.080 Opticians, Lens Grinders, and Lens Polishers

05.085 Makers of Spectacle Frames, Lens Mounters, and Adjusters

**05.09 Manufacture of Professional and Scientific apparatus, n. e. c.**

05.091 Makers of Measuring Instruments

05.092 Makers of Photographic Apparatus and Materials

05.095 Orthopedic Technicians and other Makers of Surgical Appliances

05.096 Dental Technician

09.090 All unskilled laboring jobs in this process

**CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS**

**MANUFACTURING AND RELATED ACTIVITIES—Continued**

***Manufacture of Miscellaneous Products—Continued***

**05.10 Piano and Organ Tuning**

05.100 Piano Tuners

05.105 Organ Tuners.

**05.12 Manufacture of Miscellaneous Products**

05.120 Makers of Fabricated Plastic Products, including such as Plastic Mixers and Plastic Polishers

05.121 Makers of Wood and Metal Toys and Games

05.122 Makers of Sporting and Athletic Goods, including such as Golf Club Makers; Fly Tiers; and Tennis Racquet Stringers

05.123 Makers of Pencils and Crayons

05.124 Makers of Buttons, including such as Button-Cutting-Machine Operators; Polishers; and Hand Splitters

05.125 Makers of Artificial Flowers

05.126 Makers of Signs and Advertising Displays, including such as Lay-out Men; Neon-Tube Pumpers; Painters, Hand; and Electrode Men (neon gas)

05.127 Makers of Umbrellas, Parasols, and Canes and Plaster

05.128 Makers of Papier-Mâché and Plaster Mannequins, Models and Patterns, n. e. c.

05.129 Makers of Combs and Hairpins

05.130 Makers of Needles, Pins, and Related Products, including such as Coining Machine Operators; Chain-Machine Operators; Inspectors; and Indenting Machine Operators

05.131 Fur Dressers, Hair Clippers, Hair Mixers, and Related

05.132 Makers of Brooms and Brushes

05.133 Makers of Musical Instruments

05.134 Makers of Tobacco Pipes and Cigarette Holders

05.135 Wig Makers and Hair Workers

05.139 Makers of Miscellaneous Products, n. e. c.

09.120 All unskilled laboring jobs in this process, including such as Assortment Workers; Hand Cutters; Umbrella Finishers; Picking-Machine Operators; and Broom Labelers

**MANUFACTURING AND RELATED ACTIVITIES—Continued**

***Miscellaneous Manufacturing Processes***

(05.160 through 05.189)

**05.16 Painting, except Construction and Maintenance**

05.161 Stainers, Waxers, and Related

05.162 Painters and Finishers of Railroad and Railway Cars and Locomotives

05.163 Spray Painters

05.164 Operators of Painting, Lacquering, and Related Machines

05.165 Painters in the Manufacture of Automobiles

05.166 Furniture Finishers, n. e. c.

05.167 Miscellaneous Painters, including such as stove Refinishers; Mannequin Painters; Dip Painters; Varnishers; and Finishers

09.160 All unskilled laboring jobs in this process such as Barrel Painters; Tire Painters; and Drum Sprayers

**05.17 Pattern and Model Making, except Paper**

05.170 Patternmakers, including such as Machine Patternmakers; Wood Patternmakers; Metal Patterns Bench Hands; Loftsmen; Form Builders; and Template Makers

**05.18 Dyeing**

05.180 Dyers of Textiles

05.183 Color Mixers, Dye Weighers, Dye Fixers, and Related

05.185 Dyers of Leather

05.186 Dyers of Hats, Caps, and Millinery

05.189 Miscellaneous Dyers

09.180 All unskilled laboring jobs in this process

**NONMANUFACTURING ACTIVITIES**

(05.200 through 05.619)

***Extraction of Minerals***

(05.200 through 05.229)

**05.20 Production of Petroleum**

05.200 Casing Men

05.201 Treaters

05.202 Switchmen

05.203 Drillers, n. e. c.

05.209 Miscellaneous Jobs in the Production of Petroleum, including such as Tank Strappers; Condition Men; Gas-Well man; and Trainers

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**NONMANUFACTURING ACTIVITIES—Con.**

*Extraction of Minerals*—Continued

- 05.20 Production of Petroleum**—Continued  
09.200 All unskilled laboring jobs in this process including such as Derrickman Helpers; Roustabouts; and Truck Swampers
- 05.21 Mining and Mining-Machine Operation**  
05.210 Miners and Miners Helpers  
05.212 Cutters  
05.214 Machine Loaders  
09.210 All unskilled laboring jobs in this process
- 05.22 Extraction of Minerals, n. e. c.**  
05.220 Timbermen and Related  
05.221 Ore Samplers  
05.222 Checkers and Tallymen  
05.223 Treaters of Extracted Coal, Ore, and Rock  
05.225 Movers of Extracted Material  
05.226 Quarrymen  
05.228 Ventilation Men  
05.229 Miscellaneous Jobs in the extraction of Minerals, including such as Shaftmen; Flume Men; Panners; Centermen; and screen Attendants  
09.220 All unskilled laboring jobs in this process, including such as Coal Pickers; Shovelers; Incline Men; Slate Handlers; and Muckers
- Construction*  
(05.230 through 05.339)
- 05.23 Construction Machinery Operation, n. e. c.**  
05.230 Operators of Excavating and Grading Equipment  
05.233 Operators of Concrete-Mixing and Concrete-Paving Machines  
05.235 Operators of Asphalt Plants and Asphalt Paving Machines  
05.236 Pile-Driver Operators  
05.239 Operators of Miscellaneous Construction Machinery, including such as Shield Runners; Erector Operators; and Hydraulic Men  
09.230 All unskilled laboring jobs in this process
- 05.24 Brickwork, Stonework, and Tile Setting**  
05.240 Bricklayers  
05.242 Stoneworkers, including such as Stonemasons; Flagsetters; Stonesetters; and Stonemason Foremen

**NONMANUFACTURING ACTIVITIES—Con.**

*Construction*—Continued

- 05.24 Brickwork, Stonework, and Tile Setting**—Con.  
05.244 Marble and Tile Setters  
05.247 Terrazo Workers and Polishers  
09.240 All unskilled laboring jobs in this process
- 05.25 Carpentry**  
05.250 Bench and Shop Carpenters  
05.251 Construction Carpenters  
05.253 Stage and Scene Carpenters  
05.255 Car Building Carpenters  
05.256 Ship Building Carpenters  
05.258 Maintenance Carpenters  
05.259 Miscellaneous Carpenters  
09.250 All unskilled laboring jobs in this process
- 05.26 Cement and Concrete Finishing**  
05.261 Cement Finishers and Finishing Machine Operators  
09.260 All unskilled laboring jobs in this process
- 05.27 Painting, Construction and Maintenance**  
05.270 Construction Painters  
05.271 Ship and Boat Painters  
05.273 Miscellaneous Painters, n. e. c.  
09.270 All unskilled laboring jobs in this process
- 05.28 Paperhanging and Plastering**  
05.281 Paperhangers  
05.282 Plasterers  
09.280 All unskilled laboring jobs in this process
- 05.30 Plumbing, Gas Fitting, and Steam Fitting**  
05.300 Pipe Fitters  
05.302 Plumbers  
05.304 Steam Fitters  
09.300 All unskilled laboring jobs in this process
- 05.31 Roofing and Slating**  
05.311 Roofers  
05.314 Slaters  
09.310 All unskilled laboring jobs in this process
- 05.32 Construction, n. e. c.**  
05.320 Shorers  
05.321 Placers and Tamers of Metal Road Forms  
05.322 Concrete Mixers and Placers  
05.323 Bituminous Pavers, n. e. c.  
05.324 Reinforcing Iron Workers  
05.325 Pipe and Sewer Layers  
05.326 Pile Drivers

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### NONMANUFACTURING ACTIVITIES—Con.

#### *Construction*—Continued

- 05.32 Construction, n. e. c.—Continued**
- 05.327 Dredgers
  - 05.328 Tunnel Builders
  - 05.329 Wire and Cable Spinners
  - 05.330 Building Exterior Cleaners
  - 05.331 Waterproofers
  - 05.332 Well-Point Pumpmen
  - 05.333 Building Wreckers and Movers
  - 05.334 Floor Sanders
  - 05.335 Wire Fence Erectors
  - 05.336 All-Around House Builders
  - 05.337 Composition-Floor Layers
  - 05.338 Lathers and Furrers
  - 05.339 Miscellaneous Construction Jobs, including such as Coffer-Dam Builders; Well Diggers; and Seat Installers
  - 09.320 All unskilled laboring jobs in this process
- 05.34 Asbestos and Insulation Work**
- 05.341 Asbestos Workers and Insulators
  - 09.340 All unskilled laboring jobs in this process

#### *Transportation*

(05.350 through 05.499)

**05.35 Route Driving**

- 05.351 Routemen
- 09.350 All unskilled laboring jobs in this category, including such as Routemen Helpers; Jumpers; and Wagon Boys

**05.36 Operation of Buses, Taxis, Trucks and Tractors**

- 05.360 Chauffeurs and Taxi Drivers
- 05.361 Ambulance Drivers, Hearse Drivers, and other Emergency Vehicle Drivers
- 05.362 Truck Drivers
- 05.363 Tractor Drivers

**05.37 Packing of Supplies**

- 05.371 Packers
- 05.375 Teamsters.

**05.38 Railroad Braking and Switching**

- 05.380 Brakemen
- 05.383 Switchmen and Towermen.

**05.39 Conductors**

- 05.391 Street Car Conductors
- 05.393 Passenger Train Conductors

**05.40 Motor Operation, Except Railroad, Railway, and Bus**

- 05.401 Transporters of Molten Metal, includ-

### NONMANUFACTURING ACTIVITIES—Con.

#### *Transportation*—Continued

- 05.40 Motor Operation, Except Railroad, Railway, and Bus—Continued**
- ing such as Ladle Engineers; and Lead Motormen
  - 05.403 Mine Trammers, Dinky Operators, and Compressed-Air Motormen
- 05.41 Locomotive Operation**
- 05.410 Locomotive Engineers
  - 05.415 Locomotive Firemen
  - 05.417 Street, Subway, and Elevated Railway Motormen
- 05.42 Gate Tending and Train Calling**
- 05.421 Gate Tenders
  - 05.423 Train Callers
- 05.47 Boat Loading and Wharf Tending**
- 05.471 Stevedores
  - 05.473 Dockmen and Wharf Tenders
  - 09.470 All unskilled laboring jobs in this category, including such as Longshoremen; Hatch Tenders; Hold Men; and Wharf-Tender Helpers
- 05.48 Sailors and Deck Workers, except U. S. Navy**
- 05.481 Sailors
  - 09.480 All unskilled laboring jobs in this category, including such as Deckhands and Bargelemen
- 05.49 Transportation, n. e. c.**
- 05.490 Air Transportation Workers, n. e. c., including such as Parachute Packers; Linemen; and Gas Supply Men
  - 05.491 Water Transportation Workers, n. e. c., including such as Ferryboat Operators; Scow Captains; Motorboat Operators; Launch Captains; and Engine Room Officers
  - 05.492 Motor Transportation Workers, n. e. c., including such as Bus Dispatchers
  - 05.493 Railroad Transportation Workers, n. e. c., including such as Dispatchers and Street Railway Platform Men
  - 05.494 Pipe Line Workers, n. e. c., including such as Line Walkers; and Trouble Shooters
  - 05.495 Canal and Gate Keepers, n. e. c.
  - 09.490 All unskilled jobs in this category

#### *Communication and Utilities*

(05.510 through 05.549)

**05.51 Power Station Operation**

- 05.510 Power House and Substation Operators

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

NONMANUFACTURING ACTIVITIES—Con.

*Communication and Utilities*—Continued

05.53 *Line and Service Work, Telegraph, Telephone, and Power*

05.530 Installers of Telephone and Telegraph Equipment

05.532 Repairmen and Servicemen of Telegraph, Telephone, and Power Equipment

05.534 Lineman

05.539 Miscellaneous Linemen and Servicemen, including such as Transmission Engineers; Pipeman; Cable Splicers; and Testing and Regulating Men

05.54 *Utilities, n. e. c.*

05.543 Filterers, Purifiers, and Distributors of Water, including such as Dam Men; Water Filterers; Water Softeners; Purifying Plant Operators; and Water Tenders

05.547 Coal Pulverizers and Related Jobs

05.548 Disposers of Refuse and Sewage

09.540 All unskilled laboring jobs in this category, including such as Cable Pullers; Groundmen; Waterworks Laborers; and Screen Operators

*Trades and Services*

(05.550 through 05.609)

05.55 *Motion Picture Projection*

05.550 Motion Picture Projectionist

05.56 *Amusement, Recreation, and Motion Picture, n. e. c.*

05.560 Camera and Sound Equipment Operators, Except Cameramen

05.562 Motion Picture Production Stage Hands

05.563 Theatrical Stage Hands and Related Amusement and Recreation Jobs

05.564 Aquarium and Zoo Attendants

05.569 Miscellaneous Work in Amusement and Recreation

09.560 All unskilled laboring jobs in this category, including such as Billposters; Carnival Roustabouts; and Swimming Pool Attendants

05.57 *Laundering, Cleaning, and Pressing of Apparel and other Articles*

05.570 Receivers and Markers

05.571 Dry Cleaners

05.572 Wet Cleaners

05.573 Finishers and Pressers

NONMANUFACTURING ACTIVITIES—Con.

*Trades and Services*—Continued

05.57 *Laundering, Cleaning, and Pressing of Apparel and other Articles*—Continued

05.574 Fur Cleaners

05.576 Hat Cleaners and Blockers, not in factory

05.577 Rug Cleaners

05.578 Spotters

05.579 Miscellaneous Launderers, Cleaners, and Pressers, including such as Hand Laundrymen; Washing-Machine Operators; and Insecticide Sprayers

09.570 All unskilled laboring jobs in this process, including such as Feather Renovators; Curtain Starchers; Tie Pressers; Shakers, Shirt Folders; and Dampeners

05.58 *Meat cutting, except in packing and slaughtering houses*

05.581 Butchers and Meatcutters

05.59 *Trades and Services, n. e. c.*

05.590 Garment Markers, Fitters, and Related

05.591 Installers of Carpets, Upholstery, Bedding, and Related Products

05.592 Decorators; includes Window Trimmers and Display Men

05.594 Furniture Inspectors

05.595 Automobile Checkers

05.598 Miscellaneous Occupations in Trades and Services, including such as Ice Station Attendants; Termite Treaters; and Gasoline Salesmen

09.590 All unskilled laboring jobs in this category, including such as Junior Salespersons; Ice Pullers; Santa Claus; Floor Stock Girls; and Wrappers

*Public Service, n. e. c.*

(05.610 through 05.619)

05.61 *Public Service, n. e. c.*

05.610 Highway Maintenance Man

05.611 Park Cleaners and Caretakers

05.613 Lighthouse keepers

09.610 All unskilled laboring jobs in this category, including such as Municipal Service Laborers and Street Cleaners

*Miscellaneous Occupations*

(05.630 through 05.899)

05.63 *Nonprocess Manufacturing, n. e. c.*

05.639 Machinery and Equipment Cleaners

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### **NONMANUFACTURING ACTIVITIES—Con.**

#### *Miscellaneous Occupations—Continued*

##### **05.63 Nonprocess Manufacturing, n. e. c.—Con.**

05.630 All unskilled laboring jobs in this category, including such as Food and Tobacco Manufacturing Laborers; Textile Laborers; Lumber and Sawmill Laborers; Paper Manufacturing Laborers; Chemical Laborers; and Petroleum Product Laborers

##### **05.68 Packing, Filling, Labeling, Marking, Bottling and Related, n. e. c.**

05.680 Can, Bottle, and Jar Filling Machine Operators

05.681 Bag and Sack Filling Machine Operators

05.682 Fancy Hand Packers

05.683 Jar and Can Capping Machine Operators

05.684 Jar and Can Vacuum Sealing Machine Operators

05.685 Packers, Wrappers, and Craters (Heavy)

05.686 Sample Package Packers

05.687 Marking, Stamping, and Labeling Machine Operators

05.688 Hand Bundlers, Wrappers, and Tiers

05.689 Machine Bundlers, Wrappers, and Tiers

09.680 All unskilled laboring jobs in this category

##### **05.70 Firing of Boilers and Fireboxes, other than process firing**

05.700 Boiler Tenders

05.702 Marine Fireman

05.703 Heating Equipment Tenders, n. e. c., including such as Retort Firemen and Oven Firemen

##### **05.71 Machinery Oiling**

05.710 Oilers, Lubricators, and Greasers, including Marine Oilers

09.710 All unskilled laboring jobs in this category

##### **05.72 Stationary Operating Engineering**

05.720 Stationary Engineers, not including Diesel

05.722 Diesel Engineers

05.723 Refrigerating Engineers

05.724 Ventilating Equipment Operators

05.725 Pump and Air Compressor Operators

05.729 Miscellaneous Engineers, n. e. c., including such as Caisson-Compressor Engineers; Hydraulic-Machine Operators; and Fan Operators

### **NONMANUFACTURING ACTIVITIES—Con.**

#### *Miscellaneous Occupations—Continued*

##### **05.73 Crane, Derrick, Hoist, and Shovel Operation**

05.730 Cranemen

05.732 Power-Shovel Operators

05.733 Cable-Line Operators

05.735 Hoistmen

05.736 Derrick Boat Operators and Captains

05.737 Winchmen

09.730 All unskilled laboring jobs in this category

##### **05.74 Blasting and Powder Work**

05.740 Blastmen, Powder Monkeys, and Shot Firers

05.743 Powder Carriers and Workers

05.749 Miscellaneous Blasting Jobs and Related

09.740 All unskilled laboring jobs in this category

##### **05.75 Drilling in the extraction of minerals and in construction**

05.750 Machine Drillers

05.756 Hand Drillers

05.757 Jackhammer Operators

##### **05.76 Inspection, n. e. c.**

05.760 Railroad and Railroad Equipment Inspectors

05.761 Graders and Classers of Cotton, Tobacco, Butter, etc.

05.762 Power and Communication Inspectors

05.763 Petroleum Refining and Petroleum Production Inspectors

05.769 Miscellaneous Inspectors

##### **05.77 Glazing**

05.770 Glass Setters

05.771 Art Glass Workers

05.773 Glass Lay-out Men

09.770 All unskilled laboring jobs in this process

##### **05.78 Machine Maintenance**

05.781 Millwrights and Machine Erectors

##### **05.79 Railway Repairing**

05.790 Railroad Mechanics and Repairmen

05.795 Street Railway Mechanics and Repairmen

##### **05.80 Airplane Repairing**

05.801 Aircraft Mechanics

05.803 Aircraft Engine Mechanics

05.805 Aircraft Riggers

##### **05.81 Motor Vehicle Repair**

05.810 All-around Automobile Mechanics and Repairmen

05.811 Brake Repairmen and Adjusters

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

NONMANUFACTURING ACTIVITIES—Con.

*Miscellaneous Occupations*—Continued

**05.81 Motor Vehicle Repair**—Continued

- 05.812 Wheel Aliners and Wheelwrights
- 05.814 Repairmen of Electrical Automotive Equipment
- 05.815 Body, Fender, and Radiator Repairmen
- 05.816 Miscellaneous Repairmen of Motors and Chassis
- 09.810 All unskilled laboring jobs in this process, including Gas Station Attendants

**05.83 Mechanics and Repairmen, n. e. c.**

- 05.830 Household Appliance Servicemen and Installers
- 05.831 Office Machine Servicemen
- 05.832 Musical Instrument Repairmen
- 05.833 Elevator Installers
- 05.834 Electrical Repairmen, n. e. c., including Radio Repairmen
- 05.835 Meter Repairmen, Testers, and Installers
- 05.836 Gunsmiths and Locksmiths
- 05.837 Mine Equipment Repairmen
- 05.838 Maintenance Men and Maintenance Mechanics, n. e. c.
- 05.839 Miscellaneous Mechanics and Repairmen
- 09.830 All unskilled laboring jobs in this process, including such as Armature Solderers; Electric Motor and Generator Strippers; and Electric Motor Washers

**05.84 Tool Sharpening and Dressing**

- 05.840 Tool Dressers
- 05.841 Tool Grinders
- 05.842 Saw Sharpeners
- 05.843 Tool Filers
- 05.849 Miscellaneous Tool Sharpeners and Dressers

**05.85 Car Washing and Greasing**

- 05.851 Car and Truck Greasers
- 05.855 Steam Cleaners
- 09.850 All unskilled laboring jobs in this process, including such as Automobile Washers and Automobile Polishers

**05.86 Photographic Processing**

- 05.860 Developers, Printers, and Processors of Motion Picture Films, n. e. c.
- 05.861 Photostat Machine Operators, Blueprinting Machine Operators, and other Photographic Machine Operators, n.e.c.
- 05.865 Photograph Developers, Finishers, and Related.

NONMANUFACTURING ACTIVITIES—Con.

*Miscellaneous Occupations*—Continued

**05.86 Photographic Processing**—Continued

- 05.869 Miscellaneous Photographic Workers, including such as Blueprint Trimmers and Film Machine Operators
- 09.860 All unskilled laboring jobs in this process

**05.87 Surveying Jobs, except Surveyors.**

- 05.871 Rodman
- 05.872 Chainmen
- 05.874 Notekeepers
- 09.870 All unskilled laboring jobs in this category, including such as Axmen and Stakemen

**05.88 Warehousing, Storekeeping, Handling, Loading, Unloading, and Related, n. e. c.**

- 05.880 Loaders and Unloaders of Materials
- 05.882 Tenders of Mechanical Conveyor Systems
- 05.884 Movers of Materials, n. e. c.
- 05.886 Warehouses and Handlers of Material, n. e. c.
- 09.880 All unskilled laboring jobs in this category

**05.89 Miscellaneous, n. e. c.**

- 05.890 Divers, including such as Submarine Workers; Marine Drillers; Pearl Fishermen; and Spongers
- 05.893 Decorators and Painters, including such as Gold-Leaf Layers and Silk Screen Painters
- 05.895 Tire Retreaders and Repairs, n. e. c.
- 05.899 Miscellaneous jobs, n. e. c.
- 09.890 All unskilled laboring jobs in this category, including such as Grave Diggers

**FOREMEN**

(05.910 through 05.999)

**05.91 Foremen, Manufacturing** (For production supervisors who oversee and have an intimate knowledge of all jobs in a plant or in a large subdivision of a plant see industrial function "Production Supervision," page 43)

- 05.910 Foremen, Food and Beverage Manufacturing
- 05.911 Foremen, Tobacco Manufacturing
- 05.912 Foremen, Textile Manufacturing
- 05.913 Foremen, Fabricated, Textile Product Manufacturing
- 05.914 Foremen, Logging and Basic Lumber Product Manufacturing

**CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS**

**FOREMEN—Continued**

- 05.91 *Foremen, Manufacturing—Continued*
  - 05.915 Foremen, Finished Lumber Product Manufacturing
  - 05.916 Foremen, Paper and Paper Product Manufacturing
  - 05.917 Foremen, Printing and Publishing
  - 05.918 Foremen, Chemical and Chemical Product Manufacturing
  - 05.919 Foremen, Petroleum, Coal, and Gas Product Manufacturing
  - 05.920 Foremen, Rubber Goods Manufacturing
  - 05.921 Foremen, Leather and Leather Product Manufacturing
  - 05.922 Foremen, Stone, Clay, and Glass Product Manufacturing
  - 05.923 Foremen, Iron and Steel, and Iron and Steel Product Manufacturing
  - 05.924 Foremen, Transportation Equipment Manufacturing
  - 05.925 Foremen, Nonferrous Metal, and Non-ferrous Metal Product Manufacture
  - 05.926 Foremen, Electrical Equipment Manufacturing
  - 05.927 Foremen, Machinery Manufacturing
  - 05.928 Foremen, Automobile and Automobile Equipment Manufacturing
  - 05.929 Foremen, Miscellaneous Product Manufacturing
- 05.93 *Foremen, Extraction of Minerals*
  - 05.930 Foremen, Metal Mining
  - 05.931 Foremen, Anthracite Mining
  - 05.932 Foremen, Bituminous Coal Mining
  - 05.933 Foremen, Crude Petroleum and Natural Gas Production
  - 05.934 Foremen, Nonmetallic Mining
  - 05.935 Foremen, Quarrying
- 05.94 *Foremen, Construction*
  - 05.940 Construction Foremen
- 05.95 *Foremen, Transportation, Communication, and Utilities*
  - 05.950 Foremen, Transportation
  - 05.952 Foremen, Communication
  - 05.953 Foremen, Utilities
- 05.97 *Foremen, Services and Amusements*
  - 05.970 Foremen, Laundry and Cleaning, Dyeing and Pressing
  - 05.971 Foremen, Automobile Service
  - 05.972 Foremen, Amusement and Motion Pictures
  - 05.976 Foremen, Retail and Wholesale Trade
  - 05.979 Foremen, Miscellaneous Service

**FOREMEN—Continued**

- 05.99 *Foremen, u. e. c.*
  - 05.990 Foremen, Routing.
- APPRENTICES**  
(07.930 through 07.999)
- 07.93 *Carpentry*
  - 07.931 Carpenter's Apprentices
- 07.94 *Machine Shop*
  - 07.941 Machinists' Apprentices, including such as Tool and Die Maker Apprentices, and Instrument Maker Apprentices
- 07.95 *Electrical*
  - 07.951 Electricians' Apprentices
- 07.96 *Plumbing*
  - 07.961 Plumbers' Apprentices including such as Pipe-Fitter Apprentices, and Steam-Fitter Apprentices
- 07.97 *Apprentices to other Construction and Hand Trades*
  - 07.970 Apprentices to Metal Trades, including such as Blacksmith Apprentices; Boilermaker Apprentices; Sheet-Metal-Worker Apprentices; Molder Apprentices; and Coppersmith Apprentices.
  - 07.973 Apprentices to Stone Trades, including such as Stone-Carver Apprentices
  - 07.974 Apprentices to Masons including such as Bricklayer Apprentices; Stone Mason Apprentices; Concrete-Finisher Apprentices; Terrazzo-Worker Apprentices; and Tile-Setter Apprentices
  - 07.975 Apprentices to Painters and Paper-hangers
  - 07.977 Apprentices to other Construction Trades, including such as Glazier Apprentices; Roofer Apprentices; Structural-Steel-Worker Apprentices; and Ornamental-Iron-Worker Apprentices
- 07.98 *Apprentices to Printing Trades*
  - 07.980 Apprentices to Compositors and Type-setters, including such as Printer Apprentices; and Linotype-Operator Apprentices
  - 07.981 Apprentices to Electrotypers and Stereotypers, including such as Electrotypewriter Apprentices; Photoengraver Apprentices; and Stereotyper Apprentices
  - 07.984 Apprentices to Pressmen and Plate Printers
  - 07.989 Apprentices to Miscellaneous Printing Trades, including such as Bookbinder Apprentices

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### APPRENTICES—Continued

#### *07.99 Apprentices to other Trades*

- 07.990 Apprentices to Furnace Installers
- 07.991 Apprentices to Maintenance Mechanics
- 07.992 Apprentices to Welders
- 07.993 Apprentices to Elevator Installers
- 07.994 Apprentices to Operating Engineers
- 07.995 Apprentices to Stone-Polishers
- 07.996 Apprentices to Bakers
- 07.997 Apprentices to Airplane Mechanics
- 07.998 Apprentices to Automobile Mechanics
- 07.999 Miscellaneous Apprentices, n. e. c., including such as Brush-Maker Apprentices; Plater Apprentices; Etcher Apprentices; Cutter Apprentices; Jeweler Apprentices; Kiln-Operator Apprentices; Millman Apprentices; Asbestos-Worker Apprentices; Lather Apprentices; Watch Maker Apprentices; Loftsmen Apprentices; Meat Cutter Apprentices; Weaver Apprentices; Optician Apprentices; Upholsterer Apprentices; Pattern Maker Apprentices; and Model Maker Apprentices
- 09.999 This code is not to be used for classification. Reserved for Machine Record unit totalizations

### **2. GROUP "B"—PROFESSIONAL, SEMIPROFESSIONAL, MANAGE- RIAL, AND ADMINISTRATIVE OC- UPATIONS.**

#### GOVERNMENTAL ORGANIZATIONS AND SERVICES (11)

This designation covers occupational fields peculiar to Government. If an occupation occurs in Government, but is more prevalent elsewhere, the classification should be sought in another section of this code structure. For example, an entomologist employed by the Government should be classified under "Biology."

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Social science research, surveys and planning
- 2 Technical research and surveys
- 3 Investigation
- 4 Appraising

#### GOVERNMENTAL ORGANIZATIONS AND SERVICES (11)—Continued

- 5 Quasi judicial commission or board membership
- 6 Purchasing
- 9 Function not specified above

(For students and for those with generalized experience see 11.x97 and 11.x98)

#### *Social Services (fact-finding about, aid to, and regulation of)*

- 11.x00 General
- 11.x01 Public Health
- 11.x02 Youth programs
- 11.x03 Minority groups (including Indian)
- 11.x04 Food distribution
- 11.x05 Housing (for financial aid see page 65)
- 11.x06 Labor supply (including employment)\*
- 11.x07 Labor disputes (including arbitration and conciliation)\*
- 11.x08 Wages, hours, and working conditions\*
- 11.x11 Unemployment insurance and workmen's compensation\*
- 11.x12 Unemployment relief\*
- 11.x13 Old age and other social insurance\*
- 11.x14 Consumer services\*
- 11.x15 Penal and correctional institutions
- 11.x16 Recreation facilities and museums (including parks)
- 11.x17 Education
- 11.x19 Not classified above

#### *Industry and Commerce (fact-finding about, aid to, and regulation of)*

- 11.x20 General
- 11.x21 Antitrust activities
- 11.x22 Priorities and other material control plans
- 11.x23 Price control and rationing
- 11.x24 Pure food and drugs
- 11.x25 Narcotics and alcoholic beverages
- 11.x26 Foreign trade
- 11.x27 Licenses for regulating purposes, other
- 11.x29 Not classified above

#### *Exploiters of Natural Resources (fact-finding about, paid to, and regulation of)*

- 11.x30 General
- 11.x31 Agriculture
- 11.x32 Forestry
- 11.x33 Wildlife (fish and game)
- 11.x34 Anthracite coal mining

\*For "Economists" within this group, see 60.x70 through 60.x89; for Personnel Specialists, see 57.x20 group.

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### GOVERNMENTAL ORGANIZATIONS AND SERVICES (11)—Continued

#### *Exploiters of Natural Resources (fact-finding about, paid to, and regulation of)—Continued*

- 11.x35 Bituminous coal mining
- 11.x36 Crude petroleum and natural gas
- 11.x37 Metal mining
- 11.x38 Mining and quarrying, other
- 11.x39 Not classified above

#### *Financial Institutions (fact-finding about, aid to, and regulation of)*

- 11.x40 General
- 11.x41 Banks and clearing houses
- 11.x42 Credit agencies other than banks—long or short term
- 11.x43 Investment trusts and companies
- 11.x44 Holding companies
- 11.x45 Securities brokers and exchanges
- 11.x46 Commodity brokers and exchanges
- 11.x47 Insurance companies
- 11.x49 Not classified above

#### *Public Utilities (fact-finding about, aid to, and regulation of)*

- 11.x50 General
- 11.x51 Railroad or motor transportation (including urban)
- 11.x52 Water transportation
- 11.x53 Air transportation
- 11.x54 Communication
- 11.x55 Gas and fuel
- 11.x56 Power and light
- 11.x57 Water and sanitation
- 11.x58 Pipe lines
- 11.x59 Not classified above

#### *Public Finance*

- 11.x60 General
- 11.x61 Income, inheritance, gift, and estate taxes
- 11.x62 Property taxes (including real, tangible, and intangible)
- 11.x63 Licensing for revenue purposes (including motor vehicles)
- 11.x64 Customs
- 11.x65 Sales and amusement taxes
- 11.x66 Excise tax (except sales)
- 11.x67 Governmental borrowing
- 11.x68 Budgeting
- 11.x69 Not classified above

#### *Governmental Organizations and Services (Other)*

- 11.x70 General
- 11.x71 International and foreign affairs
- 11.x72 Censorship (for any purpose)
- 11.x73 Professional licensing

### GOVERNMENTAL ORGANIZATIONS AND SERVICES (11)—Continued

#### *Governmental Organizations and Services (Other)—Continued*

- 11.x74 Weather observation and forecasting
- 11.x75 Army
- 11.x76 Navy, Marine Corps, and Coast Guard
- 11.x77 Judicial (administrative only)
- 11.x78 Legislative bodies
- 11.x79 Municipal and local administrations
- 11.x80 State administration
- 11.x81 Vital statistics (as in municipal and county records)
- 11.x82 Fire fighting
- 11.x83 Criminal law enforcement
- 11.x84 Census taking and reporting
- 11.x85 Immigration, naturalization, and alien control
- 11.x86 Post office
- 11.x87 Copyright
- 11.x88 Patents
- 11.x89 Selective Service System
- 11.x91 Civil Service
- 11.x97 Student (either a fourth year, or a graduate student in government who does not indicate a field of specialization)
- 11.x98 Individual experienced in two or more of the above (italicized) fields
- 11.x99 Not classified above

## PHYSIOLOGY (12)

Included in this classification are persons engaged (not as physicians) in the fields of general physiology, neurophysiology, muscle physiology, functioning of the heart and respiratory system, digestion and excretion, and endocrinology.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions, including administration)
- 1 Directing (laboratory)
- 2 Editing and writing
- 5 Teaching (college level)
- 7 All semiprofessional functions (including technicians)
- 8 Research
- 9 Function not specified above

(For students and for those with generalized experience see 12.x97 and 12.x98.)

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

PHYSIOLOGY (12)—Continued

*Physiology*

- 12.x00 General
- 12.x01 Cell permeability (including membranes, anaerobic glycolysis)
- 12.x02 Enzyme systems (including protein characterization)
- 12.x03 Excitation phenomena (including redox potentials, tropisms)
- 12.x04 Embryonic growth (including fetal oxidations, respiration, circulation)
- 12.x05 Developmental physiology (including primary reactions, behavior patterns, organization and organizers)
- 12.x06 Metabolism, general (including respiratory exchange, heat production, carbohydrates, fats, proteins, body fluids)
- 12.x09 Not classified above

*Neurophysiology*

- 12.x10 General
- 12.x11 Brain function
- 12.x12 Autonomic system
- 12.x13 Spinal cord
- 12.x14 Excitation and transmission
- 12.x15 Electroencephalography
- 12.x16 Nerve metabolism
- 12.x17 Vision
- 12.x18 Hearing, smell, taste, or touch
- 12.x19 Not classified above

*Muscle Physiology*

- 12.x20 General
- 12.x21 Smooth muscles
- 12.x22 Cardiac muscles
- 12.x23 Skeletal muscles
- 12.x24 Metabolism (including heat production, fatigue)
- 12.x29 Not classified above

*Heart and Circulation*

- 12.x30 General
- 12.x31 Electrocardiography
- 12.x32 Vasomotor system
- 12.x33 Edema
- 12.x34 Hypertension
- 12.x35 Hematology (including hemodynamics, blood)
- 12.x36 Lungs (including respiration, resuscitation)
- 12.x37 Industrial hazards (including altitude and decompression sickness)
- 12.x38 Anesthesia
- 12.x39 Not classified above

*Digestion and Excretion*

- 12.x40 General

PHYSIOLOGY (12)—Continued

*Digestion and Excretion—Continued*

- 12.x41 Digestive juices
- 12.x42 Absorption
- 12.x43 Large intestine
- 12.x44 Kidney
- 12.x45 Bladder and bladder reflexes
- 12.x49 Not classified above

*Endocrinology*

- 12.x50 General
- 12.x51 Pituitary
- 12.x52 Thyroid
- 12.x53 Parathyroid
- 12.x54 Pancreas
- 12.x55 Adrenal
- 12.x56 Male hormones
- 12.x57 Female hormones
- 12.x58 Pineal
- 12.x59 Not classified above

*Physiology (Other)*

- 12.x90 General
- 12.x97 Student (either a fourth year of a graduate student in physiology who does not indicate a field of specialization)
- 12.x98 Physiologist experienced in two or more of the above (italicized) fields
- 12.x99 Not classified above

BIOLOGY (13)

This designation covers the field of biology, including botany, zoology, and entomology. Included are such special fields as economic aspects, cytology, histology, physiology, chemistry, taxonomy, morphology, anatomy, and insect control.

The third digit (indicated by "x" in the code numbers), provides for further classification according to the following functions:

- 0 General (two or more functions, including administration)
- 1 Directing (laboratory)
- 2 Extension work
- 3 Editing and writing
- 4 ?
- 5 Teaching (college level)
- 6 All semiprofessional functions (including technicians)
- 7 Research
- 8 Directing (field work)
- 9 Function not specified above

(For students and for those with generalized experience see 13.x97 and 13.x98)

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### BIOLOGY (13)—Continued

#### *Biology*

- 13.x00 General
- 13.x01 Natural history
- 13.x02 Economic botany, food plants (including classification and adaption of crop plants)
- 13.x03 Economic botany, medicinal plants (including medicinal, drug and poisonous plants)
- 13.x04 Economic botany, forest and plant products (including wildlife food plants, forage plants, and fiber plants)
- 13.x05 Economic zoology, fishes (including sponges, shellfish, lobsters, crabfish, fresh water, and marine fish)
- 13.x06 Economic zoology, poultry and livestock (including predatory groups)
- 13.x07 Biostatistics and population statistics
- 13.x08 Genetics (including human heredity and systems of breeding)
- 13.x09 Not classified above

#### *Botany*

- 13.x10 General
- 13.x11 Plant anatomy (including comparative morphology and organography)
- 13.x12 Cytology (including cytogenetics, protoplasm, cellulose, polyploidy, and cyt-taxonomy)
- 13.x13 Histology (including microtechnique)
- 13.x14 Plant nutrition (including growth hormones and vitamins, photosynthesis, and metabolism)
- 13.x15 Phytochemistry and phytophysics
- 13.x16 Embryology (including reproduction and propagation)
- 13.x17 Evolution (including paleobotany and phylogeny)
- 13.x18 Ecology (including phytogeography, plant succession and association, plant indicators, pollen analysis, and peat studies)
- 13.x19 Not classified above

#### *Plant Taxonomy*

- 13.x30 General
- 13.x31 Algology
- 13.x32 Phytoplanktonology
- 13.x33 Mycology
- 13.x34 Lichenology
- 13.x35 Bryology
- 13.x36 Pteridology
- 13.x37 Agrostology
- 13.x38 Seed plants

### BIOLOGY (13)—Continued

#### *Plant Taxonomy*—Continued

- 13.x39 Not classified above

#### *Zoology*

- 13.x40 General
- 13.x41 Ecology (including distribution, habitat, environment variations, animal aggregates, symbiosis, commensalism, stabilized populations, and water conditioning)
- 13.x42 Histology
- 13.x43 Cytology
- 13.x44 Stain technology
- 13.x45 Microscopy, general (including microchemical tests in tissue, freshwater organisms, and plankton)
- 13.x46 Morphology, invertebrate, general (including topographic and functional anatomy)
- 13.x47 Morphology, vertebrate, general (including topographic and functional anatomy)
- 13.x48 Taxonomy, general (including significance, species, variations, orders, phyletic series)
- 13.x49 Not classified above

#### *Invertebrate and Vertebrate Zoology*

- 13.x50 General
- 13.x51 Invertebrate zoology, protozoa
- 13.x52 Invertebrate zoology, sponges, coelenterates, nematodes, echinoderms, molluscs, and crustacea)
- 13.x53 Invertebrate zoology, insects and arachnids
- 13.x54 Vertebrate zoology, mammals
- 13.x55 Vertebrate zoology, fish
- 13.x56 Vertebrate zoology, amphibians
- 13.x57 Vertebrate zoology, reptiles
- 13.x58 Vertebrate zoology, birds
- 13.x59 Not classified above

#### *Entomology*

- 13.x60 General
- 13.x61 Apiculture
- 13.x63 Identification and classification
- 13.x64 Physiology and morphology
- 13.x65 Operations to control insects, human pests
- 13.x66 Operations to control insects, field pests
- 13.x67 Operations to control insects, household pests, and commodity pests
- 13.x68 Operations to control insects, livestock pests
- 13.x69 Not classified above

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

BIOLOGY (13)—Continued

*Insect Pests*

- 13.x70 General
- 13.x71 Insect pests of raw and manufacturing commodities—food products, cereal food, dried fruits, seeds, and nuts
- 13.x72 Insect pests of raw and manufacturing commodities—animal products
- 13.x73 Insect pests of raw and manufacturing commodities—fabrics
- 13.x74 Insect pests of field and cultivated crops (including cotton, tobacco, truck crops, forage crops, greenhouse crops, and ornamentals)
- 13.x75 Insect pests of fruits, nuts, and shade trees (including deciduous fruits, nuts, citrus and tropical fruits, grapes and berries, and shade trees)
- 13.x76 Insect pests of forests (including coniferous and deciduous types)
- 13.x77 Insects affecting man and animals (including mosquitoes and flies)
- 13.x78 Insects affecting man and animals (including ticks, bedbugs, lice, and roaches)
- 13.x79 Not classified above

*Experimental Zoology*

- 13.x80 General
- 13.x81 Regeneration and transplantation
- 13.x82 Experimental embryology
- 13.x83 Histochemistry
- 13.x84 Biochemistry and experimental cytology
- 13.x85 Biophysics
- 13.x86 Morphogenesis
- 13.x87 Functional modification
- 13.x88 Microdissection
- 13.x89 Not classified above

*Biology (other)*

- 13.x90 General
- 13.x91 Photoperiodism and tropisms
- 13.x92 Dendrology
- 13.x93 Invertebrate zoology, n. e. c.
- 13.x94 Regulatory operations against insects, domestic and foreign commerce
- 13.x95 Insects affecting man and animals, n. e. c.
- 13.x97 Student (either a fourth year, or a graduate student in biology who does not indicate a field of specialization)
- 13.x98 Entomologist experienced in two or more of the above (italicized) fields
- 13.x99 Not classified above

NUTRITION (14)

Included in this designation are professional occupations in nutrition covering such specialized fields as food utilization, vitamin and mineral requirements, methods of metabolic study, nutritional histories, menu planning, allergy, anemias, thyroid, pituitary and adrenal disease, obesity, febrile disease, cardio-vascular disease, and poisoning.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Research
- 2 Editing and writing
- 4 Teaching (college level)
- 5 Directing (clinics and laboratories)
- 6 All semiprofessional functions (including technicians)
- 7 Nutrition analysis (chemical)
- 8 Nutrition analysis (medical)
- 9 Function not specified above

(For students and for those with generalized experience see 14.x97 and 14.x98)

*Nutrition*

- 14.x00 General
- 14.x01 Food utilization
- 14.x02 Food classification
- 14.x03 Food habits and their modifications
- 14.x04 Vitamin and mineral requirements
- 14.x05 Methods of metabolic study (including respiratory quotient, basal metabolism, total metabolism, variations)
- 14.x06 Energy requirements
- 14.x07 Nutritional histories (including analysis of blood, urine, and feces for composition)
- 14.x09 Not classified above

*Diets*

- 14.x10 General (including hospital dietetics and equivalent)
- 14.x11 Common foods (includes normal diet, balance factors)
- 14.x12 Menu planning
- 14.x13 Caloric calculations
- 14.x14 Food equivalents
- 14.x19 Not classified above

*Diet, Therapy and Modification*

- 14.x20 General
- 14.x21 Allergy
- 14.x22 Anemias, malnutrition
- 14.x23 Thyroid, pituitary and adrenal disease

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### NUTRITION (14)—Continued

#### Diet, Therapy and Modification—Continued

- 10.x24 Diabetes, gout
- 14.x25 Obesity
- 14.x26 Febrile disease
- 14.x27 Digestive system disease
- 14.x28 Cardio-vascular disease
- 14.x31 Poisoning (including metallic)
- 14.x39 Not classified above

#### Nutrition (other)

- 14.x90 General
- 14.x97 Student (either a fourth year, or a graduate student in Nutrition who does not indicate a field of specialization)
- 14.x98 Nutritionist experienced in two or more of the above (*italicized*) fields
- 14.x99 Not classified above

### FUNCTIONS FOR INDUSTRIES

(To be used for all industrial groups except Transportation (11) page 38.

#### 0 Over-all and coordinating management.

This designation covers the activities of top management, as in the following examples: president of firm; owner of firm; partner of firm; or company official. This code indicates wide executive and administrative duties and responsibilities not classifiable by one of the following functions or by a code elsewhere in this manual:

#### 1 Production supervision.

This designation is intended for the classification of production supervisors who oversee and have an intimate knowledge of all the jobs in a plant or in a large subdivision of a plant. Straw bosses and the equivalent should be coded as Foremen (05.910 through 05.999).

#### 2 Purchasing.

This function describes the duties of a buyer in the specialized field to which this code is assigned. In some instances, particularly in manufacturing industry, this function implies only purchasing. In other instances, particularly in retail trade, the purchasing function implies not only its face value meaning, but also merchandising, promotion or sales department supervision. Essentially, therefore, this code is used to describe the principal function of buying, plus whatever other functions a buyer performs in his specific industry.

### FUNCTIONS FOR INDUSTRIES—Continued

#### Purchasing—Continued

Do not use this classification for the specialist concerned with purchasing policies and procedures. Such an individual should be classified either under Governmental Organizations and Services (11) page 39 or under Management and Administrative Technique (57) page 85, depending upon whether the experience was developed in, respectively, government or private industry.

#### 3 Sales.

This designation covers the sales or sales management activity of those who have a comprehensive and, usually, a technical knowledge of what they sell. Classify by this function only individuals who are the equivalent of a manufacturing firm's sales engineer, and individuals who have had long experience in the production of their "line." Salesmen and sales managers whose success is based mainly on selling ability, rather than on technical knowledge of their commodities, processes or services, should be coded under Sales and Kindred Occupations (01.500 through 01.999), regardless of income level.

Sales personnel who logically may be catalogued by this function are employed mainly by manufacturing industry; an intermediate number come from wholesale trade; while a very small number come from retail trade and the remaining industrial groups. Accordingly, most sales personnel should be coded under Sales and Kindred Occupations and not by the above function.

#### 4 Warehousing, storage or transportation.

This designation covers industrial traffic managers, warehouse managers, superintendents of intraplant traffic, and the equivalent. Shipping clerks, receiving clerks and the like should be coded under 01.34. (See "65—Transportation")

#### 5 Technology.

This designation covers all applied science (other than engineering), including chemistry, physics, and bacteriology. Specifically, this function might be applied to "computing machines and cash registers," to describe a mathematician who collaborates in the design of such equipment; or, applied to "insecticides and fungicides," this code could

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### FUNCTIONS FOR INDUSTRIES—Continued

#### *Technology*—Continued.

delineate an agronomist assisting in the development of new chemical agents for the destruction of insects and fungi which attack crops.

#### **6 Engineering.**

This designation covers all activities of engineers working in industry, except for industrial engineers (as defined in the U. S. E. S. Dictionary of Occupational Titles). Classification of the latter will be found under "45—Industrial and Safety Engineering." This code structure permits classification of all engineers other than industrial engineers in two ways:

- (1) Under Manufacturing Industries in combination with function "6—Engineering"; or
- (2) Under "Physical Sciences and Related Fields" with the several functions attached thereto.

Classification for engineers should be sought first under "Physical Sciences and Related Fields." If an adequate code can be located among those classifications, it should be used in preference to one taken from "Industries."

#### **8 Cost Accounting.**

This designation supplements the codes listed under Accounting, and is to be used when a cost accountant has had extensive experience in one specialized industry, particularly when that industry presents complex problems in production cost analysis. (See "63—Accounting")

#### **9 Not classified above.**

This designation should be used with great discretion. It is intended only for the coding of functions at a level with the above, and not adequately described elsewhere in this manual.

### MANUFACTURING INDUSTRIES

#### *Food and Kindred Products* (15.x00—General)

- 15.x01 Meat products, *general*
- 15.x02 Meat packing, wholesale
- 15.x03 Custom slaughtering, wholesale
- 15.x04 Sausages and other prepared meat products
- 15.x05 Sausage casings
- 15.x06 Poultry dressing and packing, wholesale

### MANUFACTURING INDUSTRIES—Continued

#### *Food and Kindred Products*—Continued

- 15.x07 Dairy products, *general*
- 15.x08 Creamery butter
- 15.x09 Cheese
- 15.x10 Condensed and evaporated milk
- 15.x11 Ice cream and ices
- 15.x12 Special dairy products
- 15.x13 Canning and preserving fruits, vegetables, and sea foods, *general*
- 15.x14 Canned fish, crustacea, and mollusks
- 15.x15 Cured fish
- 15.x16 Canned and dried fruits, vegetables, and soups
- 15.x17 Preserves, jams, and jellies
- 15.x18 Pickled fruits and vegetables; vegetable sauces and seasonings
- 15.x19 Salad dressings
- 15.x20 Quick-frozen foods
- 15.x21 Grain-mill products, *general*
- 15.x22 Flour and other grain-mill products
- 15.x23 Prepared feeds for animals and fowls
- 15.x24 Cereal preparations (including breakfast foods and coffee substitutes)
- 15.x25 Rice cleaning and polishing
- 15.x26 Blended and prepared flour
- 15.x27 Bread and other bakery products (including biscuit, crackers, and pretzels)
- 15.x28 Sugar, *general*
- 15.x29 Cane sugar (except refineries)
- 15.x30 Cane-sugar refining
- 15.x31 Beet sugar
- 15.x32 Confectionery and related products (including candy, chocolate and cocoa products, and chewing gum)
- 15.x33 Beverage industries, *general*
- 15.x34 Nonalcoholic beverages
- 15.x35 Malt liquors
- 15.x36 Malt
- 15.x37 Wines
- 15.x38 Distilled, rectified and blended liquors
- 15.x39 Miscellaneous food preparations, *general*
- 15.x40 Cooking and other edible fats and oils, n. e. c.
- 15.x41 Oleomargarine
- 15.x42 Corn syrup, corn sugar, corn oil, and starch

**CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS**

**MANUFACTURING INDUSTRIES—Continued**

***Food and Kindred Products*—Continued**

- 15.x43 Flavoring extracts and flavoring syrups n. e. c.
- 15.x44 Baking powder, yeast, and other leavening compounds
- 15.x45 Manufactured ice
- 15.x47 Macaroni, spaghetti, vermicelli, and noodles
- 15.x49 Food preparations, n. e. c.

***Tobacco Products* (15.x50—General)**

- 15.x51 Cigarettes
- 15.x52 Cigars
- 15.x53 Tobacco (chewing and smoking) and snuff
- 15.x54 Tobacco stemming
- 15.x59 Tobacco products, n. e. c.

***Textile-Mill Products* (15.x60—General)**

- 15.x61 Cotton textile products, general
- 15.x62 Cotton broad woven goods
- 15.x63 Cotton smallwares
- 15.x64 Cotton yarn and thread
- 15.x65 Rayon and silk textile products, general
- 15.x66 Rayon and silk smallwares and broad woven goods
- 15.x67 Rayon and silk yarn and thread
- 15.x68 Woolen and worsted textile products, general
- 15.x69 Woolen and worsted yarn and woven goods
- 15.x70 Wool scouring and combing
- 15.x71 Dyeing and finishing woolen and worsted goods
- 15.x72 Knit products, general
- 15.x73 Hosiery, full fashioned
- 15.x74 Hosiery, seamless
- 15.x75 Knit fabric
- 15.x76 Knit outerwear (except gloves and mittens)
- 15.x77 Knit underwear
- 15.x78 Knit gloves and mittens (seamless fingered)
- 15.x79 Knit goods, n. e. c.
- 15.x80 Dyeing and finishing textiles (except woolen and worsted), general
- 15.x81 Dyeing and finishing cotton and linen goods
- 15.x82 Dyeing and finishing silk and rayon woven fabrics

**MANUFACTURING INDUSTRIES—Continued**

***Textile-Mill Products*—Continued**

- 15.x83 Cloth sponging and miscellaneous special finishing (including waxing)
  - 15.x84 Wool carpets, rugs and floor coverings, general
  - 15.x85 Carpets, rugs and mats (except wool)
  - 15.x86 Linoleum, asphalted felt base, and other hard-surface floor coverings, n. e. c.
  - 15.x87 Hats, general (except cloth and millinery—see “Apparel 16.x07”)
  - 15.x88 Fur-felt hats
  - 15.x89 Woolfelt hats
  - 15.x90 Straw hats
  - 15.x91 Hatter’s fur
  - 15.x92 Miscellaneous textile goods, general
  - 15.x93 Lace goods
  - 15.x94 Paddings and upholstery filling
  - 15.x95 Processed waste and recovered fibers
  - 15.x96 Artificial leather
  - 15.x97 Felt goods (except woven felts and hats)
  - 15.x98 Linen and jute goods (except jute felt)
  - 15.x99 Textile goods, n. e. c. (including cordage and twine)
- Apparel* (16.x00—General)**
- 16.x01 Men’s and boys’ clothing, general
  - 16.x02 Men’s and boys’ trousers, suits, coats and overcoats
  - 16.x03 Men’s and boys’ shirts (except work shirts) and nightwear
  - 16.x04 Men’s and boys’ underwear
  - 16.x05 Work, sport, and other clothing, n. e. c. (including work shirts)
  - 16.x06 Men’s neckwear
  - 16.x07 Men’s cloth hats and caps
  - 16.x08 Hat and cap materials (including visors, sweat bands, and trimmings)
  - 16.x09 Women’s and misses’ outerwear, general
  - 16.x10 Women’s and misses’ suits and coats (including skirts)
  - 16.x11 Women’s and misses’ dresses
  - 16.x12 Household apparel (including aprons, smocks, and nurses’ uniforms)
  - 16.x13 Women’s and misses’ blouses and waists
  - 16.x14 Women’s and misses’ outerwear, n. e. c. (including beachwear, riding habits, and ski suits)

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**MANUFACTURING INDUSTRIES—Continued**

*Apparel* (16.x00—General)—Continued

- 16.x15 Women's under garments and related accessories, *general*
- 16.x16 Women's, children's, and infants' underwear and nightwear
- 16.x17 Corsets and allied garments
- 16.x18 Women's neckwear and scarves
- 16.x19 Millinery
  
- 16.x20 Children's and infants' outerwear, *general*
- 16.x21 Children's and infants' dresses
- 16.x22 Children's and infants' coats
- 16.x23 Children's and infants' outerwear, n. e. c.
- 16.x24 Fur goods (including coats, accessories and trimmings; for fur dressing and dyeing see "Miscellaneous Manufacturing Industries")
  
- 16.x25 Miscellaneous apparel and accessories, *general*
- 16.x26 Gloves and mittens, seamed (made of knit or woven fabrics, including combinations of fabric and leather)
- 16.x27 Belts, suspenders, garters, and related products
- 16.x28 Raincoats and other waterproof garments
- 16.x29 Leather and sheep-lined clothing
- 16.x30 Miscellaneous apparel, n. e. c. (including academic caps and gowns, vestments, and theatrical costumes)
- 16.x31 Pleating, stitching, tucking, and embroidery (including trimmings and art needlework)
- 16.x32 Curtains, draperies, and bedspreads
- 16.x33 Housefurnishings (including sheets, blankets, and slip covers)
- 16.x34 Textile bags (including cotton and burlap)
- 16.x35 Canvas products
- 16.x39 Miscellaneous fabricated textile products, n. e. c.

*Lumber and Timber Basic Products* (16.x40—General)

- 16.x41 Logging camps and logging contractors
- 16.x42 Sawmills (*general*)
- 16.x43 Veneer mills
- 16.x44 Shingle mills
- 16.x45 Cooperage-stock mills

**MANUFACTURING INDUSTRIES—Continued**

*Lumber and Timber Basic Products*—Continued

16.x46 Special-product sawmills, n. e. c.

16.x47 Planing mills

16.x48 Plywood mills

16.x49 Lumber and timber basic products, n. e. c.

*Furniture and Finished Lumber Products* (16.x50—General)

16.x51 Household furniture, *general*

16.x52 Wood household furniture

16.x53 Upholstered furniture

16.x54 Reed and rattan furniture

16.x55 Metal household furniture

16.x56 Mattresses and bedsprings

16.x57 Household furniture, n. e. c.

16.x58 Wood and metal office furniture, *general* (including restaurant furniture)

16.x59 Wood office furniture (including restaurant furniture)

16.x60 Metal office furniture (including restaurant furniture)

16.x61 Public building furniture (including wooden blackboards, theater seats, and seats for public conveyances)

16.x62 Professional furniture (including laboratory work tables, operating tables, and hospital beds)

16.x63 Office and store fixtures (including restaurant fixtures)

16.x64 Wooden containers, *general*

16.x65 Fruit and vegetable baskets

16.x66 Rattan and willow wares (except furniture, and fruit and vegetable baskets)

16.x67 Wooden boxes

16.x68 Cooperage

16.x69 Miscellaneous wood products, *general*

16.x70 Window shades (regardless of the materials used)

16.x71 Window and door screens and weather-strip (regardless of the materials used)

16.x72 Caskets, coffins, burial cases, and other morticians' goods

16.x73 Excelsior

16.x74 Wood preserving (to prevent decay and to protect against fire and insects)

16.x75 Lasts and related products

16.x76 Mirror frames and picture frames

16.x79 Wood products, n. e. c.

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### MANUFACTURING INDUSTRIES—Continued

#### *Paper and Allied Products* (16.x80—General)

- 16.x81 Pulp mills (includes sulphate and wood naval stores)
- 16.x82 Paper and paperboard mills, *general*
- 16.x83 Newsprint mills
- 16.x84 Book- and cover-paper mills
- 16.x85 Writing-paper mills
- 16.x86 Tissue- and absorbent-paper mills
- 16.x87 Building-paper mills
- 16.x88 Paperboard mills
- 16.x89 Building board made of vegetable fiber
- 16.x90 Paper mills, n. e. c.
- 16.x91 Paper coating and glazing, *general*
- 16.x92 Coated book paper
- 16.x93 Waxed paper
- 16.x94 Gummed paper
- 16.x95 Coated and glazed paper, n. e. c.
- 16.x96 Envelopes
- 16.x97 Paper bags (including grocery, heavy-duty, and glassine)
- 16.x98 Paperboard containers and boxes, *general*
- 16.x99 Folding paper boxes
- 17.x00 Set-up boxes (excluding shipping containers)
- 17.x01 Corrugated and fiber boxes
- 17.x02 Paperboard containers and boxes, n. e. c. (including fiber cans and tubes)
- 17.x03 Converted paper products, *general*
- 17.x04 Stationery (from paper stock made elsewhere)
- 17.x05 Wallpaper
- 17.x06 Pulp goods
- 17.x09 Converted paper products, n. e. c.

#### *Printing, Publishing, and Allied Industries* (17.x10—General)

- 17.x11 Printing and publishing, *general*
- 17.x12 Periodicals, publishing or printing
- 17.x13 Newspapers, publishing or printing
- 17.x14 Books, publishing and printing
- 17.x15 Books, printing only
- 17.x16 Miscellaneous publishing without printing
- 17.x17 Greeting cards
- 17.x18 Commercial printing
- 17.x19 Lithographing and photolithographing
- 17.x20 Gravure and rotogravure

### MANUFACTURING INDUSTRIES—Continued

#### *Printing, Publishing*—Continued

- 17.x21 Bookbinding and miscellaneous work related to bookbinding
- 17.x22 Blankbook making and paper ruling
- 17.x23 Library and loose-leaf binder manufacturing
- 17.x24 Service industries for the printing trades, *general*
- 17.x25 Typesetting
- 17.x26 Engraving and plate printing
- 17.x27 Photoengraving
- 17.x28 Electrotyping and stereotyping
- 17.x29 Printing, publishing and allied industries, n. e. c.

#### *Chemicals and Allied Products* (17.x30—General)

- 17.x31 Paints, varnishes and lacquers
- 17.x32 Colors and pigments
- 17.x33 Vegetable and animal oils, *general*
- 17.x34 Cottonseed oil
- 17.x35 Linseed oil
- 17.x36 Soybean oil
- 17.x37 Essential oils
- 17.x38 Marine oils (except medicinal)
- 17.x39 Vegetable and animal oils, n. e. c.
- 17.x40 Drugs, toilet preparations, and insecticides, *general*
- 17.x41 Drugs and medicines
- 17.x42 Perfumes, cosmetics, and other toilet preparations
- 17.x43 Insecticides and fungicides
- 17.x44 Household and related industrial chemical compounds (including boiler and insulating compounds, metal and oil-treating compounds and water-proofing and water-treating compounds; also foundry supplies)
- 17.x45 Soap and glycerin
- 17.x46 Rayon and other synthetic textile fibers
- 17.x47 Wood distillation and naval stores, *general*
- 17.x48 Hardwood distillation (into charcoal and sundry industrial chemicals)
- 17.x49 Softwood distillation (wood naval stores other than sulphate—for sulphate see 16.x81)
- 17.x50 Gum naval stores
- 17.x51 Fertilizers

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**MANUFACTURING INDUSTRIES—Continued**

*Chemicals and Allied Products—Continued*

- 17.x52 Industrial chemicals, *general*
- 17.x53 Tanning materials, natural dyestuffs, mordants, assistants, and sizes
- 17.x54 Primary coal-tar products
- 17.x55 Plastic materials (except synthetic rubber)
- 17.x56 Synthetic rubber (elastomers)
- 17.x57 Explosives (see 17.x70 group for munitions)
- 17.x58 Salt
- 17.x59 Compressed and liquefied gases
- 17.x60 Bone black, carbon black, and lamp-black
- 17.x61 Electrochemical and electrometallurgical products (excluding carborundum—see "Stone, Clay, and Glass Products")
- 17.x62 Industrial chemicals, n. e. c.
- 17.x63 Miscellaneous chemical products
- 17.x64 Cleaning and polishing preparations
- 17.x65 Glue and gelatin
- 17.x66 Grease and tallow
- 17.x67 Lubricating oils and greases (except those made in petroleum refineries)
- 17.x68 Fireworks and pyrotechnics
- 17.x69 Chemical products, n. e. c. (including candles and ink)

*Ordnance and Accessories (17.x70—General)*

- 17.x71 Guns, howitzers, mortars, and related equipment (bore greater than .60 caliber)
- 17.x72 Ammunition, *general*
- 17.x73 Artillery ammunition (20-mm. and over, or over .60 caliber)
- 17.x74 Ammunition loading and assembly (20-mm and over, or over .60 caliber)
- 17.x75 Small arms ammunition (for bores of .60 caliber and under)
- 17.x76 Ammunition, n. e. c. (including bombs, mines, and chemical warfare projectiles)
- 17.x77 Tanks
- 17.x78 Tank components (including engines and transmissions)
- 17.x79 Sighting and fire-control equipment (classify Radar under Electrical Machinery, 19.x90 group, or under 47.x95)
- 17.x80 Machine guns and machine-gun mounts (bore of .60 inch and under)

**MANUFACTURING INDUSTRIES—Continued**

*Ordnance and Accessories—Continued*

- 17.x81 Rifles, carbines, pistols, revolvers, and shotguns
- 17.x89 Ordnance and accessories, n. e. c. (including torpedo tubes and Y-guns)

*Products of Petroleum and Coal (17.x90—General)*

- 17.x91 Petroleum refining

17.x92 Coke and byproducts, *general*

- 17.x93 Beehive coke ovens (coke manufacture)
- 17.x94 Byproduct coke ovens (coke, coal gas, tar, and related items manufacture)

17.x95 Paving and roofing materials, *general*

- 17.x96 Paving mixtures and blocks

17.x97 Roofing felts and coatings

- 17.x98 Fuel briquettes

17.x99 Products of petroleum and coal, n. e. c.

*Rubber Products (18.x00—General)*

- 18.x01 Tires and inner tubes

18.x02 Rubber footwear

- 18.x03 Heels, soles, and related products

- 18.x04 Mechanical rubber goods (except hard rubber)

- 18.x05 Hard-rubber goods

- 18.x06 Rubber flooring

- 18.x07 Rubberized fabrics and vulcanized rubber clothing

- 18.x08 Rubber sundries

- 18.x09 Sponge rubber

- 18.x10 Reclaimed rubber

- 18.x11 Retreaded rubber tires

- 18.x12 Tire sundries and repair materials

- 18.x19 Rubber products, n. e. c.

*Leather and Leather Products (18.x20—General)*

- 18.x22 Sole and belting leather

- 18.x23 Upper and lining leather

- 18.x24 Leather (except sole, belting, upper, and lining)

- 18.x25 Leather finishing, embossing, and japping

- 18.x26 Leather currying

- 18.x27 Industrial leather belting and packing

- 18.x28 Boot and shoe cut stock and findings

- 18.x29 Footwear (except rubber footwear)

- 18.x30 Leather gloves and mittens

- 18.x31 Suitcases, briefcases, bags, trunks, and other luggage

- 18.x32 Women's handbags and purses

- 18.x33 Small leather goods (including bill-folds, key cases, and checkbook covers)

**CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS**

**MANUFACTURING INDUSTRIES—Continued**

*Leather and Leather Products*—Continued

- 18.x34 Saddlery, harness, and whips
- 18.x39 Leather goods, n. e. c.

*Stone, Clay and Glass Products* (18.x40—General)

- 18.x41 Glass products, general
- 18.x42 Glass containers
- 18.x43 Glass and glassware, n. e. c. (including tableware, blanks for light bulbs, tubing and other special purpose glass items, kitchenware, and pressed glass lenses; for optical lenses see Miscellaneous Manufacturing Industries 26.x40)
- 18.x44 Mirrors
- 18.x45 Glass products, n. e. c. made of purchased glass (including stained glass, scientific apparatus glass, cut glass, and glass watch crystals)
- 18.x46 Cement, general (for concrete products see 18.x64)
- 18.x47 Portland cement
- 18.x48 Natural, masonry and puzzolan cement
- 18.x49 Structural clay products, general
- 18.x50 Brick and hollow tile
- 18.x51 Terra cotta
- 18.x52 Roofing, floor and wall tile
- 18.x53 Sewer pipe
- 18.x54 Clay refractories (see 18.x77)
- 18.x55 Structural clay products, n. e. c.
- 18.x56 Pottery and related products, general
- 18.x57 Vitreous and semivitreous china plumbing fixtures
- 18.x58 Hotel vitreous china (including vitreous china for household use)
- 18.x59 Whiteware (semivitreous types of earthenware)
- 18.x60 Porcelain electrical supplies
- 18.x61 China firing and decorating
- 18.x62 Pottery products, n. e. c.
- 18.x63 Concrete, gypsum and plaster products, general
- 18.x64 Concrete products
- 18.x65 Gypsum products (includes plasterboard)
- 18.x66 Plasterboard (except gypsum), non-rigid thermal insulation and floor composition)
- 18.x67 Mineral wool
- 18.x68 Lime
- 18.x69 Monuments and tombstones

**MANUFACTURING INDUSTRIES—Continued**

*Stone, Clay and Glass Products*—Continued

- 18.x70 Cut stone and stone products, n. e. c. (including stone furniture)

18.x71 Abrasive, asbestos and miscellaneous nonmetallic mineral products, general

18.x72 Asbestos products (other than 18.x73)

18.x73 Steam and other packing, and pipe and boiler covering

18.x74 Natural graphite, ground or otherwise treated

18.x75 Minerals and earths, ground or otherwise treated

18.x76 Abrasive products (of natural or artificial materials)

18.x77 Nonclay refractories (see 18.x54)

18.x78 Statuary and art goods—factory production (except those made of stone—

18.x70—or concrete—18.x64)

18.x79 Stone, clay and glass products, n. e. c.

*Iron, Steel, and their Products* (18.x80—General)

18.x81 Blast furnaces, steel works, and rolling mills, general

18.x82 Blast furnaces

18.x83 Steel works and rolling mills

18.x84 Iron and steel foundry products, general

18.x85 Gray-iron and semisteel castings

18.x86 Malleable-iron castings

18.x87 Steel castings

18.x88 Cast iron pipe and fittings

18.x89 Tin cans and other tinware

18.x90 Wire products, general

18.x91 Wire drawing

18.x92 Nails and spikes

18.x93 Wirework, n. e. c. (including fencing, screening, and tire chains)

18.x94 Hand tools, cutlery and hardware, general

18.x95 Cutlery and edge tools (including cutting dies for cloth, paper, and leather; knives; axes; and table cutlery except sterling silver and silver plated, for which see Nonferrous Metals and their Products.)

18.x96 Hand tools (including hammers, wrenches, shovels, and rakes)

18.x97 Files (including the recutting of files and rasps)

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**MANUFACTURING INDUSTRIES—Continued**

*Iron, Steel, and their Products—Continued*

- 18.x98 Saws (including saw blades for power-driven saws)
- 18.x99 Hardware, n. e. c. (including locks and other builder's hardware; hardware for motor vehicles, furniture and luggage; padlocks; vacuum bottles; and marine hardware)
- 19.x00 Heating apparatus, enameled-iron sanitary ware and boiler shop products, *general*
- 19.x01 Enameled-iron sanitary ware and other plumber's supplies (including bathtubs; and brass goods such as faucets, valves, and fittings). For sanitary ware not made with iron, see Stone, Clay and Glass Products; for vitreous enameled kitchen ware, etc., see 19.x10
- 19.x02 Stoves, ranges, water heaters, and hot-air furnaces
- 19.x03 Oil burners, domestic and industrial
- 19.x04 Power boilers and associated products
- 19.x05 Steam and hot-water heating apparatus (including boilers and radiators)
- 19.x06 Steam fittings (including thermostats and gages)
- 19.x07 Heating equipment, n. e. c. (except electric, including incubators, incinerators, and portable ovens)
- 19.x08 Metal stamping and coating, *general*
- 19.x09 Vitreous enameled products (except sanitary ware, and including kitchen utensils, table tops, and refrigerator parts)
- 19.x10 Automobile stampings
- 19.x11 Stamped and pressed metal products (except automobile stampings)
- 19.x12 Enameling, japanning, and lacquering
- 19.x13 Galvanizing and other coating
- 19.x14 Fabricated structural metal products (including structural steel, staircases, iron fences, rods for reinforcing concrete, ornamental, and other metal-covered doors and sash, store fronts, molding, and trim)
- 19.x15 Bolts, nuts, washers, rivets, and wood screws
- 19.x16 Iron and steel forgings
- 19.x17 Wrought pipes, welded and heavy-riveted

**MANUFACTURING INDUSTRIES—Continued**

*Iron, Steel, and their Products—Continued*

- 19.x18 Steel springs
- 19.x19 Iron and steel products, n. e. c. (including screw-machine products; steel barrels, kegs and drums; safes and vaults; cold-rolled strips and sheets; and the annealing, heat-treating, tempering and hardening of steel for the trade)

*Nonferrous Metals and their Products (19.x20—General)*

- 19.x21 Primary smelting and refining of non-ferrous metals, *general*
- 19.x22 Primary smelting and refining of lead
- 19.x23 Primary smelting and refining of zinc
- 19.x24 Primary refining of aluminum
- 19.x25 Primary refining of magnesium
- 19.x26 Primary refining of precious metals
- 19.x27 Primary smelting and refining of copper
- 19.x28 Secondary smelting and refining of non-ferrous metals and alloys, *general*
- 19.x29 Secondary smelting and refining of precious metals
- 19.x30 Secondary smelting and refining of aluminum and aluminum alloys
- 19.x31 Secondary smelting and refining of nonferrous metals and alloys, n. e. c.
- 19.x32 Rolling and drawing of nonferrous metals (except aluminum)
- 19.x33 Aluminum and magnesium products (except foil)
- 19.x34 Jewelry, silverware and plated ware, *general*
- 19.x35 Jewelry, jewelers' findings and materials
- 19.x36 Lapidary work (for the trade; including cutting and polishing precious stones and drilling pearls)
- 19.x37 Silverware and plated ware
- 19.x38 Watches and clocks
- 19.x39 Engraving, plating, and polishing (except engraving for the purpose of printing)
- 19.x40 Miscellaneous nonferrous metal products, *general*
- 19.x41 Nonferrous-metal foundries (except aluminum)
- 19.x42 Collapsible tubes

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### MANUFACTURING INDUSTRIES—Continued

#### *Nonferrous Metals*—Continued

- 19.x43 Gold and silver foil
- 19.x44 Tin and other foil (except gold and silver)
- 19.x45 Sheet metal work
- 19.x49 Nonferrous metal products, n. e. c. (including lighting fixtures)

#### *Machinery (Except Electrical) (19.x50—General)*

- 19.x51 Engines and turbines, *general*
- 19.x52 Diesel and semi-Diesel engines (for tank Diesels, see Ordnance)
- 19.x53 Internal-combustion engines, n. e. c. (classify aircraft engines under "Transportation Equipment," and automobile engines under "Automobiles and Automobile Equipment.")

19.x54 Agricultural machinery and tractors, *general*

19.x55 Tractors

19.x56 Agricultural machinery, except tractors

19.x57 Construction and mining machinery, *general*

19.x58 Construction and similar machinery except mining and oilfield machinery and tools)—including machinery for dredging, excavating, and road building

19.x59 Oil-field machinery and tools (including water well drilling machinery)

19.x60 Mining machinery and equipment

19.x61 Metalworking machinery, *general*

19.x62 Machine tools

This title covers the manufacture of power-driven machines employing a cutting tool for work on metal. Among the items herein classified are: boring machines, boring mills, drilling machines, filing machines, gear-cutting machines, grinding machines, lathes, planers, shapers, and threading machines

19.x63 Metalworking machines (except machine tools)

This title covers the manufacture of machines, mainly power-driven, which shape, press, or forge metal, where the shaping action of such machines is not dependent upon a cutting tool.

### MANUFACTURING INDUSTRIES—Continued

#### *Machinery (Except Electrical)*—Continued

- 19.x63 Metalworking machines—Continued Included in this designation are bending machines, can-forming, and soldering machines, die-casting machines, forging machines (such as drop hammers); electric and pneumatic drills, presses, riveting machines, wire-forming machines, rolling mill machinery, shears, spring winding and forming machines, and acetylene welding and cutting apparatus. Classify electric welding apparatus under "Electrical Machinery"

- 19.x64 Machine-tool accessories, other metalworking machinery accessories, and machinists' precision tools.

This title includes attachments and accessories for machine tools and other metalworking machinery; small power-driven cutting and shaping tools and tool holders; and precision measuring tools

- 19.x65 Food-products machinery (classify soda fountains under "Miscellaneous Manufacturing Industry;" and refrigeration machinery under 19.x83)

- 19.x66 Textile machinery (except sewing machines—see 19.x87; includes fiber-to-fabric machinery; fabric machinery; and machinery for bleaching, dyeing, printing, mercerizing, finishing and drying stock, yarn, and cloth)

- 19.x67 Woodworking machinery

- 19.x68 Paper-industries machinery

- 19.x69 Printing-trades machinery and equipment

- 19.x70 Special-industry machinery, n. e. c.

Includes smelting and refining equipment; and machinery for cement-making, clay-working, cotton-ginning, glass-making, hat-making, incandescent lamp-making, leather-working, paint-making, rubber-working, tobacco-working, cigar and cigarette-making, shoe-making and stone-working

- 19.x71 Miscellaneous machinery, *general*

- 19.x72 Elevators, escalators, and conveyors

- 19.x73 Industrial cars and trucks (intraplant)

- 19.x74 Pumps, air and gas compressors, and pumping equipment

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### MANUFACTURING INDUSTRIES—Continued

#### *Machinery (Except Electrical)—Continued*

- 19.x75 Mechanical measuring instruments (for measuring volume of liquids, pressure, direction, and speed)
  - 19.x76 Mechanical power-transmission equipment
  - 19.x77 Mechanical stokers, domestic and industrial
  - 19.x78 General industrial machinery and machine-shop products, n. e. c.
  - 19.x79 Office and store machines and devices, general
  - 19.x80 Computing machines and cash registers
  - 19.x81 Typewriters
  - 19.x82 Vending, amusement, and other coin-operated machines
  - 19.x83 Scales and balances
  - 19.x84 Punched-card machines
  - 19.x85 Office and store machines and devices, n. e. c.
  - 19.x86 Laundry equipment, domestic and commercial; dry-cleaning and pressing machines
  - 19.x87 Sewing machines
  - 19.x88 Refrigerators and equipment and complete air-conditioning units
  - 19.x89 Household and service-industry machines, n. e. c.
- Electrical Machinery (19.x90—General)*
- 19.x91 Electrical wiring devices and generating equipment, general
  - 19.x92 Carbon and artificial graphite products for the electrical industry
  - 19.x93 Wiring devices and supplies (includes plugs, outlets, lamp sockets, and receptacles)
  - 19.x94 Generating, distribution and industrial apparatus, and apparatus for incorporation in manufactured products, n. e. c. This title includes steam-turbine generator sets and other generators; transformers; switchboards; panelboards; and welding apparatus
  - 19.x95 Electrical appliances, general (except electrical refrigerators, washing machines and sewing machines)
  - 19.x96 Automotive electrical equipment
  - 19.x97 Electric lamps
  - 19.x98 Communication equipment and related products, general

### MANUFACTURING INDUSTRIES—Continued

#### *Electrical Machinery—Continued*

- 19.x99 Radios, radio equipment, and phonographs (including receivers, transmitters, television equipment, radar equipment, public-address apparatus, phonographs, and phonograph records) (Manufacturing Industries continued within group 26.x00 through 26.x29)

### BACTERIOLOGY, IMMUNOLOGY, AND PATHOLOGY (20)

This designation includes professional and semi-professional occupations involving the study of all forms of bacteria; their classification, morphology, and metabolism; their diagnoses and pathology; industrial, veterinary, medical and sanitation aspects; general immunological and serological methods and treatment; and technology of autopsies.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Public health administration
- 2 Editing and writing
- 3 Consulting
- 5 Teaching (college level)
- 6 All semiprofessional functions (including technicians)
- 7 Directing (hospitals or laboratories)
- 8 Research
- 9 Function not specified above

(For students and for those with generalized experience see 20.x97 and 20.x98.)

#### *Bacteriology*

- 20.x00 General
- 20.x01 Classification and nomenclature
- 20.x02 Morphology
- 20.x03 Metabolism (including physiology, chemistry, enzymes, growth cycles, and growth requirements)
- 20.x04 Destruction of bacteria (including sterilization; heat, light, and physical and chemical agents)
- 20.x05 Bacterial relationships (including symbiosis, parasitism, and bacteriophage)
- 20.x06 Culture media and methods (including straining methods)
- 20.x07 Tissue culture and filtration methods
- 20.x09 Not classified above

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### BACTERIOLOGY, IMMUNOLOGY, AND PATHOLOGY (20)—Continued

#### *Soil and Agricultural Bacteriology*

- 20.x10 General
- 20.x11 Anserobic bacteria, fungi of soil, and autotrophic bacteria
- 20.x12 Ecology
- 20.x13 Dairy bacteriology
- 20.x14 Bacterial and virus diseases of plants
- 20.x15 Silage
- 20.x19 Not classified above

#### *Industrial Bacteriology*

- 20.x20 General
- 20.x21 Fermentations, alcoholic
- 20.x22 Fermentations, other types (including butyl alcohol and acetone)
- 20.x23 Enzymes and vitamins
- 20.x24 Food product preparation and preservation (including cheese and canning processes)
- 20.x25 Leather
- 20.x26 Preparation of "biologicals," serums, vaccines
- 20.x29 Not classified above

#### *Veterinary Bacteriology*

- 20.x30 General
- 20.x31 Bacteriology of infectious diseases of animals (including cattle, sheep and goats, swine and draft animals; includes virus diseases)
- 20.x32 Bacteriology of infectious diseases of poultry and birds
- 20.x33 Bacteriology of infectious diseases of fish
- 20.x34 Bacteriology of infectious diseases of pet animals
- 20.x35 Epidemiology and control of infectious diseases of animals
- 20.x39 Not classified above

#### *Medical Bacteriology*

- 20.x40 General
- 20.x41 Bacteriology of infectious diseases of man (including typhus fever group and diseases)
- 20.x42 Epidemiology and control measures (including chemotherapy immunotherapy, prophylaxis, antisepsis, antigen, and antibody chemistry)
- 20.x43 Surgical bacteriology (including bacteriology of wound infections, of operating rooms, of surgical supplies)
- 20.x44 Bacteriology of foods (including milk, water, and fish)

### BACTERIOLOGY, IMMUNOLOGY, AND PATHOLOGY (20)—Continued

#### *Medical Bacteriology—Continued*

- 20.x45 Sanitary bacteriology inspection (including air and water supplies, food inspection, feed inspection, meat inspection, and milk inspection)
- 20.x46 Sanitary bacteriology, refuse and sewage disposal
- 20.x47 Diagnostic bacteriology and serology (including rabies)
- 20.x48 Preparation of serums (including antitoxins, vaccines, toxins, and testing of antiseptics)
- 20.x49 Not classified above

#### *Pathology*

- 20.x50 General
- 20.x51 Cardio-vascular system (blood and blood forming)
- 20.x52 Respiratory system
- 20.x53 Genito-urinary tract
- 20.x54 Musculo-skeletal system (including skin and appendages)
- 20.x55 Endocrine system
- 20.x56 Nervous system (including special senses, eye and ear)
- 20.x57 Oral pathology (including parts of alimentary canal)
- 20.x58 Surgical pathology (including cancer)
- 20.x59 Not classified above

#### *Bacterial technology*

- 20.x60 General
- 20.x61 Bacteriology of autopsies
- 20.x62 Conduct of autopsy (including preparation of gross material and autopsy record)

- 20.x63 Preparation of histological material (including preparation of museum specimens)

- 20.x64 Preservation of material (including protocols, diagnosis, slides, and cataloguing)
- 20.x65 Chemistry of autopsies (including toxicology)
- 20.x69 Not classified above

#### *Bacteriology, Immunology, and Pathology (other)*

- 20.x90 General
- 20.x91 Immunotherapy and Serology methods including allergy, forensic immunology, anaphylaxis, transfusion, blood groups, agglutination and precipitation methods, complement-fixation methods, and lyophile methods)

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### BACTERIOLOGY, IMMUNOLOGY, AND PATHOLOGY (20)—Continued

#### *Bacteriology, Immunology*—Continued

- 20.x92 Medical legal pathology
- 20.x97 Student (either a fourth year, or a graduate student in Bacteriology, Immunology, or Pathology who does not indicate a field of specialization)
- 20.x98 Bacteriologist, Immunologist, or Pathologist experienced in two or more of the above (italicized) fields
- 20.x99 Not classified above

### ANATOMY (21)

This designation covers the fields of human and comparative anatomy including evolutionary development in greater detail than that covered in the field of Biology.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 2. Editing and writing
- 5 Teaching (college level)
- 6 Directing (laboratory)
- 7 All semiprofessional functions (including technicians)
- 8 Research
- 9 Function not specified above

(For students and for those with generalized experience see 21.x07 and 21.x98.)

#### *Anatomy (Comparative)*

- 21.x00 General
- 21.x01 Morphology
- 21.x02 Phylogeny
- 21.x03 Osteology
- 21.x04 Paleontology
- 21.x05 Neurology
- 21.x06 Anthropology
- 21.x07 Taxonomy
- 21.x08 Photography, microscopy, X-ray
- 21.x09 Not classified above

#### *Anatomy (Human)*

- 21.x10 General
- 21.x11 Microscopic
- 21.x12 Developmental
- 21.x13 Functional
- 21.x14 Cytological
- 21.x15 Genetical
- 21.x19 Not classified above

### ANATOMY (21)—Continued

#### *Anatomy (Gross)*

- 21.x20 General
- 21.x21 Osteology, myology, syndesmology
- 21.x22 Neurology and special sense
- 21.x23 Angeology and lymphatics
- 21.x24 Endocrines
- 21.x25 Liver, spleen, pancreas
- 21.x26 Adrenals
- 21.x27 Testes, ovaries
- 21.x29 Not classified above

#### *Functional Systems*

- 21.x30 General
- 21.x31 Respiratory
- 21.x32 Alimentary
- 21.x33 Reproductive
- 21.x34 Urogenital
- 21.x35 Cardiovascular
- 21.x36 Endocrine
- 21.x37 Nervous
- 21.x38 Skeletal
- 21.x39 Not classified above

#### *Anatomy (other)*

- 21.x90 General
- 21.x97 Student (either a fourth year or a graduate student in Anatomy who does not indicate a field of specialization)
- 21.x98 Anatomist experienced in two or more of the above italicized fields
- 21.x99 Not classified above

### PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS (23)

Classifications within this listing are made according to type and purpose of drugs with which the worker has had most experience, and include the following types: drugs acting on nervous system, drugs affecting organs of the body, drugs of endocrine origin, antiseptics, disinfectants, and drugs used in chemotherapy; also, pharmacy in general.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Research—new drugs and derivatives
- 2 Editing and writing
- 3 Analysis
- 4 Directing (academic laboratories)
- 5 Teaching (college level)

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS (23)—Continued

The third digit, etc.—Continued

- 6 All semiprofessional functions (including technicians)
- 7 Directing (commercial laboratories)
- 9 Function not specified above

(For students and for those with generalized experience see 23.x97 and 23.x98.)

#### *Drugs Acting on Nervous System*

- 23.x00 General
- 23.x01 Central nervous system depressants, anesthetics (including preanesthetic medication, technique of anesthesia, and anesthetic accidents)
- 23.x02 Central nervous system depressants, hypnotics, and sedatives (including morphine, opium, and alcohols)
- 23.x03 Central nervous system depressants, analgesics, and antipyretics
- 23.x04 Central nervous system stimulants (including strychnine, picrotoxin, metrazol, coramine, camphor, caffeine, theophylline, and theobromine)
- 23.x05 Local anesthetics (including cocaine and procaine)
- 23.x06 Parasympathomimetic drugs (including choline esters, acetylcholine, acetyl-betamethylcholine, carbaminoylcholine, pilocarpine, arecoline, and muscarine)
- 23.x07 Sympathomimetic drugs (including epinephrine, ephedrine, and bonzidine)
- 23.x08 Autonomic blocking agents (including drugs inhibiting structures innervated by nerve centers)
- 23.x09 Not classified above

#### *Drugs Affecting Organs of Body*

- 23.x10 General
- 23.x11 Cardio-vascular drugs (including digitalis, cardiac, glycosides, quinidine, nitrates, histamine, and thiocyanates)
- 23.x12 Drugs affecting urine formation (including diuretics, antidiuretics)
- 23.x13 Drugs acting on productive organs (including oxytoxics (ergot, pituitary, abortifacients, uterine hemostatics, and spermatoctides))
- 23.x14 Water, salts, and ions (including sodium salts and other agents affecting volume and composition of the body fluids) (cations, anions)

### PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS (23)—Continued

#### *Drugs Affecting Organs of Body—Continued*

- 23.x15 Gases and vapors (including therapeutic) (oxygen, carbon dioxide, helium) and noxious gases and vapors (carbon monoxide, hydrocyanic acid, war gases, etc.)
- 23.x16 Heavy metals and metalloids (including lead, mercury, arsenic, antimony, gold, silver, thallium, selenium, and radioactive elements)
- 23.x17 Drugs acting on skin and mucous membranes (including demulcents, emollients, protectives, absorbents, irritants, astringents, gastric antacids, digestants, cathartics, emetics, and expectorants)
- 23.x18 Drugs acting on blood and blood-forming organs (including iron deficiency anemias and pernicious anemias)
- 23.x19 Not classified above

#### *Drugs of Endocrine Origin*

- 23.x20 General
- 23.x21 Thyroid
- 23.x22 Parathyroid
- 23.x23 Anterior pituitary hormones (including anterior pituitary-like hormones)
- 23.x24 Female sex hormones, estrogens, and luteal hormones
- 23.x25 Male sex hormones
- 23.x26 Insulin
- 23.x27 Adrenal cortical hormones
- 23.x29 Not classified above

#### *Antiseptics, Disinfectants, and Drugs used in Chemotherapy*

- 23.x30 General
- 23.x31 Antiseptics, germicides
- 23.x32 Fungicides, parasiticides
- 23.x33 Chemotherapy of helminthiasis
- 23.x34 Chemotherapy of malaria
- 23.x35 Chemotherapy of amebiasis
- 23.x36 Chemotherapy of leprosy
- 23.x37 Principles of syphilitotherapy
- 23.x38 Chemotherapy of syphilis (including pharmacology of arsenicals and sulfonamides)
- 23.x39 Not classified above

#### *Pharmacology and Experimental Therapeutics (Other)*

- 23.x90 General

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS (23)—Continued

- Pharmacology and Experimental Therapeutics—Continued*
- 23.x91 Vitamins, water-soluble and fat-soluble vitamins
  - 23.x92 General practice (including druggist)
  - 23.x97 Student (either a fourth year, or a graduate student in physiology who does not indicate a field of specialization)
  - 23.x98 Pharmacologist experienced in two or more of the above (*italicized*) fields
  - 23.x99 Not classified above

### MEDICINE, DENTISTRY, AND VETERINARY MEDICINE (24)

These designations cover only physicians, dentists, and veterinaries licensed to practice in their respective fields.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Practice
- 2 Examining
- 3 Public health
- 4 Teaching (college level)
- 5 Military
- 6 Government (including Veterans' Administration and Indian Service)
- 7 Industrial
- 8 Research
- 9 Function not specified above

### ALPHABETICAL LIST

#### *Medicine*

- 24.x21 Administration, Medical
- 24.x41 Allergy
- 24.x07 Anesthesiology
- 24.x01 Aviation medicine
- 24.x30 Bacteriology, Medical
- 24.x36 Biochemistry, Medical
- 24.x22 Cardiology
- 24.x08 Clinical Pathology
- 24.x29 Communicable Diseases
- 24.x17 Dermatology
- 24.x09 Endocrinology
- 24.x42 Endoscopy (including Bronchoscopy and Esophagoscopy)
- 24.x32 Epidemiology

### ALPHABETICAL LIST—Continued

#### *Medicine*—Continued

- 24.x37 Forensic medicine
- 24.x23 Gastroenterology
- 24.x00 General
- 24.x27 Gynecology
- 24.x03 Industrial medicine (including Industrial Hygiene)
- 24.x02 Internal medicine
- 24.x33 Metabolic Diseases (including Renal Diseases)
- 24.x43 Neurology
- 24.x44 Neuropsychiatry
- 24.x11 Neurosurgery
- 24.x40 Nutrition, Medical
- 24.x26 Obstetrics
- 24.x16 Ophthalmology
- 24.x38 Ophthalmico-oto-rhino laryngology
- 24.x12 Orthopedic surgery
- 24.x15 Oto-rhino-laryngology
- 24.x06 Parasitology, Medical (including Entomology)
- 24.x46 Pathology
- 24.x28 Pediatrics
- 24.x05 Physical therapy
- 24.x13 Plastic surgery
- 24.x25 Proctology
- 24.x45 Psychiatry
- 24.x47 Radiology
- 24.x20 Roentgenology, diagnostic
- 24.x48 Roentgenology
- 24.x34 Statistics, Medical
- 24.x10 Surgery, general
- 24.x04 Therapeutic radiology
- 24.x14 Thoracic surgery
- 24.x31 Toxicology
- 24.x39 Tropical medicine
- 24.x35 Tuberculosis
- 24.x24 Urology
- 24.x19 Vascular surgery
- 24.x18 Venereal Diseases (including Syphilology)
- 24.x49 Not classified above

#### *Dentistry*

- 24.x57 Exodontia
- 24.x50 General
- 24.x51 Oral surgery
- 24.x52 Orthodontia
- 24.x53 Pedodontia
- 24.x54 Periodontia
- 24.x55 Prosthodontia
- 24.x56 Radiodontia
- 24.x59 Not classified above

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### ALPHABETICAL LIST—Continued

#### *Veterinary Medicine and Pathology*

- 24.x84 Bacteriology, Veterinary
- 24.x71 Bovine
- 24.x81 Canine
- 24.x83 Dairy Inspection, Medical
- 24.x72 Equine
- 24.x70 General
- 24.x82 Meat Inspection, Medical
- 24.x78 Microscopic anatomy
- 24.x76 Pharmacology and toxicology
- 24.x75 Poultry
- 24.x77 Radiology
- 24.x73 Sheep and goats
- 24.x74 Swine
- 24.x89 Not classified above

### NUMERICAL LIST

#### *Medicine*

- 24.x00 General
- 24.x01 Aviation medicine
- 24.x02 Internal medicine
- 24.x03 Industrial medicine (including industrial hygiene)
- 24.x04 Therapeutic radiology
- 24.x05 Physical therapy
- 24.x06 Medical parasitology (including Entomology)
- 24.x07 Anesthesiology
- 24.x08 Clinical pathology
- 24.x09 Endocrinology
- 24.x10 Surgery, general
- 24.x11 Neurosurgery
- 24.x12 Orthopedic surgery
- 24.x13 Plastic surgery
- 24.x14 Thoracic surgery
- 24.x15 Oto-rhino-laryngology
- 24.x16 Ophthalmology
- 24.x17 Dermatology
- 24.x18 Venereal Diseases (including Syphilology)
- 24.x19 Vascular surgery
- 24.x20 Roentgenology, Diagnostic
- 24.x21 Administration, Medical
- 24.x22 Cardiology
- 24.x23 Gastroenterology
- 24.x24 Urology
- 24.x25 Proctology
- 24.x26 Obstetrics
- 24.x27 Gynecology
- 24.x28 Pediatrics
- 24.x29 Communicable diseases
- 24.x30 Bacteriology, Medical

### NUMERICAL LIST—Continued

#### *Medicine*—Continued

- 24.x31 Toxicology
- 24.x32 Epidemiology
- 24.x33 Metabolic diseases (including Renal Diseases)
- 24.x34 Statistics, Medical
- 24.x35 Tuberculosis
- 24.x36 Biochemistry, Medical
- 24.x37 Forensic medicine
- 24.x38 Ophthalmo-oto-rhino laryngology
- 24.x39 Tropical medicine
- 24.x40 Nutrition, medical (dietetics)
- 24.x41 Allergy
- 24.x42 Endoscopy (including Bronchoscopy and Esophagoscopy)
- 24.x43 Neurology
- 24.x44 Neuropsychiatry
- 24.x45 Psychiatry
- 24.x46 Pathology
- 24.x47 Radiology
- 24.x48 Roentgenology
- 24.x49 Not classified above

#### *Dentistry*

- 24.x50 General
- 24.x51 Oral surgery
- 24.x52 Orthodontia
- 24.x53 Periodontia
- 24.x54 Periodontia
- 24.x55 Prosthodontia
- 24.x56 Radiodontia
- 24.x57 Exodontia
- 24.x59 Not classified above

#### *Veterinary Medicine and Pathology*

- 24.x70 General
- 24.x71 Bovine
- 24.x72 Equine
- 24.x73 Sheep and goats
- 24.x74 Swine
- 24.x75 Poultry
- 24.x76 Pharmacology and toxicology
- 24.x77 Radiology
- 24.x78 Microscopic anatomy
- 24.x81 Canine
- 24.x82 Meat Inspection, Medical
- 24.x83 Dairy Inspection, Medical
- 24.x84 Bacteriology, Veterinary
- 24.x89 Not classified above

### OPTOMETRY (25)

This designation covers professional, semiprofessional, and highly skilled occupations in clinical

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### OPTOMETRY (25)—Continued

optometry, industrial optometry, optometric standards, theoretical optometry, experimental optometry, and other specialized optometric fields.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 2 Editing and writing
- 4 Teaching (college level)
- 6 All semiprofessional functions (including technicians)
- 7 Practitioner or clinician
- 8 Research
- 9 Function not specified above

(For students and for those with generalized experience see 25.x97 and 25.x98.)

#### *Optometry, Clinical*

- 25.x00 General
- 25.x01 Routing Refraction
- 25.x02 Control of myopia (nearsightedness)
- 25.x03 Orthoptics
- 25.x04 Aniseikonia
- 25.x05 Ptosis
- 25.x06 Contact lenses
- 25.x07 Sight surveys
- 25.x08 Testing (including color vision, light sense)
- 25.x09 Not classified above

#### *Optometry, Industrial*

- 25.x10 General
- 25.x11 Visual aids for specific tasks
- 25.x19 Not classified above

#### *Optometric Standards*

- 25.x20 General
- 25.x21 Visual norms and nomenclature
- 25.x22 Optometric instruments
- 25.x23 Correction lenses and other visual aids
- 25.x29 Not classified above

#### *Optometry, Theoretical*

- 25.x30 General
- 25.x31 Anatomy, physiology of the eye and physiologic optics
- 25.x32 Ocular pathology
- 25.x33 Geometric optics
- 25.x34 Spectacle optics
- 25.x35 Functional visual anomalies
- 25.x36 Ocular measurements
- 25.x39 Not classified above

#### *Experimental Optometry, Physiological Optics*

- 25.x40 General
- 25.x41 Color perception

### OPTOMETRY (25)—Continued

#### *Experimental Optometry—Continued*

- 25.x42 Directional perception and field of vision
- 25.x43 Visual rehabilitation
- 25.x44 Ocular fatigue
- 25.x45 Monocular vision
- 25.x46 Visual illusions
- 25.x47 Anomalies of refraction and accommodation
- 25.x48 Anomalies of convergence and motility
- 25.x49 Not classified above

#### *Optometry (Other)*

- 25.x90 General
- 25.x91 Optical design
- 25.x97 Student (either a fourth year or a graduate student in the field of Optometry who does not indicate a field of specialization)
- 25.x98 Personnel experienced in two or more of the above italicized fields
- 25.x99 Not classified above

## MANUFACTURING INDUSTRIES

### INDUSTRIAL FUNCTIONS

- 0 Over-all and coordinating management
- 1 Production supervision
- 2 Purchasing
- 3 Sales
- 4 Warehousing, storage, or transportation
- 5 Technology
- 6 Engineering
- 8 Cost Accounting
- 9 Not classified above

#### 26.x00 Communication equipment (except radio)

#### 26.x01 Batteries, storage and primary (dry and wet)

#### 26.x02 X-ray, therapeutic apparatus and non-radio electronic tubes

#### 26.x09 Electrical machinery, n. e. c.

#### *Transportation Equipment (except Automobiles)*

##### *(26.x10—General)*

#### 26.x11 Railroad equipment, general

#### 26.x12 Locomotive and parts

#### 26.x13 Railroad and street cars

#### 26.x14 Aircraft and parts, general

#### 26.x15 Aircraft (including balloons and parachutes)

#### 26.x16 Aircraft engines and parts

#### 26.x17 Aircraft propellers and propeller parts

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### MANUFACTURING INDUSTRIES—Continued

#### INDUSTRIAL FUNCTIONS—Continued

##### *Transportation Equipment*—Continued

26.x18 Aircraft parts, n. e. c. (except engines, propellers, instruments—see 26.x42—and electrical equipment; includes pontoons)

26.x19 Ship and boat building and repairing, general

26.x20 Ship building and repairing (minimum of 5 gross tons)

26.x21 Boat building and repairing (maximum of 5 gross tons)

26.x22 Motorcycles, bicycles, and parts

26.x29 Transportation equipment, n. e. c.

##### *Automobiles and Automobile Equipment* (26.x30—General)

26.x31 Motor vehicles (including truck trailers)

26.x32 Passenger car bodies

26.x33 Truck bodies

26.x34 Motor vehicle parts and accessories

26.x35 Automobile trailers

26.x39 Automobile equipment, n. e. c.

##### *Miscellaneous Manufacturing Industries* (26.x40—General)

26.x42 Professional and scientific instruments (except surgical, medical, and dental) This title includes surveyors', nautical, navigational, and aeronautical instruments; drafting instruments; (Classify microscopes and telescopes under 26.x44). Barometers; thermometers; and mathematical instruments).

26.x43 Photographic apparatus and materials

26.x44 Optical instruments and lenses

26.x45 Ophthalmic goods (including ophthalmic lenses, frames, and complete eyeglasses and frames—not retail)

26.x46 Surgical and medical instruments

26.x47 Surgical and orthopedic appliances and supplies

26.x48 Dental equipment and supplies

26.x49 Brooms and brushes

26.x50 Musical instruments

26.x51 Toys, sporting and athletic goods

26.x52 Pens, pencils, and other office and artists' materials

26.x53 Buttons

26.x54 Costume jewelry and miscellaneous novelties (including jewelry and in-

### MANUFACTURING INDUSTRIES—Continued

#### INDUSTRIAL FUNCTIONS—Continued

##### *Miscellaneous Manufacturing*—Continued

strument cases; lamp shades; feathers; plumes and artificial flowers)

26.x55 Fabricated plastic products

26.x56 Beauty shop and barber shop equipment.

26.x57 Furs, dressed and dyed (establishments primarily engaged in scraping, currying, tanning, bleaching, and dyeing pelts)

26.x58 Signs and advertising displays (except sign painting on a custom basic)

26.x59 Hair work

26.x60 Umbrellas, parasols, and canes

26.x61 Tobacco, pipes and cigarette holders

26.x62 Soda-fountain and beer-dispensing equipment

26.x63 Models and patterns (except shoe, display forms—see Furniture etc.; and paper patterns—see Paper and Allied Products)

26.x69 Miscellaneous fabricated products, n. e. c.

### MINING INDUSTRIES (including CRUDE-PETROLEUM and NATURAL-GAS PRODUCTION, and QUARRYING)

(See Mining Engineering and Metallurgy, 59.x00)

#### *Metal Mining* (26.x70—General)

26.x71 Iron ore mining or dressing

26.x72 Copper ore mining or dressing

26.x73 Lead and zinc ore mining or dressing

26.x74 Gold and silver mining (lode or placer) or dressing

26.x75 Aluminum ore mining

26.x76 Mercury ore mining

26.x77 Manganese ore mining

26.x78 Chromium, molybdenum, tungsten, and vanadium ore mining

26.x79 Metal ore mining or dressing, n. e. c.

#### *Anthracite Mining* (26.x80—General)

26.x81 Anthracite mining, underground

26.x82 Anthracite mining, open-pit

26.x83 Anthracite breakers and preparation plants

26.x84 Anthracite dredging

26.x85 Anthracite stripping-contract services (including overburden removal for open-pit mining)

26.x89 Anthracite mining, n. e. c.

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

MINING INDUSTRIES—Continued

(See Mining Engineering and Metallurgy, 59.x00)—Continued

*Bituminous and Other Soft-Coal Mining* (26.x90—General)

- 26.x91 Bituminous coal mining, underground
- 26.x92 Bituminous coal mining, open-pit
- 26.x93 Bituminous coal preparation plants
- 26.x94 Bituminous coal contract services (including overburden removal for open-pit mining)
- 26.x95 Semianthracite mining (including "Virginia anthracite" and "Kentucky anthracite")
- 26.x96 Lignite mining (including peat extraction)
- 26.x99 Bituminous and other soft coal mining, n. e. c.

*Crude-Petroleum and Natural-Gas Production* (27.x00—General)

- 27.x01 Crude petroleum production
- 27.x02 Natural gas production
- 27.x03 Natural gasoline production
- 27.x04 Oil and gas well drilling contract services
- 27.x05 Oil and gas well rig-building contract services
- 27.x09 Crude petroleum and natural gas production, n. e. c.

*Nonmetallic Mining and Quarrying* (27.x10—General)

- 27.x11 Dimension stone quarries (including dolomite, granite, slate and marble quarries)
- 27.x12 Crushed stone quarries (except limestone)
- 27.x13 Crushed limestone quarries
- 27.x14 Sand and gravel quarries, pits and dredges, general
- 27.x15 Sand and gravel for construction

CONSTRUCTION INDUSTRIES

- 27.x16 Special sands
- 27.x17 Clays and ceramic and refractory minerals (including kaolin, ball clay, bleaching clays, fireclay, bentonite, feldspar, common clays, and diatomaceous earth)
- 27.x18 Gypsum mining
- 27.x21 Rock-salt mining
- 27.x22 Phosphate rock
- 27.x23 Sulphur mining

CONSTRUCTION INDUSTRIES—Continued

*Nonmetallic Mining and Quarrying*—Continued  
27.x29 Nonmetallic minerals, n. e. c., (including potash, borates, asbestos, asphalt, chalk, graphite, mica, and talc)

CONSTRUCTION

*General Contractors* (General—27.x30)

- 27.x31 Building construction (including dwellings, farm buildings, industrial and commercial buildings, public buildings; and alteration and repair)
- 27.x32 Highway and street construction (except elevated highways)
- 27.x33 Heavy construction (including elevated highways, sewerage systems, water mains, railroads, subways, hydroelectric plants and pipe lines)
- 27.x34 Marine construction (including dredging, pile driving, harbor, and waterways construction)
- 27.x35 Water-well drilling
- 27.x39 General contractors, n. e. c.

*Special-Trade Contractors (Subcontractors)* (27.x40—General)

- 27.x41 Plumbing, heating and air-conditioning
- 27.x42 Painting, paper hanging and decorating
- 27.x43 Electrical work
- 27.x44 Masonry, stone work, tile setting and plastering
- 27.x45 Carpentry and wood flooring
- 27.x46 Roofing and sheet-metal work
- 27.x47 Concrete work
- 27.x48 Building maintenance (such as painting, plastering, and carpentry)
- 27.x51 Structural-steel work
- 27.x52 Ornamental iron and steel work
- 27.x53 Glass and glazing work
- 27.x54 Excavation and foundation work
- 27.x55 Wrecking and demolition work
- 27.x56 Installation of machinery and equipment
- 27.x59 Special-trade contractors, n. e. c.

WHOLESALE TRADE

*Motor Vehicles and Automotive Equipment* (27.x60—General)

- 27.x61 Automobiles and other motor vehicles
- 27.x62 Automotive equipment (parts and accessories, except tires and tubes)
- 27.x63 Tires and tubes
- 27.x69 Motor vehicles and automotive equipment, n. e. c.

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### **WHOLESALE TRADE—Continued**

#### ***Chemicals, Drugs, and Allied Products (27.x70—General)***

- 27.x71 Drugs (including prescription components, proprieties, cosmetics, and sundries)
- 27.x72 Dyestuffs
- 27.x73 Explosives
- 27.x74 Industrial chemicals (including primary coal-tar products, plastic materials, compressed and liquefied gases, acids, alkaline bulk products, industrial alcohol, and salts)
- 27.x75 Naval stores
- 27.x76 Paints and varnishes
- 27.x79 Chemicals, drugs, and allied products, n. e. c.

#### ***Dry Goods and Apparel (27.x80—General)***

- 27.x81 Piece goods
- 27.x82 Hosiery and lingerie (Women's)
- 27.x83 Notions and other dry goods
- 27.x84 Clothing and furnishings, general
- 27.x85 Men's and boys' clothing and furnishings
- 27.x86 Women's and children's clothing and furnishings
- 27.x87 Millinery and millinery supplies
- 27.x88 Footwear
- 27.x89 Dry goods and apparel, n. e. c.

#### ***Petroleum and Its Products***

- 27.x90 Petroleum and its products (including bulk tank stations)

#### ***Groceries and Food Specialties (28.x00—General)***

- 28.x01 Canned goods
- 28.x02 Coffee, tea, and spices
- 28.x03 Confectionery (see Tobacco and its products)
- 28.x04 Fish and sea foods
- 28.x05 Flour
- 28.x06 Meats and provisions
- 28.x07 Sugar
- 28.x09 Groceries and food specialties, n. e. c.

#### ***Farm Products (including Assemblers of) (28.x10—General)***

- 28.x11 Poultry and poultry products
- 28.x12 Dairy products
- 28.x13 Fresh fruits and vegetables
- 28.x14 Cotton
- 28.x15 Grain
- 28.x16 Hides, skins, and raw furs
- 28.x17 Horses and mules
- 28.x18 Livestock (except horses and mules)
- 28.x21 Silk (raw)

### **WHOLESALE TRADE—Continued**

#### ***Farm Products (including Assemblers of) (28.x10—General)—Continued***

- 28.x22 Tobacco (leaf)
- 28.x23 Wool and mohair
- 28.x24 Farm supplies (including feeds, seeds, and fertilizers)
- 28.x25 Flowers and nursery stock
- 28.x26 Rough timber products
- 28.x29 Farm products, n. e. c (including crude rubber; animal and vegetable oils, and greases)

#### ***Tobacco and Its Products (Except Leaf)***

- 28.x30 Tobacco and its products (except leaf; including wholesale establishments selling both tobacco and other products, such as packaged, confectionery, and stationery)

#### ***Beer, Wine, and Liquors***

- 28.x40 Beer, wine, and liquors

#### ***Electrical Goods (28.x50—General)***

- 28.x51 Electrical apparatus and equipment (for the generation, transmission or utilization of electric energy by electric public utilities)
- 28.x52 Wiring supplies and electrical construction materials
- 28.x59 Electrical goods, n. e. c. (including radios, refrigerators, and other household electrical appliances)

#### ***Furniture and Housefurnishings (28.x60—General)***

- 28.x61 China, glassware, and crockery
- 28.x62 Floor coverings
- 28.x63 Furniture (household and office)
- 28.x64 Housefurnishings
- 28.x65 Musical instruments and sheet music
- 28.x69 Furniture and housefurnishings, n. e. c.

#### ***Hardware***

- 28.x70 Hardware (including specialty lines)

#### ***Lumber and Construction Materials (28.x80—General)***

- 28.x81 Lumber and millwork
- 28.x82 Brick, tile, and terra cotta
- 28.x83 Cement, lime, and plaster (including firms mixing and delivering ready-mixed concrete)
- 28.x84 Glass
- 28.x85 Sand, gravel, and crushed stone
- 28.x89 Construction materials, n. e. c.

#### ***Machinery, Equipment and Supplies (28.x90—General)***

- 28.x91 Commercial machinery and equipment (including office machines, filling

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### WHOLESALE TRADE—Continued

- Machinery, Equipment and Supplies* (28.x90—General)—Continued
- 28.x91 Commercial machinery.—Continued station and garage equipment, store fixtures, restaurant and hotel equipment and supplies)
- 28.x92 Farm machinery and equipment
- 28.x93 Industrial equipment and supplies (including most machinery and equipment used in manufacturing, construction, and mining industries)
- 28.x94 Oil well and oil refining machinery and equipment
- 28.x95 Professional equipment and supplies (used in medical and related sciences)
- 28.x96 Equipment and supplies for service establishments (such as barber shops, laundries, and upholsterers)
- 28.x97 Transportation equipment and supplies (except motor vehicles; includes aircraft, boats, ships and related equipment, n. e. c.)
- 28.x99 Machinery, equipment and supplies, n. e. c. (Wholesale industries continued within group 31.x20 through 31.x49)

### CHEMISTRY AND RELATED FIELDS (30)

This designation covers professional, semiprofessional, and highly specialized functions (except chemical engineering functions) in physical, inorganic, analytical, metallurgical, organic, and biological chemistry.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions)
- 1 Testing and related production functions
- 2 Editing and writing
- 3 Consulting
- 4 Teaching (college level)
- 5 All semiprofessional functions (including technicians)
- 8 Research and development
- 9 Function not specified above

(For students and for those with generalized experience see 30.x97 and 30.x98.)

#### *Physical, Analytical, Inorganic, and Metallurgical Chemistry*

- 30.x00 General
- 30.x01 Atomic and molecular structure—surface chemistry (including isotopes, ar-

### CHEMISTRY AND RELATED FIELDS

(30)—Continued

#### *Physical, Analytical, Inorganic, and Metallurgical Chemistry*—Continued

- 30.x01 Atomic and molecular—Continued tificial and nautical disintegration, spectroscopy, crystal structure, quantum theory, surface film properties and behavior, adhesion and absorption, diffusion, flow and viscosity, and theory of solutions
- 30.x02 Electrochemistry (including theory, current sources, electrolysis, electrophoresis, electrothermics, and electronics)
- 30.x03 Physical chemistry (including colloids, photochemistry, thermodynamics high-vacuum techniques, calorimetry, and chemical equilibria)
- 30.x04 Analytical chemistry (including volumetric, gravimetric and electrometric analysis, optical methods (colorimetry, spectography, microscopy), flame and spot tests, and microchemical analysis)
- 30.x05 Inorganic chemistry, special (including alkali and alkaline earth metals, nitrogen and its compounds, sulphur and its compounds, halogens, iron, cobalt, nickel, inert gases and hydrogen, radioactive elements, rare earths, precious metals, and compounds of the foregoing)
- 30.x06 Inorganic chemistry, general
- 30.x07 Metallurgical chemistry, ferrous (including the chemistry involved in mining and smelting, ore conversion and processing, ore and metal recovery, and metallurgical analysis)
- 30.x08 Metallurgical chemistry, nonferrous (including the chemistry involved in mining and smelting, ore conversion and processing, ore and metal recovery, and metallurgical analysis)
- 30.x11 Mechanism of chemical reaction (including kinetics, gases, liquids, and solids) (homogeneous and heterogeneous systems, solutions, catalysis and inhibition, and tracer reaction technique)
- 30.x19 Not classified above
- Organic Chemistry*
- 30.x20 General
- 30.x21 Synthetic resins and plastics (including natural resins and plastics)

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### CHEMISTRY AND RELATED FIELDS (30)—Continued

#### **Organic Chemistry**—Continued

- 30.x22 Petroleum and fuels (including asphalt and bitumens, fuel oil, gasoline, coal, coke, gaseous fuels, and byproducts of the foregoing)
- 30.x23 Paints and varnishes
- 30.x24 Textiles and dyes (including textile processing, printing colors, natural fibers, synthetic textiles, and finishing materials)
- 30.x25 Wood, paper, and pulp (including wood and paper technology and preservatives)
- 30.x26 Rubber (including rubber derivatives and technology, synthetic rubber and elastic polymers, gutta percha and balata)
- 30.x27 Fats, oils, waxes, and soaps
- 30.x28 Explosives (including blasting, military high explosives, smokeless powder pyrotechnics, priming composition and detonators)
- 30.x29 Not classified above (including carbohydrates)

#### **Biological**

- 30.x30 General
- 30.x31 Food and nutrition chemistry (including grains and grain technology, dairy products, fruits, vegetables, food flavors meat products, canning and preserving, food compositions, and analysis)
- 30.x32 Medical chemistry (including physiological, pathological, and serological chemistry, toxicology blood and other clinical analysis, vitamins, hormones, colorimetric and spectographic instrumentation, and micro-analysis and macro-analysis)
- 30.x33 Pharmaceutical chemistry (including biologics, vegetable and animal drugs, digestive ferments, organic and inorganic pharmaceutical, organometallics, synthetics, perfumes, essential oils, and cosmetics)
- 30.x34 Water, sewage, and sanitation (including the chemistry of water treatment, waste and sewage disposal, and micro-organism)

### CHEMISTRY AND RELATED FIELDS (30)—Continued

#### **Biological**—Continued

- 30.x35 Agricultural chemistry (including plant chemistry, soil and soil surveys, fertilizers, disinfectants, insecticides, fungicides, agricultural poisons, and farm and animal byproducts)

30.x39 Not classified above

#### **Chemistry (other)**

- 30.x90 General
- 30.x97 Student (either a fourth year or a graduate student who does not indicate a specialized field)
- 30.x98 Personnel (experienced in two or more of the above (italicized) fields)
- 30.x99 Not classified above

### INDUSTRIAL FUNCTIONS

- 0 Over-all and coordinating management
- 1 Production supervision
- 2 Purchasing
- 3 Sales
- 4 Warehousing, storage or transportation
- 5 Technology
- 6 Engineering
- 8 Cost accounting
- 9 Not classified above

#### **Metals and Minerals (except Petroleum Products and Scrap)** (31.x00—General)

- 31.x01 Iron and steel (except structural)
- 31.x02 Structural iron and steel
- 31.x03 Wire, wire fencing and wire rope
- 31.x04 Sheet-metal products
- 31.09 Metals and minerals, n. e. c.

#### **Paper and Paper Products** (31.x10—General)

- 31.x11 Wrapping paper and heavy-paper products
- 31.x12 Printing and writing paper
- 31.x13 Stationery and stationery supplies
- 31.x14 Wallpaper
- 31.x19 Paper and paper products, n. e. c.

#### **Plumbing and Heating Equipment and Supplies**

- 31.x20 Plumbing, heating equipment, and supplies, general (including equipment and supplies for air conditioning)

#### **Waste Materials** (31.x30—General)

- 31.x31 Iron and steel scrap
- 31.x32 Nonferrous metal scrap
- 31.x33 Rubber scrap
- 31.x34 Textile wastes
- 31.x35 Waste paper
- 31.x39 Waste materials, n. e. c.

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### WHOLESALE TRADE—Continued

- Machinery, Equipment and Supplies* (28.x90—General)—Continued
- 28.x91 Commercial machinery.—Continued station and garage equipment, store fixtures, restaurant and hotel equipment and supplies)
- 28.x92 Farm machinery and equipment
- 28.x93 Industrial equipment and supplies (including most machinery and equipment used in manufacturing, construction, and mining industries)
- 28.x94 Oil well and oil refining machinery and equipment
- 28.x95 Professional equipment and supplies (used in medical and related sciences)
- 28.x96 Equipment and supplies for service establishments (such as barber shops, laundries, and upholsterers)
- 28.x97 Transportation equipment and supplies (except motor vehicles; includes aircraft, boats, ships and related equipment, n. e. c.)
- 28.x99 Machinery, equipment and supplies, n. e. c. (Wholesale industries continued within group 31.x20 through 31.x49)

### CHEMISTRY AND RELATED FIELDS (30)

This designation covers professional, semiprofessional, and highly specialized functions (except chemical engineering functions) in physical, inorganic, analytical, metallurgical, organic, and biological chemistry.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions)
- 1 Testing and related production functions
- 2 Editing and writing
- 3 Consulting
- 4 Teaching (college level)
- 5 All semiprofessional functions (including technicians)
- 8 Research and development
- 9 Function not specified above

(For students and for those with generalized experience see 30.x97 and 30.x98.)

#### *Physical, Analytical, Inorganic, and Metallurgical Chemistry*

- 30.x00 General
- 30.x01 Atomic and molecular structure—surface chemistry (including isotopes, ar-

### CHEMISTRY AND RELATED FIELDS

(30)—Continued

#### *Physical, Analytical, Inorganic, and Metallurgical Chemistry*—Continued

- 30.x01 Atomic and molecular—Continued tificial and nautical disintegration, spectroscopy, crystal structure, quantum theory, surface film properties and behavior, adhesion and absorption, diffusion, flow and viscosity, and theory of solutions
- 30.x02 Electrochemistry (including theory, current sources, electrolysis, electrophoresis, electrothermics, and electronics)
- 30.x03 Physical chemistry (including colloids, photochemistry, thermodynamics high-vacuum techniques, calorimetry, and chemical equilibria)
- 30.x04 Analytical chemistry (including volumetric, gravimetric and electrometric analysis, optical methods (colorimetry, spectography, microscopy), flame and spot tests, and microchemical analysis)
- 30.x05 Inorganic chemistry, special (including alkali and alkaline earth metals, nitrogen and its compounds, sulphur and its compounds, halogens, iron, cobalt, nickel, inert gases and hydrogen, radioactive elements, rare earths, precious metals, and compounds of the foregoing)
- 30.x06 Inorganic chemistry, general
- 30.x07 Metallurgical chemistry, ferrous (including the chemistry involved in mining and smelting, ore conversion and processing, ore and metal recovery, and metallurgical analysis)
- 30.x08 Metallurgical chemistry, nonferrous (including the chemistry involved in mining and smelting, ore conversion and processing, ore and metal recovery, and metallurgical analysis)
- 30.x11 Mechanism of chemical reaction (including kinetics, gases, liquids, and solids) (homogeneous and heterogeneous systems, solutions, catalysis and inhibition, and tracer reaction technique)
- 30.x19 Not classified above
- #### *Organic Chemistry*
- 30.x20 General
- 30.x21 Synthetic resins and plastics (including natural resins and plastics)

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### CHEMISTRY AND RELATED FIELDS (30)—Continued

#### *Organic Chemistry*—Continued

- 30.x22 Petroleum and fuels (including asphalt and bitumens, fuel oil, gasoline, coal, coke, gaseous fuels, and byproducts of the foregoing)
- 30.x23 Paints and varnishes
- 30.x24 Textiles and dyes (including textile processing, printing colors, natural fibers, synthetic textiles, and finishing materials)
- 30.x25 Wood, paper, and pulp (including wood and paper technology and preservatives)
- 30.x26 Rubber (including rubber derivatives and technology, synthetic rubber and elastic polymers, gutta percha and balata)
- 30.x27 Fats, oils, waxes, and soaps
- 30.x28 Explosives (including blasting, military high explosives, smokeless powder pyrotechnics, priming composition and detonators)
- 30.x29 Not classified above (including carbohydrates)

#### *Biological*

- 30.x30 General
- 30.x31 Food and nutrition chemistry (including grains and grain technology, dairy products, fruits, vegetables, food flavors meat products, canning and preserving, food compositions, and analysis)
- 30.x32 Medical chemistry (including physiological, pathological, and serological chemistry, toxicology blood and other clinical analysis, vitamins, hormones, colorimetric and spectographic instrumentation, and micro-analysis and macro-analysis)
- 30.x33 Pharmaceutical chemistry (including biologics, vegetable and animal drugs, digestive ferments, organic and inorganic pharmaceutical, organometallics, synthetics, perfumes, essential oils, and cosmetics)
- 30.x34 Water, sewage, and sanitation (including the chemistry of water treatment, waste and sewage disposal, and micro-organism)

### CHEMISTRY AND RELATED FIELDS (30)—Continued

#### *Biological*—Continued

- 30.x35 Agricultural chemistry (including plant chemistry, soil and soil surveys, fertilizers, disinfectants, insecticides, fungicides, agricultural poisons, and farm and animal byproducts)

30.x39 Not classified above

#### *Chemistry (other)*

- 30.x90 General
- 30.x97 Student (either a fourth year or a graduate student who does not indicate a specialized field)
- 30.x98 Personnel (experienced in two or more of the above (*italicized*) fields)
- 30.x99 Not classified above

### INDUSTRIAL FUNCTIONS

- 0 Over-all and coordinating management
- 1 Production supervision
- 2 Purchasing
- 3 Sales
- 4 Warehousing, storage or transportation
- 5 Technology
- 6 Engineering
- 8 Cost accounting
- 9 Not classified above

#### *Metals and Minerals (except Petroleum Products and Scrap)* (31.x00—General)

- 31.x01 Iron and steel (except structural)
- 31.x02 Structural iron and steel
- 31.x03 Wire, wire fencing and wire rope
- 31.x04 Sheet-metal products

31.09 Metals and minerals, n. e. c.

#### *Paper and Paper Products* (31.x10—General)

- 31.x11 Wrapping paper and heavy-paper products
- 31.x12 Printing and writing paper
- 31.x13 Stationery and stationery supplies
- 31.x14 Wallpaper
- 31.x19 Paper and paper products, n. e. c.

#### *Plumbing and Heating Equipment and Supplies*

- 31.x20 Plumbing, heating equipment, and supplies, general (including equipment and supplies for air conditioning)

#### *Waste Materials* (31.x30—General)

- 31.x31 Iron and steel scrap
- 31.x32 Nonferrous metal scrap
- 31.x33 Rubber scrap
- 31.x34 Textile wastes
- 31.x35 Waste paper
- 31.x39 Waste materials, n. e. c.

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

**INDUSTRIAL FUNCTIONS—Continued**

*Wholesale Trade, Other* (31.x40)

- 31.x41 Amusement and sporting goods
- 31.x42 Farm supplies
- 31.x43 Jewelry
- 31.x44 Optical and ophthalmic goods
- 31.x45 Flowers and nursery stock
- 31.x46 Rough timber products
- 31.x47 Leather and leather goods
- 31.x49 Wholesale trade, n. e. c. (including second-hand)

**RETAIL TRADE**

*Food (including Eating and Drinking Places)* (31.x50—General)

- 31.x51 Restaurants, cafeterias, and related eating places (including establishments where alcoholic beverages are served incidentally; including soda fountains serving complete meals prepared on the premises)
- 31.x52 Refreshment stands and related establishments (including frankfurter stands, frozen custard and ice cream stands, and related establishments)
- 31.x53 Drinking places (including establishments where food is served incidentally)
- 31.x54 Grocery stores (including those selling meat)
- 31.x55 Meat markets (including those selling fish)
- 31.x56 Fish markets
- 31.x57 Fruit and vegetable stores and markets
- 31.x58 Candy, confectionery and nut stores (including soda fountains not serving complete meals prepared on the premises)
- 31.x59 Food stores, n. e. c.

*General Merchandise* (31.x60)

- 31.x61 Department stores
- 31.x62 Mail-order houses, general merchandise
- 31.x63 Limited price variety stores ("5- and 10-cent" and "5 cents to a dollar" stores)
- 31.x64 Dry goods stores
- 31.x65 General merchandise stores (includes "Army and Navy" stores)
- 31.x66 General stores (country general stores)
- 31.x69 General merchandise establishments, n. e. c.

**RETAIL TRADE—Continued**

*Apparel and Accessories* (31.x70—General)

- 31.x71 Men's and boys' clothing and furnishing stores
- 31.x72 Women's ready-to-wear stores
- 31.x73 Women's accessory and specialty shops
- 31.x74 Infants' wear shops
- 31.x75 Shoe stores
- 31.x76 Custom tailors
- 31.x77 Furriers and fur shops
- 31.x78 Umbrella shops
- 31.x79 Apparel stores, n. e. c.

*Furniture, Home Furnishings and Equipment* (31.x80—General)

- 31.x81 Furniture stores and interior decorators
- 31.x82 Floor-covering stores
- 31.x83 Electrical and gas household appliance (including radio) stores
- 31.x89 Specialized home furnishings and equipment stores (including floor-covering, drapery, lamp, china, picture and framing, awning, and flag shops)

*Miscellaneous Retail Stores* (31.x90)

- 31.x91 Motor vehicle dealers (including used cars)
- 31.x92 Automotive accessory, tire and battery dealers
- 31.x93 Automotive dealers, n. e. c. (including aircraft, motorboats, passenger trailers, and related automotive products)
- 31.x94 Filling stations
- 31.x95 Drug stores
- 31.x96 Hardware stores (including farm-implement dealers)
- 31.x97 Lumber and building materials and supplies (including heating and plumbing equipment; paint, glass and wallpaper; and electric supplies for home construction purposes)
- 31.x98 Beer and liquor stores (including those owned by a state, county, or municipality)
- 32.x01 Second-hand stores
- 32.x02 Book and stationery stores
- 32.x03 Sporting goods stores (including bicycle shops)
- 32.x04 Farm and garden supply stores (including hay, grain, and feed)
- 32.x05 Florists

**CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS**

**RETAIL TRADE—Continued**

- Miscellaneous Retail Stores (31.x90)—Continued*
- 32.x06 Cigar stores
  - 32.x07 News dealers and newsstands
  - 32.x08 Jewelry stores
  - 32.x11 Fuel and ice dealers
  - 32.x12 Music stores
  - 32.x13 Photographic supply stores
  - 32.x14 Artist supply and material stores
  - 32.x15 Luggage and leather-goods stores
  - 32.x16 Antique stores (including objects of art)
  - 32.x17 Gift, novelty, and souvenir shops
  - 32.x18 Optical and ophthalmic goods stores
  - 32.x19 Miscellaneous retail stores, n. e. c.

**FINANCE, INSURANCE, AND REAL ESTATE**

*Banking (32.x20—General)*

- 32.x21 Rediscounting and financing institutions for banks (including Federal Reserve banks)
- 32.x22 National banks
- 32.x23 State Banks and trust companies ("Commercial" banks)
- 32.x24 Private banks
- 32.x25 Mutual Savings banks (including N. H. guaranty fund banks)
- 32.x26 Inactive banks and banks in process of liquidation
- 32.x29 Banking, n. e. c. (including agencies of foreign banks, currency exchanges, safe deposit companies, city and regional clearing house associations, and corporations for banking abroad)

*Credit Agencies Other Than Banks—long term (32.x30—General)*

- 32.x31 Rediscount and financing institutions—long term (including Federal Home Loan Banks)
- 32.x32 Active savings and loan associations
- 32.x33 Urban mortgage companies
- 32.x34 Farm mortgage companies and farm mortgage banks
- 32.x35 National farm loan associations and other cooperative credit associations
- 32.x36 Mortgage agents of insurance companies and local farm loan brokers
- 32.x37 General and industrial loan institutions—long term (including RFC and Export-Import Banks)
- 32.x39 Credit agencies other than bank—long term, n. e. c. (including inactive or-

**FINANCE, INSURANCE, AND REAL ESTATE—Continued**

*Credit Agencies Other Than Banks—long term (32.x30—General)—Continued*

- 32.x39 Credit agencies, etc.—Continued organizations and organizations in process of liquidation)

*Credit Agencies Other Than Banks—short term (32.x40—General)*

- 32.x41 Rediscounting and financing institutions—short term
- 32.x42 Agricultural credit agencies (except mortgage companies)
- 32.x43 Sales finance and industrial credit (including purchasers of accounts receivable)
- 32.x44 Personal credit (including credit unions, small loan companies, and pawnbrokers)

- 32.x49 Credit agencies other than banks—short term, general (including inactive organizations and organizations in process of liquidation)

*Investment Trusts and Companies; Holding and Investment-Holding Companies (32.x50—General)*

- 32.x51 Investment companies (including unit-investment trusts and management investment companies)
- 32.x52 Holding companies and investment
- 32.x53 Oil royalty companies (including gas)
- 32.x54 Commodity trading companies
- 32.x59 Trusts, n. e. c. (including private trust funds)

*Security and Commodity Brokers, Dealers, and Exchanges (32.x60—General)*

- 32.x61 Security brokers and dealers
- 32.x62 Commodity brokers and dealers
- 32.x63 Exchanges and exchange clearing houses
- 32.x64 Quotation services

- 32.x69 Security and commodity organizations, n. e. c. (including investment advisers)

*Insurance Carriers—not Agents, Brokers, and Service (32.x70—General)*

- 32.x71 Life insurance
- 32.x72 Fire and Marine insurance, general
- 32.x73 Marine insurance (carriers specializing in maritime insurance)
- 32.x74 Accident and health insurance
- 32.x75 Title insurance
- 32.x76 Financial obligation insurance (including companies insuring bank deposits,

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### FINANCE, INSURANCE, AND REAL ESTATE—Continued

#### *Insurance Carriers—not Agents, Brokers, and Service*—Continued

- 32.x76 Financial obligation, etc.—Continued shares in savings and loan associations, and guaranteeing or issuing insurance on mortgages)
- 32.x79 Insurance carriers, n. e. c. (including casualty, fidelity, and surety insurance companies)

#### *Insurance Agents, Brokers, and Service* (32.x80—General)

- 32.x81 Insurance agents
- 32.x82 Insurance brokers
- 32.x83 Rate-making organizations
- 32.x84 Independent insurance adjusters
- 32.x85 Adjusting bureaus and life insurance conservation bureaus (carrier-owned and operated)
- 31.x86 Insurance services, n. e. c. (including policyholders consulting service)

#### *Finance (Other)*

- 32.x87 Patent buying and licensing
- 32.x88 Security-holders' protective committees
- 32.x89 Finance, n. e. c.

#### *Real Estate* (32.x90—General)

- 32.x91 Operators (owners or lessees) of improved property (including dwellings and office buildings)
  - 32.x92 Lessors of real property (including agricultural, forest, mining, railroad, public utilities, business, and residential properties)
  - 32.x93 Owners for improvement (including subdividing real property into lots and developing it for resale)
  - 32.x94 Speculative builders
  - 32.x95 Trader (not builders)
  - 32.x96 Agents, brokers, and managers
  - 32.x99 Real estate, n. e. c. (including companies engaged in searching real estate titles—title abstract companies)
- Industrial codes continued to 37.x01

### PHYSICS AND ASTRONOMY (33)

These designations cover theoretical and laboratory work in physics and astronomy, and include the specialized fields of mechanics, heat, sound, light, electricity, magnetism, electronics, crystallography, X-rays, astrophysics, and related subjects. Applied or engineering aspects of physics are not

### PHYSICS AND ASTRONOMY (33)—Continued

treated here and are classified in the engineering groups.

The third digit (indicated by "x" in the code numbers) provides for further classification in accordance with the following functions:

- 0 General (two or more functions (including administration))
- 1 Testing and related production functions
- 2 Editing and writing
- 3 Consulting
- 4 Teaching (college level)
- 5 All semiprofessional occupations (including technicians)
- 6 Research
- 7 Not specified above

(For students and for those with generalized experience see 25.x97 and 25.x98.)

#### *Mechanics*

- 33.x00 General
- 33.x01 Weights and measures
- 33.x02 Timepieces and measurements of time
- 33.x03 Vibration measurements analysis and control
- 33.x04 Ballistics
- 33.x05 Elasticity, including photoelastic analysis
- 33.x06 Hydrodynamics
- 33.x07 Aerodynamics
- 33.x08 Extreme pressure effects
- 33.x09 Not classified above

#### *Heat*

- 33.x10 General
- 33.x11 Thermometry and pyrometry
- 33.x12 Calorimetry
- 33.x13 Thermodynamics, theoretical and applied
- 33.x14 Low and high temperature phenomena
- 33.x15 Heat engines
- 33.x16 Heat transmission and insulation
- 33.x19 Not classified above

#### *Sound*

- 33.x20 General
- 33.x21 Propagation and transmission of sound
- 33.x22 Instruments and techniques for sound measurement
- 33.x23 Music, tone, harmonics, pitch, etc.
- 33.x24 Building acoustics
- 33.x25 Sound ranging
- 33.x26 Aircraft detection
- 33.x29 Not classified above

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### PHYSICS AND ASTRONOMY (33)—Continued

#### *Light*

- 33.x30 General
- 33.x31 Standards and illumination, absorption, reflectivity
- 33.x32 Light measurements and sources
- 33.x33 Instrument design
- 33.x34 Spectroscopy
- 33.x35 Microphotography
- 33.x36 Color photography
- 33.x39 Not classified above

#### *Electricity, Magnetism, Electronics, and Ionics*

- 33.x40 General
- 33.x41 Direct and alternating current phenomena
- 33.x42 Conduction of electricity in solids and liquids
- 33.x43 Electrical contacts
- 33.x44 Other (electricity)
- 33.x45 Magnetism
- 33.x46 Conduction in gases, theoretical and practical
- 33.x47 Vacuum tubes
- 33.x48 Electron optics
- 33.x49 Not classified above

#### *X-Rays and Crystallography*

- 33.x50 General
- 33.x51 X-ray production
- 33.x52 X-ray spectroscopy
- 33.x53 X-ray radiography
- 33.x54 X-ray industrial applications
- 33.x55 X-ray biological uses
- 33.x56 Electron diffraction, design of equipment
- 33.x57 Electron diffraction application
- 33.x58 Crystal structure
- 33.x59 Not classified above

#### *Molecular, Atomic, and Nuclear Physics*

- 33.x60 General
- 33.x61 Cyclotrons
- 33.x62 Electrostatic and electromagnetic generators
- 33.x63 Atomic and nuclear disintegration, includes artificial radioactivity
- 33.x64 Cosmic rays
- 33.x65 Standards and radioactivity techniques
- 33.x66 Mass spectroscopy
- 33.x67 Structure (including atomic, nuclear, or molecular)
- 33.x69 Not classified above

#### *Astronomy and Astrophysics*

- 33.x70 General
- 33.x71 Skilled visual observation

### PHYSICS AND ASTRONOMY (33)—Continued

#### *Astronomy and Astrophysics—Continued*

- 33.x72 Photographic and photometry technique
- 33.x73 Celestial mechanics and statistical analysis
- 33.x74 Optics and design of instruments and methods
- 33.x75 Navigation
- 33.x76 Stellar, solar, and planetary spectroscopy
- 33.x77 Radiation measurement (including radiometer, photoelectric cell, thermopile, and bolometer)
- 33.x79 Not classified above

#### *Physics and Astronomy (other)*

- 33.x90 General
- 33.x91 Mechanical devices and instruments, n. e. c.
- 33.x97 Student (either a fourth year or graduate student who does not indicate a field of specialization)
- 33.x98 Personnel experienced in two or more of the above (italicized) fields
- 33.x90 Not classified above

## MATHEMATICS AND STATISTICS (34)

The third digit (indicated by "x" in the code numbers) provides for classification of jobs according to function, as follows:

- 0 General (two or more functions) (including administration)
- 2 All semiprofessional functions
- 3 Editing and writing
- 4 Teaching (college level)
- 5 Sampling methods
- 6 Interpretation of data (analysis)
- 7 Presentation of data (including graphic)
- 8 Research
- 9 Function not specified above

(For students and for those with generalized experience, see 34.x97 and 34.x98.)

#### *(Pure) Mathematics, Intermediate*

- 34.x00 General (including only individuals who have a baccalaureate degree, with mathematics as the major subject, that is, a minimum of 30 hours credit in the subject)

#### *(Pure) Mathematics, Advanced*

- 34.x10 General (including only individuals who have at least a master's degree in the field of mathematics)

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

**MATHEMATICS AND STATISTICS**

(34)—Continued

*(Pure) Statistical methods and procedures*

34.x20 General

*Financial Statistics*

34.x30 General (embraces the gathering, interpretation, and presentations of factual information about earnings and dividends of corporations, industries, and securities)

*Economic Statistics* (other than financial and agricultural)

34.x40 General

34.x41 Labor

34.x42 Cost of living

34.x43 Industry (manufacturing and distribution)

34.x44 Public utilities (including transportation)

34.x45 Construction

34.x46 Insurance cost studies, nonactuarial (including social insurance)—see 34.x92

34.x47 Government regulation of business

34.x48 Problems related to fisheries, forests, minerals, or water power

34.x49 Not classified above

*Agricultural Economics Statistics*

34.x50 General

34.x51 Marketing of agricultural products

34.x52 Government regulation of agriculture (including subsidies and price control)

34.x53 Finance (pertinent only to agriculture)

34.x59 Not classified above

*Statistics of Physical Sciences*

34.x60 General

34.x61 Geodetics

34.x62 Ballistics

34.x63 Astronomy

34.x64 Meteorology

34.x65 Engineering

34.x66 Cryptography

34.x69 Not classified above

*Statistics of Natural Sciences*

34.x70 General (including agriculture, forestry, and medicine)

*Social Statistics*

34.x80 General

34.x81 Vital (census)

34.x82 Psychological and educational

34.x83 Sociological analysis

34.x89 Not classified above

*Actuarial Statistics*

34.x90 General

34.x91 Life, accident, and health insurance

**MATHEMATICS AND STATISTICS**

(34)—Continued

*Actuarial Statistics*—Continued

34.x92 Social insurance—see 34.x46

34.x93 Property insurance (other than marine)

34.x94 Marine insurance

34.x95 Casualty, fidelity, and surety insurance

34.x96 Financial obligation insurance

34.x97 Student (either a fourth year student of mathematics or statistics; or a graduate student in statistics) NOTE.—Graduate students of mathematics should be coded either 34.x00 or 34.x10 as appropriate.

34.x98 Mathematician or statistician experienced in two or more of the above *italicized* fields

NOTE.—Do not code here a (pure) advanced mathematician who is not also a statistician

34.x99 Not classified above

**GEOLOGY AND GEOPHYSICS** (35)

Covered by this designation are professional occupations in the field of geology and geophysics which includes specialized branches such as economic geology, mineralogy, paleontology, petrology, surficial geology and stratigraphy, seismology, hydrology, oceanography, terrestrial magnetism and electricity, meteorology, and practical weather forecasting.

The third digit (indicated by "x" in the code numbers) provides for classification according to the following functions:

0 General (two or more functions including administration)

1 Curating

2 Editing and writing

3 Consulting

4 Teaching (college level)

5 Inspection

6 Exploring and related functions

7 All semiprofessional occupations (including technicians)

8 Research

9 Function not specified above

(For students and for those with generalized experience see 35.x97 and 35.x98.)

*Economic Geology*

35.x00 General

35.x01 Building stone, sand, gravel, cement, clay, refractories

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### GEOLOGY AND GEOPHYSICS (35)—Continued

#### *Economic Geology*—Continued

- 35.x02 Coal
- 35.x03 Engineering
- 35.x04 Gas and oil (petroleum)
- 35.x05 Ground water
- 35.x06 Minerals, metallic and nonmetallic,  
n. e. c.
- 35.x09 Not classified above

#### *Mineralogy*

- 35.x10 General
- 35.x11 Crystallography
- 35.x12 Chemical mineralogy
- 35.x13 Physical mineralogy
- 35.x14 Optical mineralogy
- 35.x15 Gems and precious stones
- 35.x16 Meteorites
- 35.x19 Not classified above

#### *Paleontology*

- 35.x20 General
- 35.x21 Micropaleontology
- 35.x22 Paleobotany
- 35.x23 Invertebrate paleontology
- 35.x24 Vertebrate paleontology
- 35.x29 Not classified above

#### *Petrology*

- 35.x30 General
- 35.x31 Igneous petrology
- 35.x32 Metamorphic petrology
- 35.x33 Petrography
- 35.x34 Sedimentary petrology
- 35.x35 Petrofabrics
- 35.x36 Geochemistry
- 35.x39 Not classified above

#### *Surficial Geology and Stratigraphy*

- 35.x40 General
- 35.x41 Cartography
- 35.x42 Geomorphology
- 35.x43 Glacial geology
- 35.x44 Physiographic processes
- 35.x45 Topography
- 35.x46 Soil science
- 35.x47 Stratigraphy
- 35.x49 Not classified above

#### *Seismology*

- 35.x50 General
- 35.x51 Seismic prospecting
- 35.x52 Design of engineering structures to resist earthquakes
- 35.x53 Instruments and equipment, design, development, construction
- 35.x54 Station operation

### GEOLOGY AND GEOPHYSICS (35)—Continued

#### *Seismology*—Continued

- 35.x59 Not classified above

#### *Oceanography and Hydrology*

- 35.x60 General
- 35.x61 Physical or chemical properties of ocean waters
- 35.x62 Waves, tides, or currents
- 35.x64 Bottom specimens
- 35.x65 Sea ice
- 35.x66 Instruments and equipment, design, development, construction
- 35.x67 Flood forecasting
- 35.x68 Snow and glacial hydrology and surveying
- 35.x69 Not classified above

#### *Terrestrial Magnetism and Electricity*

- 35.x70 General
- 35.x71 Magnetic methods, general
- 35.x72 Magnetic surveys, land and sea
- 35.x73 Geomagnetic mapping
- 35.x74 Earth currents and magnetic storms
- 35.x75 Electrical methods, general
- 35.x76 Atmospheric electricity
- 35.x77 Cosmic rays (See Physics and Astronomy 33.x64)
- 35.x78 Instruments and equipment, design, development, construction
- 35.x79 Not classified above

#### *Meteorology (including forecasting)*

- 35.x80 General
- 35.x81 Surface, continental
- 35.x82 Surface, sea
- 35.x83 Radiosonde
- 35.x84 Weather coding, mapping, and plotting
- 35.x85 Weather forecasting (general)
- 35.x86 Weather forecasting (including airways and special interests)
- 35.x87 Climatology
- 35.x88 Instruments and equipment; design and development
- 35.x89 Not classified above

#### *Geology and Geophysics (Other)*

- 35.x90 General
- 35.x91 Geology, n. e. c.
- 35.x92 Geophysics, n. e. c.
- 35.x97 Student (either a fourth year or graduate student who does not indicate a field of specialization)
- 35.x98 Personnel experienced in two or more of the above (italicized) fields
- 35.x99 Not classified above

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES

*Transportation* (See "Transportation 65" page 92)

- 0 Over-all and coordinating management
- 1 Production supervision
- 2 Purchasing
- 3 Sales
- 4 Warehousing, storage, or transportation
- 5 Technology
- 6 Engineering
- 8 Cost Accounting
- 9 Not classified above

*Communication* (37.x00—General)

- 37.x01 Telephone
- 37.x02 Telegraph
- 37.x03 Radio (program broadcasting and television) (see Radio Engineering, 47)
- 37.x04 Radio message services
- 37.x09 Communications, n. e. c. (including teletypewriter, ticker tape, telephoto and phototransmission services)

*Heat, Light, and Power* (37.x10—General)

- 37.x11 Electric light and power
- 37.x12 Gas, general (including companies distributing a mixture of natural and manufactured gas)
- 37.x13 Natural gas
- 37.x14 Manufactured gas
- 37.x19 Heat, light, and power, n. e. c. (including producers and distributors of steam for heating and power purposes)

*Water and Sanitary Services* (37.x20—General)

- 37.x21 Water
- 37.x22 Sanitary services (including companies engaged in the disposal of garbage, ashes, rubbish, and sewage, by means of destroying or processing such wastes or otherwise providing facilities for their final disposal)
- 37.x29 Water and sanitary services, n. e. c.

SERVICE INDUSTRIES

*Lodging Places* (37.x30—General)

- 37.x31 Hotels (including seasonal hotels)
- 37.x32 Rooming and boarding houses
- 37.x33 Auto courts, tourist camps, and cabin camps
- 37.x34 Sporting and recreational camps (including dude ranches)
- 37.x39 Lodging places, n. e. c. (including YMCA and other membership organizations)

SERVICE INDUSTRIES—Continued

- Personal Services (Industries)* (37.x40—General)
- 37.x41 Laundries and laundry services (including power and hand laundries, linen supply, and diaper service)
  - 37.x42 Cleaning and dyeing plants (including rug cleaning and repairing)
  - 37.x43 Photographic studios (including processors and commercial photographers)
  - 37.x44 Barber or beauty shops
  - 37.x45 Shoe repair shops (including hat cleaning)
  - 37.x46 Funeral service (including crematories)
  - 37.x47 Valet shops (including fur repair and storage)
  - 37.x49 Personal service industries, n. e. c. (including Turkish baths, clothing rental, locker rental, and social escort service)

*Business Services* (37.x50—General)

- 37.x51 Advertising (including agencies and outdoor services)
- 37.x52 Adjustment and credit bureaus; and collection agencies
- 37.x53 Duplicating, addressing, blueprinting, photostating, mailing, mailing list, and stenographic services
- 37.x54 Private employment agencies
- 37.x55 Services to buildings (including window cleaning, vermin extermination, and janitorial services)
- 37.x56 News syndicates
- 37.x57 Export-import services
- 37.x59 Business services, n. e. c. (including auctioneering establishments, vending machine services, sign-painting shops, armored-car services, detective agencies, public-address systems, bottle exchanges, and commodity inspection services)

*Automobile Repair Services and Garages* (37.x60—General)

- 37.x61 Automobile and truck rentals
- 37.x62 Storage garages and parking lots
- 37.x63 Automobile repair, general
- 37.x64 Automobile top and body repair
- 37.x65 Battery and ignition service
- 37.x66 Radiator repair shops
- 37.x67 Tire repair shops (including retreading)
- 37.x68 Automobile paint shops
- 37.x69 Automotive services, n. e. c.

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### SERVICE INDUSTRIES—Continued

#### *Miscellaneous Repair Services* (37.x70—General)

- 37.x71 Blacksmith shops
- 37.x72 Electrical repair shops (including armature rewinding)
- 37.x73 Watch, clock, and jewelry repair
- 37.x74 Upholstery and furniture repair
- 37.x75 Musical instrument repair
- 37.x76 Locksmith and gunsmith shops
- 37.x79 Miscellaneous repair shops and hand trades, n. e. c. (including key duplicating, tool sharpening, and tinsmithing)

#### *Motion Picture Theaters*

- 37.x86 Rental or repair of motion-picture equipment
- 37.x87 Motion-picture theaters

#### *Amusement and Recreation Services* (37.x90—General)

- 37.x91 Dance halls, studios, and schools
- 37.x92 Theaters and theatrical producers (including related services: employment agencies, booking agencies, ticket agencies, and rental agencies for scenery)
- 37.x93 Baseball and football clubs, athletic fields, and sports promoters
- 37.x94 Golf clubs
- 37.x95 Bathing beaches or swimming pools
- 37.x96 Riding academies
- 37.x97 Bands, orchestras, and entertainers
- 37.x98 Race-track operation (including racing stable management)
- 37.x99 Amusement and recreation services, n. e. c. (including bowling, billiards and pool; skating rinks, gymnasiums; tennis courts; shooting galleries; and miscellaneous amusement concessions)

(Service Industries continued within 44.x00 through 44.x39.)

### CIVIL ENGINEERING (40)

This designation includes the construction, installation, maintenance, design, lay-out, and location of such works as roads, buildings, water supply and sewage disposal systems; and surveying.

The third digit (indicated by "x" in the code numbers) provides for classification of jobs according to phase of operation as follows:

- 0 General (two or more functions including administration)
- 1 Inspection (including indirect supervision of construction)

### CIVIL ENGINEERING (40)—Continued

#### The third digit, etc.—Continued

- 2 All semiprofessional functions (including technicians)
- 3 Direct supervision of construction or installation
- 4 Teaching (college level)
- 5 Operation or maintenance
- 6 Estimating, valuating, or appraising
- 7 Layout or location
- 8 Design
- 9 Function not specified above

(For students and for those with specialized training see 40.x97 and 40.x98)

#### *Airports and Landing Fields*

- 40.x00 General
- 40.x01 Drainage and runways
- 40.x02 Hangars and buildings
- 40.x03 Housing and utilities
- 40.x04 Radio towers
- 40.x05 Not classified above

#### *Bridges*

- 40.x06 General
- 40.x07 Arch
- 40.x08 Cantilever
- 40.x09 Movable-bascule, vertical lift
- 40.x10 Ponton, floating
- 40.x11 Rigid frame
- 40.x12 Suspension
- 40.x13 Trestles, viaducts
- 40.x14 Truss
- 40.x15 Not classified above

#### *Buildings*

- 40.x16 General
- 40.x17 Cantonments
- 40.x18 Commercial
- 40.x19 Industrial
- 40.x20 Schools and hospitals
- 40.x21 Stadia and grandstands
- 40.x22 Theaters and auditoriums
- 40.x23 Coal and grain elevators and storage
- 40.x24 Building demolition and materials salvage
- 40.x25 Not classified above

#### *Dams, Locks*

- 40.x26 General
- 40.x27 Arched
- 40.x28 Concrete and masonry gravity dams
- 40.x29 Earth, hydraulic fill, rock fill dams, and timber dams
- 40.x30 Movable dams

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

**CIVIL ENGINEERING (40)—Continued**

*Dams, Locks*—Continued

- 40.x31 Reinforced concrete (including retaining walls and buttresses)
- 40.x32 Locks
- 40.x33 Not classified above

*Flood Control*

- 40.x34 General
- 40.x35 Channels and diversion
- 40.x36 Dams, reservoirs, or levees
- 40.x37 Not classified above

*Foundations*

- 40.x38 General
- 40.x39 Diamond and shot drilling, and wash-boring
- 40.x40 Piers and abutments
- 40.x41 Piles, pile driving, and underpinning
- 40.x42 Pneumatic and open caissons
- 40.x43 Not classified above

*Highways, Streets, Pavements*

- 40.x44 General
- 40.x45 Bituminous, brick, and concrete
- 40.x46 Macadam, earth, gravel, and low-cost roads
- 40.x47 Not classified above

*Hydrology, Meteorology*

- 40.x48 General
- 40.x49 Run-off, floods, underground flow, and storage
- 40.x50 Not classified above

*Ports, Terminals, Harbors, Waterways*

- 40.x51 General
- 40.x52 Breakwaters, jetties, roadsteads, and anchorages
- 40.x53 Canals
- 40.x54 Coast protection
- 40.x55 Loading, unloading, and storage facilities
- 40.x56 Docks, piers, quays, wharves, and bulkheads
- 40.x57 Dredges and dredging
- 40.x58 Drydocks and shipyards
- 40.x59 Not classified above

*Railroads—Street Railways*

- 40.x60 General
- 40.x61 Tracks
- 40.x62 Terminals, shops, and yards
- 40.x63 Street and interurban systems
- 40.x64 Steam and electric systems
- 40.x65 Not classified above

*Reclamation and Soils*

- 40.x66 General

**CIVIL ENGINEERING (40)—Continued**

*Reclamation and Soils*—Continued

- 40.x67 Irrigation projects
- 40.x68 Soils and soil erosion control
- 40.x69 Not classified above

*Sanitation*

- 40.x70 General
- 40.x71 Garbage, incineration, and waste disposal
- 40.x72 Industrial and factory
- 40.x73 Sewerage systems, and sewage treatment and disposal
- 40.x74 Not classified above

*Surveying and Mapping*

- 40.x75 General
- 40.x76 Aerial surveying and topographic mapping
- 40.x77 Geodetic and triangulation surveys
- 40.x78 Surveys and mapping (including hydrographic)
- 40.x79 Not classified above

*Tunnels and Shafts*

- 40.x80 General
- 40.x81 Earth tunnels
- 40.x82 Rock tunnels
- 40.x83 Shafts
- 40.x84 Subaqueous tunnels
- 40.x85 Subways
- 40.x86 Not classified above

*Valuations, Appraisals, Markets*

- 40.x87 General
- 40.x88 Buildings
- 40.x89 Public utilities or railroads
- 40.x90 Not classified above

*Water Works*

- 40.x91 General
- 40.x92 Canals, tunnels, aqueducts, wells, galleries, and intakes
- 40.x93 Distribution mains, pumping plants and services, standpipes, tanks, and storage works
- 40.x94 Filtration and treatment plants
- 40.x95 Not classified above

*Civil Engineer (other)*

- 40.x96 General
- 40.x97 Student (either a fourth year, or a graduate student in any of above fields who does not indicate a field of specialization)
- 40.x98 Individual experience in two or more of above (italicized) fields.
- 40.x99 Not classified above

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### NAVAL ARCHITECTURE AND MARINE ENGINEERING (41)

Covered by this designation are professional and semiprofessional occupations in Naval Architecture and Marine Engineering including basic and structural design of boats, hull engineering, hull equipment, plant construction and planning, basic design of marine power plants, and other specialized fields.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Direct supervision of construction
- 2 Editing and writing
- 3 Consulting
- 4 Teaching (college level)
- 5 All semiprofessional functions (including technicians)
- 6 Research
- 7 Design
- 8 Operation or maintenance
- 9 Function not specified above

(For students and for those with generalized experience see 41.x97 and 41.x98.)

(Naval Architecture (41.x00—41.x59)

#### Basic Design

- 41.x00 General
- 41.x01 Lines
- 41.x02 Ship calculations (including weight)
- 41.x03 Stability
- 41.x04 Subdivision
- 41.x05 Freeboard
- 41.x06 Speed and Power
- 41.x07 Launching
- 41.x08 Specifications
- 41.x09 Not classified above

#### Structural Design

- 41.x10 General
- 41.x13 Midship section
- 41.x14 Bulkheads
- 41.x15 Framing
- 41.x16 Shelf plating
- 41.x17 Decks
- 41.x18 Superstructures
- 41.x21 Riveting and welding
- 41.x22 Armor
- 41.x23 Vibration
- 41.x24 General strength calculation
- 41.x25 Foundations

### NAVAL ARCHITECTURE AND MARINE ENGINEERING (41)—Continued

#### Structural Design—Continued

- 41.x26 Fireproofing and insulation
  - 41.x29 Not classified above
- Hull Engineering**
- 41.x30 General
  - 41.x31 Cargo handling
  - 41.x32 Steering gear
  - 41.x33 Anchor gear
  - 41.x34 Boat handling
  - 41.x35 Rigging
  - 41.x36 Airplane handling
  - 41.x37 Drainage and hull piping systems
  - 41.x38 Turrets and ammunition handling
  - 41.x39 Not classified above

**Hull Equipment**

- 41.x40 General
- 41.x41 Navigation
- 41.x42 Commissary, hospital, laundry
- 41.x43 Electrical
- 41.x44 Doors, windows, hatches, ports
- 41.x45 Fire protection
- 41.x49 Not classified above

**Plants**

- 41.x50 General
- 41.x52 Piers
- 41.x53 Dry docks
- 41.x54 Marine railways
- 41.x55 Shops
- 41.x56 Machine tools
- 41.x57 Crane service
- 41.x59 Not classified above

### MARINE ENGINEERING (41.x60—41.x89)

#### Basic Design

- 41.x60 General
- 41.x61 Specifications (includes calculations)
- 41.x62 Fuel consumption
- 41.x63 Boiler heating surface
- 41.x64 Reduction gear calculation
- 41.x65 Condenser calculation
- 41.x66 Heat balance calculation
- 41.x67 Piping diagrams
- 41.x68 Turbine calculations
- 41.x69 Not classified above

**Marine Engineering**

- 41.x70 General
- 41.x71 Boilers, condenser pumps, and blowers
- 41.x72 Reciprocating steam engines
- 41.x73 Turbines

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

MARINE ENGINEERING (41.x60-41.89)—Con.

*Marine Engineering*—Continued

- 41.x74 Turbo-electric
- 41.x75 Diesel engines
- 41.x76 Reduction gears
- 41.x77 Propellers
- 41.x78 Shafting
- 41.x81 Electric equipment and circuits
- 41.x83 Lubrication
- 41.x84 Vibration, insulation, and sound control
- 41.x85 Deck machinery
- 41.x86 Trial conducting and analysis
- 41.x87 Piping
- 41.x88 Feed systems
- 41.x89 Not classified above

*Naval Architecture and Marine Engineering (other)*

- 41.x90 General
- 41.x91 Naval architecture, n. e. c.
- 41.x92 Marine engineering, n. e. c.
- 41.x97 Student (either a fourth year or a graduate student who does not indicate a field of specialization)
- 41.x98 Naval architects or marine engineers  
Experienced in two or more of the above (italicized) fields
- 41.x99 Not classified above

ARCHITECTURE (42).

This designation includes Architecture and Landscape Architecture. It covers the design and construction, both interior and exterior, of structures such as buildings, stadia, bridges, and dams, as well as the planning and development of recreational areas, parkways, and landscaping.

Architecture and Civil Engineering often overlap. In Architecture, however, emphasis is placed upon plan and design, especially from the standpoint of aesthetics.

The third digit (indicated by "x" in the code numbers) provides for classification of jobs according to function, as follows:

- 0 General (two or more functions including administration)
- 1 Inspection (including indirect supervision of construction)
- 2 All semiprofessional functions (including drafting)

ARCHITECTURE (42)—Continued

The third digit, etc.—Continued

- 3 Direct supervision of construction or installation
- 4 Teaching (college level)
- 5 Writing and editing
- 6 Estimating, valuating or appraising
- 7 Planning (including building location)
- 8 Design (including aesthetic; and specification writing)
- 9 Function not specified above

(For students and for those with generalized experience, see 33.x97 and 33.x98.)

*Buildings and Other Structures* (see Industries Construction, 27.x30—27.x59)

- 42.x00 General
  - 42.x01 Light buildings (including residences, small commercial structures, farm buildings, and cantonments)
  - 42.x02 Commercial (including office buildings and department stores)
  - 42.x03 Institutions (including schools and hospitals)
  - 42.x04 Public buildings (including courthouses and post offices)
  - 42.x05 Public assembly (including churches and auditoriums)
  - 42.x06 Industrial (including factories and warehouses)
  - 42.x07 Hangars
  - 42.x08 Power plants
  - 42.x11 Filtration plants and water works
  - 42.x12 Incinerators, sewage, and garbage disposal plants
  - 42.x13 Bridges
  - 42.x14 Dams
  - 42.x15 Airports
  - 42.x16 Harbor facilities (including pier superstructures)
  - 42.x19 Not classified above
- Landscape—Planning and Development*
- 42.x20 General
  - 42.x21 National
  - 42.x22 Regional, state and county
  - 42.x23 City and project planning (including large housing)
  - 42.x24 Recreation areas
  - 42.x25 Parks and parkways (including playgrounds)
  - 42.x26 Cemeteries

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### ARCHITECTURE (42)—Continued

#### *Landscape—Planning and Development*—Cont.

42.x27 Private residence projects

42.x29 Not classified above

#### *Architecture, other*

42.x90 General

42.x91 Transportation facilities (including highways, railways, airports, and related facilities)

42.x92 Municipal (restricted to municipal architects performing duties in several broad fields and not as specialists)

42.x93 Interiors (including kitchens, auditoriums, and railroad car and ship interiors)

42.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)

42.x98 Personnel experienced in two or more of the above (*italicized*) fields.

42.x99 Not classified above

### INDUSTRIAL FUNCTIONS

0 Over-all and coordinating management

1 Production supervision

2 Purchasing

3 Sales

4 Warehousing, storage or transportation

5 Technology

6 Engineering

8 Cost Accounting

9 Not classified above

#### *Medical and Other Health Services*

44.x01 Hospitals

44.x02 Medical laboratories (analytical services)

44.x03 Dental laboratories (mechanical services)

44.x04 Animal hospitals

44.x05 Group-health associations

44.x06 Sanatoria

44.x09 Health and allied services, n. e. c.

#### *Professional Services, Not Elsewhere Classified*

44.x11 Engineering and architectural services

44.x12 Public accounting and auditing services

44.x13 Foreign affairs advisory services

44.x14 Public relations advisory services

44.x15 Statistical services. See 34.x

### INDUSTRIAL FUNCTIONS—Continued

#### *Professional Services, Not Elsewhere Classified*—Continued

44.x16 Market research bureaus

44.x17 Administrative consultant firms (including management engineering)

44.x19 Professional services, n. e. c.

#### *Educational Services* (44.x20—General)

44.x21 Private tutoring

44.x22 Governess services

44.x24 Correspondence schools

44.x25 Nonprofit research agencies (including the Brookings Institution)

44.x26 Libraries

44.x27 Museums

44.x28 Botanical and zoological gardens

44.x29 Schools and educational services, n. e. c. (including nursery schools, dramatic schools, and language schools)

#### *Nonprofit Membership Organizations* (44.x30—General)

44.x31 Business associations (including Chambers of Commerce)

44.x32 Professional organizations

44.x33 Labor organizations

44.x34 Civic, social, recreational, and fraternal associations

44.x35 Political organizations

44.x36 Religious organizations

44.x37 Charitable organizations

44.x39 Nonprofit membership organizations, n. e. c. (including animal humane societies, automobile owners' clubs, farm granges, and historical clubs)

### INDUSTRIAL AND SAFETY ENGINEERING (45)

This designation covers the technology of organizing and operating industrial establishments, including activities such as the analysis of the jobs, plant lay-out, and inspection, production methods and control, and the installation of safety devices.

The third digit (indicated by "x" in the code numbers) provides for classification according to the following functions:

0 General (two or more functions including administration)

1 Job analysis and evaluation

2 Production methods and control

3 Plant lay-out and inspection

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

INDUSTRIAL AND SAFETY ENGINEERING  
(45)—Continued

The third digit, etc.—Continued

- 4 Teaching (college level)
- 5 All semiprofessional functions (including technicians)
- 6 Time and motion study
- 7 Research
- 8 Editing and writing
- 9 Function not specified above

(For students and for those with generalized experience 45.x97 and 45.x98.)

*Construction*

- 45.x00 General
- 45.x01 Buildings
- 45.x02 Tunnels and caissons
- 45.x03 Roads
- 45.x04 Dams, levees, and bridges
- 45.x05 Not classified above

*Petroleum*

- 45.x06 General
- 45.x07 Oil field operations
- 45.x08 Manufacturing, refinery
- 45.x09 Not classified above

*Transportation*

- 45.x10 General
- 45.x11 Steam and electric railways
- 45.x12 Automotive fleets
- 45.x13 Not classified above

*Chemical*

- 45.x15 General
- 45.x16 Munitions
- 45.x17 Acids and solvents
- 45.x18 Gases
- 45.x19 Not classified above

*Paper and Pulp*

- 45.x20 General
- 45.x21 Pulp manufacture
- 45.x22 Paper and paper board manufacture
- 45.x23 Paper remanufacture
- 45.x24 Printing and bookbinding
- 45.x25 Not classified above

*Aeronautical*

- 45.x26 General
- 45.x27 Aeroplane manufacture
- 45.x28 Airport operations
- 45.x29 Not classified above

*Public Safety*

- 45.x30 General
- 45.x31 Traffic engineering
- 45.x32 Schools and playgrounds
- 45.x33 Not classified above

INDUSTRIAL AND SAFETY ENGINEERING  
(45)—Continued

*Metals and Metal Products*

- 45.x34 General
- 45.x35 Steel mills and foundries
- 45.x36 Stamped metal goods forgings
- 45.x37 Machinery manufacture
- 45.x38 Locomotive and railway car manufacture
- 45.x39 Not classified above

*Food and Tobacco Products*

- 45.x40 General
- 45.x42 Grain handling and milling
- 45.x43 Bakeries
- 45.x44 Packing house operations
- 45.x45 Canning, preserving, and confectionery
- 45.x46 Not classified above

*Wood*

- 45.x47 General
- 45.x48 Wood products
- 45.x49 Not classified above (including lumber mills and forest operations)

*Fabrics, Leather, and Rubber*

- 45.x50 General
- 45.x51 Textile mills
- 45.x52 Leather tanning
- 45.x53 Leather goods manufacture
- 45.x54 Boots and shoes manufacture
- 45.x55 Rubber tires manufacture
- 45.x56 Rubber products manufacture
- 45.x57 Composition goods manufacture
- 45.x59 Not classified above

*Public Utilities*

- 45.x60 General
- 45.x61 Gas, natural and manufactured
- 45.x62 Telephone and telegraph
- 45.x63 Water and ice
- 45.x64 Public works operations
- 45.x65 Power and Light
- 45.x69 Not classified above

*Mining*

- 45.x70 General
- 45.x71 Coal, open pit
- 45.x73 Metal, open pit
- 45.x74 Metal, shaft and underground
- 45.x75 Nonmetallic mining
- 45.x76 Not classified above

*Sand, Stone and Clay Products*

- 45.x77 General
- 45.x78 Ceramics, brick, and tile manufacture
- 45.x79 Glass and glass products
- 45.x80 Not classified above

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### INDUSTRIAL AND SAFETY ENGINEERING (45)—Continued

- Industrial and Safety Engineering (Other)*
- 45.x81 General
  - 45.x82 Coal and material yards
  - 45.x83 Industrial hygiene
  - 45.x84 Maritime operations
  - 45.x85 Mercantile establishments
  - 45.x86 Motion pictures
  - 45.x87 Pressure vessels, fired and unfired
  - 45.x88 Prime movers, engines, and turbines
  - 45.x89 Elevators and cranes
  - 45.x90 Fire protection and prevention
  - 45.x91 Sanitation
  - 45.x92 Agriculture
  - 45.x97 Student (either a fourth year or a graduate student who does not indicate a specialized field)
  - 45.x98 Personnel (experienced in two or more of the above (italicized) fields)
  - 45.x99 Not classified above

### TRANSIT AND TRAFFIC ENGINEERING (46)

This designation includes professional and semi-professional functions in traffic surveying, safety promotion, educational programs in safety, traffic engineering, driver training, highway facility studies and regulation (including control devices), and urban (public utility) transportation.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Design
- 2 Editing and writing
- 3 Consulting
- 4 Teaching (college level)
- 5 Research
- 6 Operation and maintenance
- 7 All semiprofessional functions (including technicians)
- 8 Construction
- 9 Function not specified above

(For students and for those with generalized experience see 46.x97 and 46.x98.)

#### *Traffic Surveys*

- 46.x00 General
- 46.x01 City traffic
- 46.x02 Rural highway traffic

### TRANSIT AND TRAFFIC ENGINEERING (46)—Continued

- Traffic Surveys—Continued*
- 46.x03 Highway planning
  - 46.x04 Vehicular planning
  - 46.x05 Parking and terminals
  - 46.x06 Accident analysis
  - 46.x09 Not classified above
- Highway Facilities*
- 46.x10 General
  - 46.x11 Grade separation
  - 46.x12 Channelization
  - 46.x13 Lighting
  - 46.x19 Not classified above
- Traffic Control Measures and Devices*
- 46.x20 General
  - 46.x21 Signals, signs, and markings
  - 46.x22 Vehicular and pedestrian regulations
  - 46.x23 Enforcement facilities
  - 46.x24 Accident investigations
  - 46.x29 Not classified above
- Safety Promotional Activities*
- 46.x30 General
  - 46.x31 Press publicity and advertising
  - 46.x32 Radio and public addresses
  - 46.x33 Contest
  - 46.x34 Literature and posters
  - 46.x35 Films
  - 46.x39 Not classified above
- Education*
- 46.x40 General
  - 46.x41 Technical traffic engineering
  - 46.x42 Adult and child safety
  - 46.x43 City traffic enforcement agencies
  - 46.x44 State traffic enforcement agencies
  - 46.x45 Driver training
  - 46.x49 Not classified above
- Urban Transportation*
- 46.x50 General
  - 46.x51 Operation of service
  - 46.x52 Schedule making
  - 46.x53 Passenger traffic analysis
  - 46.x54 Fare structure analysis
  - 46.x55 Franchise analysis
  - 46.x56 Valuation
  - 46.x57 Rolling stock, electric traction
  - 46.x58 Rolling stock, automotive
  - 46.x59 Not classified above
- Transit and Traffic Engineering (Other)*
- 46.x90 General
  - 46.x91 Transit Engineering (other)
  - 46.x92 Traffic Engineering (other)

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

TRANSIT AND TRAFFIC ENGINEERING

(46)—Continued

*Transit and Traffic Engineering (Other)*—Con.

- 46.x97 Student (either a fourth year or graduate student who does not specify a specialized field)
- 46.x98 Personnel (experienced in two or more of the above (italicized) fields)
- 46.x99 Not classified above

RADIO ENGINEERING (47)

This designation covers professional, semiprofessional, or highly skilled functions in transmitter and receiver design, antennae and transmission line engineering, design and use of radio instruments, handling of acoustical problems involved in audio frequency systems and sound recording, and other radio engineering work. (See Communication 37.x03)

The third digit (indicated by "x" in the code numbers) provides classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Amateur
- 2 Design and development
- 3 Installation and testing
- 4 Teaching (college level)
- 5 Maintenance and servicing
- 6 Consulting
- 7 Monitoring, operating
- 8 Research
- 9 Function not specified above

*Transmitter Engineering*

- 47.x00 General
- 47.x01 Frequency modulation
- 47.x02 Amplitude modulation, mobile transmitters, standard broadcast
- 47.x03 Amplitude modulation, mobile transmitters, shortwave
- 47.x04 Amplitude modulation, mobile transmitters, ultrahigh frequency
- 47.x05 Amplitude modulation, stationary transmitters, standard broadcast
- 47.x06 Amplitude modulation, stationary transmitters, shortwave
- 47.x07 Amplitude modulation, stationary transmitters, ultrahigh frequency
- 47.x08 Television transmitter
- 47.x09 Not classified above

RADIO ENGINEERING (47)—Continued

*Receiver Engineering*

- 47.x10 General
- 47.x11 Frequency modulation
- 47.x12 Amplitude modulation, mobile receivers, standard broadcast
- 47.x13 Amplitude modulation, mobile receivers, shortwave
- 47.x14 Amplitude modulation, mobile receivers, ultrahigh frequency
- 47.x15 Amplitude modulation, stationery receivers, standard broadcast
- 47.x16 Amplitude modulation, stationery receivers, shortwave
- 47.x17 Amplitude modulation, stationery receivers, ultrahigh frequency
- 47.x18 Television receivers
- 47.x19 Not classified above

*Antennae and Transmission Line Engineering*

- 47.x20 General
- 47.x21 Directional antennae
- 47.x22 Standard broadcast
- 47.x23 Shortwave
- 47.x24 Ultrahigh frequency
- 47.x25 Television
- 47.x26 Frequency modulation
- 47.x29 Not classified above

*Acoustical Engineers*

- 47.x30 General
- 47.x31 Audio frequency systems (including public address)
- 47.x32 Loud speakers
- 47.x33 Hearing aid
- 47.x34 Phonograph pick-up and sound recording
- 47.x39 Not classified above

*Measurements and Instruments*

- 47.x40 General
- 47.x41 Bridges
- 47.x42 Frequency
- 47.x43 Current, power, and voltage
- 47.x44 Field intensity
- 47.x49 Not classified above

*Components and Circuits*

- 47.x50 General
- 47.x51 Capacitors
- 47.x52 Resistors
- 47.x53 Transformers and inductors, power and audio frequency
- 47.x54 Transformers and inductors, radio frequency
- 47.x55 Piezoelectric crystals

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### RADIO ENGINEERING (47)—Continued

#### *Components and Circuits*—Continued

- 47.x57 Filters
- 47.x59 Not classified above

#### *Radio Fields (Other)*

- 47.x90 General
- 47.x91 Speech scramble
- 47.x92 Radio dispatching
- 47.x93 Radio operating
- 47.x94 Marine radio engineering
- 47.x95 Radar
- 47.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)
- 47.x98 Personnel experienced in two or more of the above (italicized) fields
- 47.x99 Not classified above

### CHEMICAL ENGINEERING (50)

Included in this designation are professional and semiprofessional occupations in the manufacture of industrial chemicals and chemical products such as acids, inorganic compounds, alcohols and esters, resins and plastics, enamels, absorbents and catalysts, insecticides, dyestuffs, and synthetics. Occupations in this category are concerned primarily with determination of production methods, design of production methods, design of production equipment and plants, and other tasks requiring a highly specialized knowledge of a particular chemical field.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Production
- 2 Research
- 3 Consulting
- 4 Teaching (college level)
- 7 Construction, installation, operation, and maintenance
- 8 Design
- 9 Function not specified above

*Chemical Engineering* (also see 17.x30 group; Functions "5—technology" and "6—engineering.")

- 50.x00 General
- 50.x01 Acids, inorganic
- 50.x02 Acids, organic
- 50.x03 Aluminum compounds

### CHEMICAL ENGINEERING (40)—Continued

#### *Chemical Engineering*—Continued

- 50.x04 Ammonium compounds
- 50.x05 Calcium compounds
- 50.x06 Lead compounds
- 50.x07 Phosphorus and compounds
- 50.x08 Potassium compounds
- 50.x09 Sodium compounds
- 50.x10 Zinc compounds
- 50.x11 Halogens (pure)
- 50.x12 Alcohols, esters, and ethers
- 50.x13 Solvents
- 50.x14 Resins
- 50.x15 Plastics
- 50.x16 Gums and waxes
- 50.x17 Gases
- 50.x18 Coal products
- 50.x19 Dyestuffs
- 50.x20 Pigments
- 50.x21 Coal tar synthetics
- 50.x22 Explosives
- 50.x23 Paints and enamels
- 50.x24 Oils
- 50.x25 Rubber
- 50.x26 Metals
- 50.x27 Absorbents and catalysts
- 50.x28 Insecticides and disinfectants
- 50.x29 Not classified above (excluding 50.x91–50.x94)

#### *Chemical Engineering (other)*

- 50.x90 General
- 50.x91 Heavy chemicals, n. e. c.
- 50.x92 Organic chemicals, n. e. c.
- 50.x93 Inorganic chemicals, n. e. c.
- 50.x94 Electro-chemical, n. e. c.
- 50.x97 Student (either a fourth year or a graduate student who does not indicate a specialized field)
- 50.x98 Personnel (experienced in two or more of the above (italicized) fields)
- 50.x99 Not classified above

### ELECTRICAL ENGINEERING

#### (Other than Radio) (51)

This designation covers professional, semiprofessional, and highly specialized electrical engineering work, including electrical materials such as insulators and conductors, electrical measurements, electrical apparatus; electricity and magnetism, electronics, electric power generation, power distribution and transmission, electric railway transportation, wire communication, illumination and general electrical applications.

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

ELECTRICAL ENGINEERING—Continued

(Other than Radio) (51)—Continued

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Operation
- 2 Editing and writing
- 3 Consulting
- 4 Research
- 5 Teaching (college level)
- 6 All semiprofessional functions (including technicians)
- 7 Construction and installation
- 8 Design
- 9 Other

(For students and for those with generalized experience see 51.x97 and 51.x98.)

(Also see 19.x90 through 19.x99, and 26.x00 through 26.x09 groups; functions "5—Technology," and "6—Engineering.")

*Materials and Electrical Measurements*

- 51.x00 General
- 51.x01 Conductors
- 51.x02 Insulating materials
- 51.x06 Instruments
- 51.x07 Measurements
- 51.x09 Not classified above

*Electrical Apparatus*

- 51.x10 General
- 51.x11 Batteries
- 51.x12 Generating equipment and motors, n. e. c. (including exciters, converters, and generators)
- 51.x13 Transformers
- 51.x14 Lamps
- 51.x15 Control equipment and switchboards
- 51.x16 Magnets, solenoids, and relays
- 51.x17 Rectifiers
- 51.x18 Furnaces
- 51.x19 Not classified above

*Electricity and Magnetism*

- 51.x20 General
- 51.x21 Magnetism and magnetic measurements
- 51.x22 Electrostatics
- 51.x23 Direct current phenomena
- 51.x24 Alternating current phenomena
- 51.x25 Electrical contacts
- 51.x26 Dielectrics
- 51.x29 Not classified above

ELECTRICAL ENGINEERING—Continued

(Other than Radio) (51)—Continued

*Electronics*

- 51.x30 General
- 51.x31 Conduction in gases
- 51.x32 Electron tubes and circuits
- 51.x33 Photoelectric and thermoelectric apparatus
- 51.x34 Electron optics
- 51.x35 X-rays
- 51.x39 Not classified above

*Electric Power Generation*

- 51.x40 General
- 51.x41 Central stations
- 51.x42 Isolated plants
- 51.x43 Small power units
- 51.x49 Not classified above

*Power Distribution Transmission*

- 51.x50 General
- 51.x51 Overhead transmission and distribution systems
- 51.x52 Underground transmission and distribution systems
- 51.x53 Substation
- 51.x54 Protection of circuits and equipment
- 51.x55 Wiring of buildings and ships
- 51.x56 Wires and cables
- 51.x59 Not classified above

*Electric Railway Transportation*

- 51.x60 General
- 51.x61 Contact systems
- 51.x62 Motors
- 51.x63 Control systems
- 51.x64 Locomotives, electric
- 51.x65 Locomotives, Diesel-electric
- 51.x66 Signals
- 51.x67 Electrolysis prevention
- 51.x69 Not classified above

*Wire Communication*

- 51.x70 General
- 51.x71 Cables
- 51.x72 Signal systems and alarm systems
- 51.x73 Telegraph
- 51.x74 Telephone
- 51.x75 Phototransmission by wire
- 51.x79 Not classified above

*Illumination*

- 51.x80 General
- 51.x81 Shades and reflectors
- 51.x82 Photometry
- 51.x83 Searchlight and other special applications

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### ELECTRICAL ENGINEERING—Continued

(Other than Radio) (51)—Continued

#### *Illumination*—Continued

51.x84 Traffic control

51.x85 Lighting

51.x89 Not classified above

#### *Electrical Engineering (Other)*

51.x90 General

51.x91 Aviation

51.x92 Business machines, tabulators, calculators

51.x93 Electrochemistry and electrometallurgy

51.x94 Automotive

51.x95 Industrial applications of electricity, n. e. c.

51.x96 Refrigeration

51.x97 Student (either a fourth year or a graduate student who does not indicate a specialized field)

51.x98 Personnel experienced in two or more of the above (italicized) fields

51.x99 Not classified above

### MECHANICAL ENGINEERING (52)

Including in this designation are professional and semiprofessional occupations in mechanical engineering work covering military engineering, steam engines and turbines, hydraulic and hydrostatic machines, internal combustion engines, lubrication, fuels, steel mill machinery and equipment, foundry products and equipment, furnaces and combustion equipment, pumps gas compression machinery, boilers and pressure vessels, machine tools, forging and presswork, railroad equipment, material handling equipment, mechanical power transmission, and other specialized mechanical engineering fields.

The third digit (indicated by "x" in the following code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Production and construction (including testing)
- 2 Editing and writing
- 3 Consulting
- 4 Teaching (college level)
- 5 Research
- 6 All semiprofessional functions (including technicians)
- 7 Design
- 8 Operations and maintenance
- 9 Function not specified above

### MECHANICAL ENGINEERING (52)—Continued

(For students and for those with generalized experience see 52.x97 and 52.x98.)

For functions covering over-all and coordinating management; production supervision; purchasing; sales; warehousing, storage, or transportation; technology; engineering; and cost accounting; for related fields, see Industrial functions for the "Manufacturing Industries" pages 43 and 44. The break-down contained therein is more detailed than that given below and should be used when it better fits the civilian occupation of the officer.

#### *Military Engineering*

52.x00 General

52.x01 Ammunition

50.x02 Small arms

52.x03 Artillery

52.x04 Fire-control instruments

52.x05 Not classified above

#### *Steam Engines and Turbines*

52.x06 General

52.x07 Turbines

52.x08 Engines

52.x09 Not classified above (including reduction gears and accessories)

#### *Hydraulic and Hydrostatic Machines*

52.x10 General

52.x11 Hydraulic and lock machinery

52.x12 Turbines and accessories

52.x13 Not classified above (including irrigation machinery).

#### *Internal Combustion Engines*

52.x14 General (including gasoline engines)

52.x15 Diesel

52.x16 Gas engines and turbines

52.x17 Not classified above (including parts and accessories)

#### *Engines, Miscellaneous Types*

52.x18 General

52.x19 Hydraulic and air engines

52.x20 Not classified above (including binary, mercury vapor, solar, and experimental types)

#### *Lubrication*

52.x21 General

52.x22 Lubricators

52.x23 Bearings

52.x24 Not classified above (including bearing metals)

#### *Fuels*

52.x25 General

52.x26 Petroleum products, alcohol, natural gas, acetylene

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**MECHANICAL ENGINEERING (52)—Continued**

*Fuels—Continued*

52.x27 Not classified above (including opal, lignite, wood, wastes, bagasse, and tar)

*Steel Mill Machinery and Equipment*

52.x28 General

52.x29 Bessemer converters or blast furnaces

52.x30 Open hearths

52.x31 Crucible

52.x32 Electric furnaces

52.x33 Rolling mills

52.x34 Mill equipment and machinery

52.x35 Not classified above (including centrifugal casting furnace)

*Foundries, Products, and Equipment*

52.x36 General

52.x37 Iron casting

52.x38 Steel casting

52.x39 Not classified above (including non-ferrous metal casting)

*Furnaces and Combustion Equipment*

52.x40 General

52.x41 Industrial furnaces, refractories, baffles, walls, and arches

52.x42 Stokers, burners, pulverizers

52.x43 Draft equipment, stacks, ducts, and chimneys

52.x44 Ash and slag removal equipment

52.x45 Dust collectors, precipitators, smoke abatement equipment

52.x46 Reciprocating

52.x47 Centrifugal and rotary

52.x48 Vacuum

52.x49 Not classified above

*Compression Machinery*

52.x50 General

52.x51 Coolers and separators

52.x52 Transmission equipment

52.x53 Air machinery and tools (including compressors)

52.x54 Not classified above

*Boilers and Pressure Vessels*

52.x55 General

52.x56 Locomotives

52.x57 Marine

52.x58 Electric

52.x59 Not classified above

*Graphic Arts*

52.x60 General

52.x61 Photoengraving, lithography, electro-typing, printing, and composing machinery

52.x62 Bindery machines

52.x63 Not classified above

**MECHANICAL ENGINEERING (52)—Continued**

*Wood Industries*

52.x64 Lumbering and sawmill machinery

52.x65 Woodworking and plywood machinery

*Machinery*

52.x66 General

52.x67 Mining and extraction (including excavation and quarrying)

52.x68 Petroleum production, refining, and machinery

52.x69 Paper products and machinery

52.x70 Not classified above (including agriculture machinery equipment, small tools, gages, jigs, and fixtures)

*Machine Tools*

52.x71 Machine and automatic tools

52.x72 Special purpose production machinery

*Forging and Presswork, Stamping and Extrusion*

52.x73 General

52.x74 Machinery and equipment

52.x75 Dies

52.x76 Not classified above (including rolled steel shapes)

*Forged Steel Products*

52.x77 General

52.x78 Nonferrous rolled or extruded products

52.x79 Wire products

52.x80 Pipes and tubes

52.x81 Not classified above (including sheet metal products, valves and fittings, and other products)

*Railroad Mechanical Engineering Equipment*

52.x82 General

52.x83 Locomotives

52.x84 Not classified above (including cars and appurtenances)

*Material Handling Equipment*

52.x85 Elevators, hoists, cranes, and derricks

52.x86 Not classified above (conveying systems, trucks and material handling equipment)

*Power Transmission*

52.x87 Gears and gearing

52.x88 Not classified above (including belts, chains, pulleys, sprockets)

*Welding*

52.x89 Machinery and equipment

52.x90 Not classified above (including materials manufacture)

*Machinery for Nonmetallic Industries*

52.x91 Textiles

52.x92 Not classified above (cement)

*Industrial Specialties*

52.x93 Business machine

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### MECHANICAL ENGINEERING (52)—Continued

#### *Industrial Specialties*—Continued

- 52.x94 Scientific instruments and controls
- 52.x95 Not classified above (including industrial machinery)

#### *Mechanical Engineering (other)*

- 52.x96 General
- 52.x97 Student (either a fourth year, or a graduate student who does not indicate a field of specialization)
- 52.x98 Personnel experienced in two or more of the above (italicized) fields
- 52.x99 Not classified above

### MOTION PICTURES (53)

This designation embraces professional, semi-professional, and highly skilled functions in the production of motion pictures, including directing, photographing, developing and printing, and distributing. It does not include motion picture performers, entertainers, or writers.

The third digit (indicated by "x" in the code numbers) provides for further classification in accordance with the following functions:

- 0 General (two or more functions including administration)
- 1 Directing (also see 99.x05-07)
- 2 Producing
- 4 Instructing
- 5 Distributing
- 6 All semi-professional functions (including technicians)
- 7 Research
- 9 Function not specified above

(For those with generalized experience see 53.x98.)

(For motion picture exhibiting see 37.x87.)

#### *Motion Pictures (Types)*

- 53.x00 General
- 53.x01 Story film
- 53.x02 Newsreel
- 53.x03 Factual subjects
- 53.x04 Animated films
- 53.x05 Shorts
- 53.x06 Educational and industrial
- 53.x09 Not classified above

#### *Sound*

- 53.x30 General
- 53.x31 Mixing
- 53.x32 Recording and re-recording
- 53.x39 Not classified above

### MOTION PICTURES (53)—Continued

#### *Laboratory*

- 53.x40 General
- 53.x42 Control (engineer)
- 53.x43 Equipment (engineer)
- 53.x44 Photomicrographic apparatus
- 53.x49 Not classified above

#### *Motion Picture (Other)*

- 53.x90 General
- 53.x98 Personnel experienced in two or more of the above (italicized) fields
- 53.x99 Not classified above

### AUTOMOTIVE ENGINEERING (54)

This field includes all aspects of automotive vehicle design and engineering of construction; classifications are generally made according to the parts of the vehicle with which the worker has had most experience, such as engines, power transmission systems, chassis, bodies, tires, fuels, lubricants (the technology of fuels and lubricants in use in automotive vehicles, as opposed to petroleum production and refining); a classification is also provided for fleet operation and maintenance.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Production and inspection
- 2 Editing and writing
- 3 Consulting
- 4 Teaching (college level)
- 6 All semiprofessional functions (including technicians)
- 7 Design
- 8 Research and development
- 9 Function not specified above

(For students and for those with generalized experience, see 54.x97 and 54.x98.)

#### *Power plants*

- 54.x01 General
- 54.x02 Ignition
- 54.x03 Carburetion and manifolding
- 54.x04 Lubrication
- 54.x05 Electrical equipment
- 54.x06 Dynamic forces, vibration and balancing
- 54.x07 Diesel power plants, general
- 54.x08 Fuel injection
- 54.x09 Not classified above

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**AERONAUTICAL ENGINEERING (56)—Con.**

*Power Transmission Systems*

- 54.x10 General
- 54.x11 Transmission, hydraulic
- 54.x12 Transmission, mechanical
- 54.x13 Transmission, electrical
- 54.x14 Clutches
- 54.x19 Not classified above

*Chassis*

- 54.x20 General
- 54.x21 Frames and stress analysis
- 54.x22 Suspension
- 54.x23 Steering
- 54.x24 Braking, mechanical
- 54.x25 Braking, hydraulic
- 54.x26 Braking, pneumatic
- 54.x27 Axles, wheels and rims
- 54.x28 Lubrication
- 54.x29 Not classified above

*Bodies*

- 54.x30 General
- 54.x31 Heating, ventilation
- 54.x32 Sound and heat insulation
- 54.x33 Stress analysis
- 54.x34 Refrigerating and air conditioning
- 54.x35 Accessories (including electrical equipment, wiring, hardware, fittings, instruments)
- 54.x39 Not classified above

*Tires*

- 54.x40 General
- 54.x42 Pneumatic and semipneumatic
- 54.x43 Solid
- 54.x44 Tubes and valves
- 54.x45 Antiskid devices, chains
- 54.x49 Not classified above

*Tractors, Agricultural and Industrial*

- 54.x80 General
- 54.x81 Steering
- 54.x82 Braking
- 54.x83 Lubrication
- 54.x84 Traction parts (including tracks, track frames, and wheels)
- 54.x89 Not classified above

*Automotive Engineering (Other)*

- 54.x90 General
- 54.x91 Fuels, n. e. c.
- 54.x92 Lubricants, n. e. c.
- 54.x93 Protective coating
- 54.x94 Special process (including painting)
- 54.x95 Batteries, n. e. c.

**AERONAUTICAL ENGINEERING (56)—Con.**

*Automotive Engineering (Other)—Continued*

- 54.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)
- 54.x98 Personnel (experienced in two or more of the above (italicized) fields)
- 54.x99 Not classified above.

**AERONAUTICAL ENGINEERING (56)**

This designation covers the several aspects of aeronautical engineering including aerodynamics, hydrodynamics, engine and propeller design and installation, and mechanical, electrical, airport and airway engineering as applied to aircraft manufacture.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 2 Editing and writing
- 3 Consulting
- 4 Teaching (college level)
- 5 Production
- 6 All semiprofessional functions (including technicians)
- 7 Inspection
- 8 Research and development
- 9 Function not specified above

(For students and for those with generalized experience, see 56.x97 and 56.x98.)

*Aerodynamics*

- 56.x00 General
- 56.x01 Experimental wind tunnel investigation
- 66.x02 Wind tunnel design
- 56.x03 Flight loads determination
- 56.x04 Theoretical aerodynamics
- 56.x09 Not classified above

*Hydrodynamics and Performance Testing*

- 56.x10 General
- 56.x11 Tow basin model testing
- 56.x15 Flight testing
- 56.x16 Flight analysis and performance prediction
- 56.x19 Not classified above

*Design*

- 56.x20 General

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### AERONAUTICAL ENGINEERING (56)—Con.

#### *Design—Continued*

- 56.x21 Fuselage and hull
- 56.x22 Equipment installation
- 56.x23 Control systems
- 56.x24 Detail design
- 56.x25 Wing design
- 56.x29 Not classified above

#### *Power Plant Installation*

- 56.x30 General
- 56.x31 Propeller
- 56.x32 Exhaust system
- 56.x33 Power plant accessories
- 56.x34 Engine
- 56.x39 Not classified above

#### *Engine Design*

- 56.x40 General
- 56.x41 Liquid-cooled
- 56.x42 Diesel
- 56.x43 Air-cooled
- 56.x44 Engine testing
- 56.x45 Production, routine
- 56.x46 Experimental and development
- 56.x49 Not classified above

#### *Propeller Design and testing*

- 56.x50 General
- 56.x51 Wood
- 56.x52 Metal blades
- 56.x53 Hubs, adjustable
- 56.x54 Hubs, controllable and feathering
- 56.x55 Propeller testing
- 56.x56 Aerodynamic and structural analysis
- 56.x59 Not classified above

#### *Vibration and Flutter*

- 56.x60 General
- 56.x61 Propeller
- 56.x62 Airplane flutter and vibration testing and analysis
- 56.x63 Engine
- 56.x69 Not classified above

#### *Instruments*

- 56.x70 General
- 56.x71 Navigation instruments
- 56.x72 Aeronautical research and test
- 56.x73 Flight instruments
- 56.x79 Not classified above

#### *Equipment*

- 56.x80 General
- 56.x81 Float gear
- 56.x82 Automatic control
- 56.x83 Lighting
- 56.x84 Parachutes

### AERONAUTICAL ENGINEERING (56)—Con.

#### *Equipment—Continued*

- 56.x85 Landing gear
- 56.x89 Not classified above

#### *Aeronautical Engineering (Other)*

- 56.x90 General
- 56.x91 Autogyros and revolving wing plane
- 56.x92 Armament installations
- 56.x93 Specifications and weight control
- 56.x94 Lighter than aircraft
- 56.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)
- 56.x98 Personnel (experienced in two or more of the above (italicized) fields)
- 56.x99 Not classified above

## MANAGEMENT AND ADMINISTRATIVE TECHNIQUES (57)

This designation covers special nonmanufacturing management and administrative techniques or specialties common to many industrial, commercial, and governmental organizations.

The third digit (indicated by "x" in the code numbers) provides for classification of jobs according to function, as follows:

- 0 General (two or more functions including administration)
- 1 Editing and writing
- 2 Consulting
- 4 Teaching (including business and commercial schools)
- 5 Development of systems and procedures
- 8 Research
- 9 Function not specified above

(For students and for those with generalized experience, see 57.x97 and 57.x98.)

#### *Administrative Analysis Techniques (administrative management engineering)*

- 57.x00 General
- 57.x01 Management, organization, and procedure analysis (including the elimination of duplication of effort and of over-complex work flow; the crystallization of functions; the preparation or analysis of procedures; the delineation of authority; and the preparation of functional or hierarchical organization charts)
- 57.x02 Procedure analysis and writing—files

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**MANAGEMENT AND ADMINISTRATIVE  
TECHNIQUES (57)—Continued**

- Administrative Analysis Techniques*—Continued
- 57.x03 Forms lay-out and design
  - 57.x04 Nonmanufacturing time and motion study (includes time and motion study of check writing, package wrapping, and similar clerical operations)
  - 57.x05 Special report writing (for management)
  - 57.x09 Not classified above

*Office Management*

- 57.x10 General
- 57.x11 Space control
- 57.x12 Records administration
- 57.x13 Auxiliary services (including stenographic, messenger, mail, facilities, and duplicating)
- 57.x14 Correspondence
- 57.x15 Credit and collection management
- 57.x19 Not classified above

*Personnel and Training*

- 57.x20 General
- 57.x21 Employee relations and welfare (including labor relations, group activities, and medical or first aid)
- 57.x22 Recruitment
- 57.x23 Placement, employment and separation
- 57.x24 Occupational and job analysis
- 57.x25 Position classification
- 57.x26 Records
- 57.x28 Investigation (character)
- 57.x30 Training, general
- 57.x31 Training of clerks
- 57.x32 Training of salesmen, receptionists, and other commercial employees
- 57.x33 Training of semiskilled and skilled artisans
- 57.x34 Training of foremen and executives
- 51.x35 Training of public utilities employees
- 57.x39 Not classified above

*Business Machine Techniques* (this designation covers the development of business machine systems and procedures.)

- 57.x40 General
- 57.x41 Bookkeeping (other than punched card)
- 57.x42 Adding and calculating
- 57.x43 Statistics and accounting by punched cards (including sorting, verifying, and collating)

**MANAGEMENT AND ADMINISTRATIVE  
TECHNIQUES (57)—Continued**

*Business Machine Techniques*—Continued

- 57.x44 Classification by punched cards (including occupational, census, and inventory)
- 57.x45 Conveying (including pneumatic)
- 57.x46 Cash registers
- 57.x47 Duplicating (including photo)
- 57.x48 Mail preparing and handling
- 57.x49 Not classified above

*Administrative and Management Techniques (Other)*

- 57.x90 General
- 57.x91 Budget analysis and examining
- 57.x92 Program and conference planning
- 57.x93 Information service (including public relations, n. e. c.)
- 57.x94 Purchasing and procurement (including only the administration; planning and procedures of supply procurement programs)  
Individuals specializing in the purchase of certain commodities or procurement for specific types of organization should be classified in their proper industrial fields with the function of purchasing (see page 43) (For governmental procurement procedures see Governmental Organization and Services 11.x00, page 38)
- 57.x95 Legislative analysis or writing
- 57.x96 Administrative or executive assistant
- 57.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)
- 57.x98 Individual experience in two or more of the above (italicized) fields
- 57.x99 Not classified above

**HEATING, VENTILATING, REFRIGERATING  
AND AIR CONDITIONING ENGINEERING  
(58)**

These designations cover the design and development of systems, and mechanical machinery and equipment for heating, ventilating, refrigerating and air-conditioning, including domestic, industrial, stationary and mobile installations.

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### HEATING, VENTILATING, ETC.—Continued

The third digit (indicated by "x" in the code numbers) provides for further classification according to following functions:

- 0 General (two or more functions including administration)
- 1 Design
- 2 Editing and writing
- 3 Consulting
- 4 Teaching (college level)
- 5 Installation, erection, and operation
- 6 All semiprofessional functions (including technicians)
- 7 Specifications
- 8 Research and development
- 9 Other

(For students and for those with generalized experience see 58.x97 and 58.x98.)

#### *Heating*

- 58.x00 General
- 58.x01 Gas, domestic
- 58.x02 Oil, domestic
- 58.x03 Coal, domestic
- 58.x04 Industrial, general
- 58.x05 Gas, industrial
- 58.x06 Oil, industrial
- 58.x07 Coal, industrial
- 58.x08 Power Plants, industrial
- 58.x09 Not classified above

#### *Ventilation*

- 58.x10 General
- 58.x11 Fumes
- 58.x12 Bacteria
- 58.x13 Gases
- 58.x14 Dust
- 58.x15 Industrial exhaust
- 58.x19 Not classified above

#### *Air Conditioning*

- 58.x20 General
- 58.x21 Railroad
- 58.x22 Ship
- 58.x23 Airplane
- 58.x24 Bus
- 58.x25 Industrial, general
- 58.x26 Comfort, domestic
- 58.x27 Drying systems
- 58.x28 Vapor recovery
- 58.x29 Not classified above

#### *Refrigerating Machinery*

- 58.x30 General

### HEATING, VENTILATING, ETC.—Continued

#### *Refrigerating Machinery*—Continued

- 58.x31 Condensing units
- 58.x32 Controls
- 58.x33 Evaporators
- 58.x34 Self-contained fixtures (including ice cream cabinets, water coolers, soda fountains, and freezing cabinets)
- 58.x35 Compressors
- 58.x36 Brine coolers
- 58.x37 Absorption systems
- 58.x38 Lubrication
- 58.x39 Not classified above

#### *Refrigeration*

- 58.x40 General
- 58.x41 Freight cars
- 58.x42 Refrigerated truck bodies
- 58.x43 Refrigerated ships
- 58.x44 Cold storage
- 58.x46 Dry ice manufacture and service
- 58.x47 Ice manufacture and service
- 58.x49 Not classified above

#### *Plumbing*

- 58.x50 General
- 58.x51 Water supply and drainage
- 58.x52 Vacuum cleaning
- 58.x53 Sprinkler systems
- 58.x54 Compressed air
- 58.x55 Cafeteria and restaurant lay-outs
- 58.x59 Not classified above

#### *Heating, Ventilating, Refrigerating, and Air Conditioning Engineering, n. e. c.*

- 58.x90 General
- 58.x91 Insulation
- 58.x92 Air purification
- 58.x93 Elevators, passenger and conveyor
- 58.x94 Flow of fluids
- 58.x95 Corrosion
- 58.x96 Instruments
- 58.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)
- 58.x98 Personnel (experienced in two or more of the above (italicized) fields)
- 58.x99 Not classified above

## MINING ENGINEERING AND METALLURGY

(Including Petroleum and Natural gas) (59)

This designation covers professional and semi-professional occupations in Mining Engineering and

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

**MINING ENGINEERING AND METALURGY—Continued**

(Including Petroleum and Natural gas)  
(59)—Continued

Metallurgy, (See 26.x70–27.x29, and function "6" under Industries, page 59)

The third digit (indicated by "x" in the code numbers), provides for classification of jobs according to function, as follows:

- 0 General (two or more functions including administration)
- 1 Open-pit mining and quarrying
- 2 Shaft mining
- 3 Alluvial mining
- 4 Wells (including natural gas and petroleum)
- 6 Teaching (college level)
- 7 Research, testing, and development (including metallurgy)
- 9 Function not specified above

(For students, see 59.x97.)

*Fields of Specialization*

- 59.x00 General
- 59.x01 Bituminous coal
- 59.x02 Anthracite
- 59.x04 Iron ore
- 59.x06 Copper
- 59.x07 Lead and antimony
- 59.x08 Zinc and cadmium
- 59.x09 Aluminum
- 59.x10 Magnesium
- 59.x11 Tin
- 59.x12 Nickel and cobalt
- 59.x13 Gold, silver, and platinum
- 59.x14 Mercury
- 59.x15 Tungsten and tantalum
- 59.x16 Molybdenum, chromium, and vanadium
- 59.x17 Radium
- 59.x18 Manganese
- 59.x19 Not classified above

*Mining and Metallurgy (Other) (Including petroleum and natural gas)*

- 59.x90 General
- 59.x91 Mining, n. e. c.
- 59.x92 Metallurgy, n. e. c.
- 59.x93 Petroleum (See 27.x00–27.x09, page 60) and (17.x90–17.x99)
- 59.x94 Natural gas (see 27.x00–27.x90, page 61)

**MINING ENGINEERING AND METALURGY—Continued**

(Including Petroleum and Natural gas)  
(59)—Continued

*Mining and Metallurgy—Continued*

- 59.x97 Student (either a fourth year or a graduate student who does not indicate a field of specialization)
- 59.x99 Not classified above

**ECONOMICS (60)**

The third digit (indicated by "x" in the code numbers) provides for classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Statistical analysis
- 2 Editing and writing
- 3 Consulting
- 4 Teaching (college level)
- 8 Research
- 9 Function not specified above

(For students and for those with generalized experience, see 60.x98 and 60.x99)

*Economic Theory, General*

- 60.x00 General
- 60.x01 Economic theory and history of economic thought
- 60.x02 Institutional economics
- 60.x03 Business cycles and business fluctuations
- 60.x04 Monetary theory
- 60.x05 Money and banking
- 60.x06 Monopoly and competition studies (including cartels, combines and trusts)
- 60.x09 Not classified above

*Comparative Economic Systems*

- 60.x10 General
- 60.x11 Private capitalism
- 60.x12 Fascism and National Socialism
- 60.x13 Socialism
- 60.x14 Communism
- 60.x15 Barter (not international)
- 60.x19 Not classified above

*International Economic Relations and World Area Studies*

- 60.x20 General
- 60.x21 Foreign exchange (including balance of payments, capital movements, and money markets)

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### ECONOMICS (60)—Continued

- International Economic Relations and World Area Studies*—Continued
- 60.x22 Commercial policies (including tariff, subsidies, exchange control, quotas, and reciprocity)
  - 60.x23 International currency and banking plans
  - 60.x24 Theory of international trade
  - 60.x25 Foreign investments (private)
  - 60.x27 Western Europe (including France and England)
  - 60.x28 Central Europe (including Germany and Italy)
  - 60.x31 Balkan countries
  - 60.x32 Near East
  - 60.x33 Far East (including India, Japan, and China)
  - 60.x34 Africa
  - 60.x35 South and Central America
  - 60.x36 British Commonwealth of Nations (as an economic unit)
  - 60.x37 Eastern Europe (including Russia and Baltic countries)
  - 60.x38 North America (including Mexico)
  - 60.x39 Not classified above

*Public Finance*

- 60.x40 General
- 60.x41 State and local taxation (excluding income tax)
- 60.x42 Federal taxation (excluding income tax)
- 60.x43 Income taxation (including inheritance and gift taxes)
- 60.x44 Governmental income (excluding taxation)
- 60.x45 Governmental expenditures
- 60.x46 Effects and incidence of taxes (including effect as regulatory measure)
- 60.x49 Not classified above

*Governmental Regulation of Business*

- 60.x50 General
- 60.x51 Regulation of communications
- 60.x52 Antitrust activities
- 60.x53 Prices
- 60.x54 Regulation of security distribution
- 60.x55 Priorities and other material control plans
- 60.x56 Regulation of transportation (including ICC and ODT)
- 60.x57 Regulation and public ownership of public utilities
- 60.x59 Not classified above

### ECONOMICS (60)—Continued

*Industrial and Financial Studies*

- 60.x60 General
- 60.x61 Industrial location studies
- 60.x62 Regional specialization studies
- 60.x63 Industrial organization and scientific management
- 60.x64 Income and wealth analysis
- 60.x65 Corporation finance
- 60.x66 Investments (other than foreign)
- 60.x67 Agricultural finance
- 60.x69 Not classified above

*Marketing and Consumer Problems*

- 60.x70 General
- 60.x71 Marketing methods, media and standards
- 60.x72 Price policy and related price studies
- 60.x73 Installment selling
- 60.x74 Marketing of agricultural products
- 60.x75 Cost-of-living studies
- 60.x76 Consumer organization
- 60.x79 Not classified above

*Labor Problems and Social Insurance*

- 60.x80 General
- 60.x81 Labor supply (including employment and unemployment studies)
- 60.x82 Wages and hours
- 60.x83 Labor disputes and labor organization
- 60.x85 Unemployment compensation (including direct relief)
- 60.x86 Workmen's compensation
- 60.x87 Old age and related insurance
- 60.x88 Health insurance
- 60.x89 Not classified above

*Economic Studies and Problems (Other)*

- 60.x90 General
- 60.x91 Agricultural land economics
- 60.x92 Agricultural commodity studies
- 60.x93 Agricultural economic theory
- 60.x94 Foreign agriculture
- 60.x95 Natural resources economics (including minerals, wildlife, forests, and water power)
- 60.x97 Student (either a fourth year or a graduate student who does not indicate a field of specialization)
- 60.x98 Personnel experienced in two or more of the above (italicized) fields
- 60.x99 Not classified above

### FOREIGN LANGUAGES (61)

This designation includes professional or semi-professional occupations which are concerned with

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**FOREIGN LANGUAGES (61)—Continued**

reading, translating, and speaking foreign languages.

The third digit (indicated by "x" in the following code numbers) provides for classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Translation into English
- 2 Translation of English into foreign language
- 3 Editing and writing
- 4 Teaching (college level)
- 5 Interpreting
- 6 Decoding and deciphering
- 7 Research
- 9 Function not specified above

*Romance Languages*

- 61.x00 General
- 61.x01 Catalan
- 61.x02 French
- 61.x03 Italian
- 61.x04 Judeo-Spanish
- 61.x05 Portuguese
- 61.x06 Rumanian
- 61.x07 Sardinian
- 61.x08 Spanish
- 61.x09 Not classified above

*Germanic Languages*

- 61.x10 General
- 61.x11 Afrikaans
- 61.x12 Danish
- 61.x13 Dutch (Netherlandish)
- 61.x14 Flemish
- 61.x15 German
- 61.x16 Icelandic
- 61.x17 Norwegian
- 61.x18 Swedish
- 61.x19 Not classified above

*Celtic Languages*

- 61.x20 General
- 61.x21 Irish (Gaelic)
- 61.x22 Welsh
- 61.x29 Not classified above

*Far Eastern and Oceanic Languages*

- 61.x30 General
- 61.x31 Burmese
- 61.x32 Chinese
- 61.x33 Japanese
- 61.x34 Korean
- 61.x35 Malayan
- 61.x36 Polynesian

**FOREIGN LANGUAGES (61)—Continued**

*Far Eastern and Oceanic Languages—Continued*

- 61.x37 Siamese
- 61.x38 Philippine
- 61.x39 Not classified above

*Languages of India and Persia*

- 61.x40 General
- 61.x41 Bangali
- 61.x42 Hindustani
- 61.x43 Kanarese
- 61.x44 Panjabi
- 61.x45 Persian
- 61.x46 Sindhi
- 61.x47 Singhalese
- 61.x48 Telegu
- 61.x49 Not classified above

*Slavic and Baltic Languages*

- 61.x50 General
- 61.x51 Bulgarian
- 61.x52 Czech
- 61.x53 Estonian
- 61.x54 Finnish
- 61.x55 Lithuanian
- 61.x56 Polish
- 61.x57 Russian
- 61.x58 Serbian
- 61.x59 Not classified above

*Arabic-Syrian Languages*

- 61.x60 General
- 61.x61 Amharic
- 61.x62 Arabic
- 61.x63 Aramaic
- 61.x64 Egyptian
- 61.x65 Maltese
- 61.x66 Moroccan Arabic
- 61.x67 Syrian Arabic
- 61.x68 Syro-Palestinian Arabic
- 61.x69 Not classified above

*Turkic*

- 61.x70 General
- 61.x71 Anatolian Turkish
- 61.x72 Istanbul Turkish
- 61.x73 Kurdish
- 61.x74 Turki
- 61.x79 Not classified above

*Foreign Languages (Other)*

- 61.x80 General
- 61.x81 Armenian
- 61.x82 American Indian
- 61.x83 Basque
- 61.x84 Georgian, and related languages
- 61.x85 Greek (Ancient)
- 61.x86 Greek (Modern)

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### FOREIGN LANGUAGES (61)—Continued

#### Foreign Languages (Other)—Continued

- 61.x87 Hebrew
- 61.x88 Hungarian (Magyar)
- 61.x91 Latin
- 61.x92 Non-Arabic African Languages
- 61.x93 Yiddish
- 61.x98 Experienced in two or more of the above (italicized) fields.
- 61.x99 Not classified above

### PHILOSOPHY (62)

This designation includes the fields of metaphysics and epistemology, logic, ethics and value theory, aesthetics, social and political philosophy, philosophy of history, science and law.

The third digit (indicated by "x" in the code numbers) provides for further classification in accordance with the following functions:

- 0 Editing and writing (technical only)
- 1 Writing for nonprofessional readers
- 4 Teaching (college level)
- 6 Administration
- 7 Conducting forums
- 8 Decoding and deciphering
- 9 Not classified above

The fourth digit (indicated by "y" in the code numbers) is used to designate familiarity with the people and contemporary philosophical, social, and other literature of the following regions:

- 0 France
- 1 Germany
- 2 Great Britain
- 3 Italy
- 4 Latin America
- 5 Orient
- 6 Russia
- 7 United States (only)
- 9 Not classified above

(For students and for those with generalized experience use code 62.999.)

#### Philosophy

- 62.xy0 Metaphysics and epistemology
- 62.xy1 Logic, scientific method
- 62.xy2 Ethics and value theory
- 62.xy3 Aesthetics
- 62.xy4 Social and political philosophy
- 62.xy5 Philosophy of history
- 62.xy6 Philosophy of religion
- 62.xy7 Philosophy of science

### PHILOSOPHY (62)—Continued

#### Philosophy—Continued

- 62.xy8 Philosophy of law
- 62.xy9 Not classified above

(Code students either a fourth year or a graduate student who does not indicate a specialized field and those experienced in two or more of the above (italicized) fields.)

### ACCOUNTING (63)

This designation covers professional, semi-professional, and highly technical functions in cost accounting, auditing, analysis and presentation, budgetary control, control accounting, installation of accounting and record systems, preparation of tax returns, and other specialized accounting fields.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Government service
- 2 Editors or writers
- 3 Public accountant
- 4 Teaching (college level)
- 5 Administration or management
- 7 Research
- 9 Not classified above

(For students and for those with generalized experience see 63.x97 and 63.x98.) (For cost accounting in a specific industry, see function "8"—Cost Accounting under Industries, page 44)

#### Analysis and Presentation

- 63.x00 General
- 63.x01 Classification of accounts
- 63.x02 Consolidated statements
- 63.x03 Preparation and analysis of financial statements
- 63.x04 Preparation and analysis of internal and cost reports
- 63.x05 Productive capacity studies
- 63.x06 Statement analysis, ration and variances
- 63.x07 Special investigations and others
- 63.x08 Over-all experience
- 63.x09 Not classified above

#### Budgetary Control

- 63.x10 General
- 63.x11 Cash budgets
- 63.x12 Expense budgets

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### ACCOUNTING (63)—Continued

#### *Budgetary Control*—Continued

- 63.x13 Flexible budgets
- 63.x14 Plant and equipment budgets
- 63.x15 Production budgets
- 63.x16 Sales forecasts and budgets
- 63.x19 Not classified above

#### *Control Aspects*

- 63.x20 General
- 63.x21 Control of investment in fixed assets
- 63.x22 Controllership
- 63.x23 Expense control
- 63.x24 Internal auditing
- 63.x25 Inventory and merchandise control
- 63.x29 Not classified above

#### *Cost Accounting, other than Manufacturing*

- 63.x40 General
- 63.x41 Bank cost accounting
- 63.x42 Cost accounting for construction projects
- 63.x43 Cost accounting for retailers and wholesalers
- 63.x44 Institutional cost accounting
- 63.x45 Manufacturer's distribution cost
- 63.x46 Manufacturer's distribution cost control
- 63.x47 Municipal and governmental cost accounting
- 63.x49 Not classified above

#### *Records and Accounts*

- 63.x50 General
- 63.x51 Accounts payable
- 63.x52 Accounts receivable
- 63.x53 Branch records
- 63.x54 Cash receipts and disbursements
- 63.x55 Expense records
- 63.x56 General ledger
- 63.x57 Property accounts
- 63.x58 Sales accounting
- 63.x59 Not classified above

#### *System Installation* (also see "57—Management and Administrative Techniques")

- 63.x60 General
- 63.x61 Application of mechanical methods bookkeeping machines
- 63.x62 Application of mechanical methods
- 63.x63 Cost accounting system
- 63.x64 Design of forms
- 63.x65 General accounting system
- 63.x66 Office methods study
- 63.x69 Not classified above

### ACCOUNTING (63)—Continued

#### *Taxes*

- 63.x70 General
- 63.x71 Customs duties
- 63.x72 Excise and sales taxes
- 63.x73 Foreign taxes
- 63.x74 Franchise, capital, and privilege taxes
- 63.x75 Income taxes
- 63.x76 Inheritance taxes
- 63.x77 Pay roll taxes
- 63.x78 Property taxes
- 63.x79 Not classified above

#### *Accounting (Other)*

- 63.x90 General
- 63.x97 Student (either a final year or a graduate student who does not indicate a specialized field)
- 63.x98 Personnel (experienced in two or more of the above (italicized) fields)
- 63.x99 Not classified above

### TRANSPORTATION (65)

This designation covers professional, semiprofessional, and highly skilled occupations in all popular forms of transportation such as air, highway, railway, and water transportation; and all functions of each form including management, operation, equipment, maintenance, and maintenance of way.

The third digit (indicated by "x" in the code numbers) provides for further classification in accordance with the following functions:

- 0 General (including overhaul and coordinating management)
- 1 Operating (including air pilot, shipmaster, shipmate and locomotive engineer)
- 2 Supervision of operations (including traffic)
- 3 Cost accounting
- 4 Supervision of maintenance and inspection
- 5 Teaching
- 6 Purchasing
- 7 Supervision of sales and promotional activities
- 8 Research, technology
- 9 Function not specified above

(For those with generalized experience see 65.x98) (Also see function "4—Warehousing Storage, or Transportation" under Industries, page 43)

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### TRANSPORTATION (65)—Continued

#### *Air Transportation*

- 65.x00 General
- 65.x02 Equipment, aircraft and accessories
- 65.x03 Airways
- 65.x04 Airports
- 65.x05 Flight control
- 65.x06 Meteorology
- 65.x07 Passenger service (including travel agencies, rates and schedules, and reservations)
- 65.x08 Air mail and express
- 65.x10 Aerial photography, n. e. c.
- 65.x11 Aerial mapping
- 65.x12 Agricultural dusting and spraying
- 65.x13 Forest protection and fire-fighting
- 65.x14 Police work
- 65.x15 Ferry and taxi service
- 65.x16 Advertising (including sky-writing)
- 65.x19 Not classified above

#### *Highway Transportation, Warehousing and Storage*

- 65.x20 General
- 65.x21 Freight lines (except local)
- 65.x22 Passenger lines (except local)
- 65.x23 Warehousing and storage industries (including farm products and cold storage)
- 65.x24 Equipment (trucks, buses)
- 65.x25 Safety
- 65.x26 Taxicab lines
- 65.x28 Local trucking lines (including household trucking and storage)
- 65.x29 Not classified above

#### *Miscellaneous Transportation, Industries and Services*

- 65.x30 General
- 65.x31 Street car lines and city bus lines operated as a unit
- 65.x32 Street car lines
- 65.x33 Bus lines
- 65.x34 Freight forwarding
- 65.x35 Packing and crating
- 65.x36 Arrangement of transportation
- 65.x37 Rental of railroad cars
- 65.x38 Pipeline transportation (including petroleum and gasoline)
- 65.x39 Not classified above (including stockyards and services incidental to transportation)

#### *Railroad Officials*

- 65.x40 General
- 65.x41 Traffic
- 65.x42 Public relations

### TRANSPORTATION (65)—Continued

#### *Railroad Officials—Continued*

- 65.x43 Valuation and real estate
- 65.x49 Not classified above

#### *Railroad Operating Officials*

- 65.x50 General
- 65.x51 Train dispatching
- 65.x52 Yard operations
- 65.x53 Passenger
- 65.x54 Freight (including railway express)
- 65.x55 Marine or floating equipment
- 65.x56 Auxiliary motor vehicle service
- 65.x57 Car service (including sleeping car)
- 65.x58 Stations and transfers (including station masters)
- 65.x59 Not classified above

#### *Railroad Equipment and Way*

- 65.x60 General
- 65.x61 Locomotives
- 65.x62 Cars, passenger
- 65.x63 Cars, freight
- 65.x64 Rolling stock, other
- 65.x65 Stationary power plants
- 65.x66 Shops and engine house
- 65.x71 Track and way
- 65.x72 Bridges
- 65.x73 Buildings
- 65.x74 Signals
- 65.x79 Not classified above

#### *Waterborne Transportation*

- 65.x80 General
- 65.x81 Canal operation
- 65.x82 Salvage
- 65.x83 Wharves and warehouses
- 65.x84 Rate making
- 65.x86 Equipment (ships, barges, and other vessels)
- 65.x87 Services incidental to water transportation (including piers, docks, and stevedoring)
- 65.x90 Coastwise and oceanborne transportation, general
- 65.x91 Coastwise and oceanborne transportation, passenger
- 65.x92 Coastwise and oceanborne transportation, cargo
- 65.x93 Coastwise and oceanborne transportation, tankers
- 65.x94 Rivers, sounds, and lakes transportation, passenger
- 65.x95 Rivers, sounds, and lakes transportation, cargo

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### TRANSPORTATION (65)—Continued

- Waterborne Transportation*—Continued
- 65.x96 Local water transportation (including ferries, barges, tow boats, and lighters)
  - 65.x98 Personnel with generalized experience in two or more of the above (italicized) fields
  - 65.x99 Not classified above

### INDUSTRIAL DESIGN (66)

Included in this classification are persons engaged in the design, particularly with regard to the aesthetic features of external parts, of goods and equipment such as furniture and housewares, business and office equipment, packaging and closures, vending machines, locomotives, automobiles, and buses.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Designing
- 2 Editing and writing
- 3 Consulting
- 4 Teaching (college level)
- 7 Research and development
- 9 Function not specified above

(For students and for those with generalized experience, see 66.x97 and 66.x98.)

#### *Furniture and Office Equipment*

- 66.x00 General
- 66.x01 Wood
- 66.x02 Metal
- 66.x03 Plastic
- 66.x06 Typewriters
- 66.x07 Calculating equipment, adding and accounting machines
- 66.x09 Not classified above

#### *Interiors and Interior Decoration*

- 66.x10 General
- 66.x11 Commercial and industrial displays and exhibits
- 66.x12 Interior decorating
- 66.x19 Not classified above

#### *Housewares*

- 66.x20 General
- 66.x21 Refrigerators and air conditioning
- 66.x22 Ranges
- 66.x23 Heating equipment

### INDUSTRIAL DESIGN (66)—Continued

#### *Housewares*—Continued

- 66.x24 Cleaning equipment (laundry equipment)
- 66.x25 Clocks
- 66.x26 Kitchen equipment
- 66.x27 Plumbing
- 66.x29 Not classified above

#### *Lighting*

- 66.x30 General
- 66.x31 Display
- 66.x32 Lamps and fixtures
- 66.x33 Neon
- 66.x39 Not classified above

#### *Radios and Communication*

- 66.x40 General
- 66.x41 Interoffice equipment
- 66.x42 Radios and phonographs
- 66.x43 Telephone
- 66.x44 Teletype
- 66.x49 Not classified above

#### *Vending Machines*

- 66.x50 General
- 66.x59 Not classified above

#### *Farm Equipment*

- 66.x60 General
- 66.x61 Dairy equipment
- 66.x62 Tractors and plows
- 66.x69 Not classified above

#### *Packaging and Closures*

- 66.x70 General
- 66.x71 Cardboard and paper
- 66.x72 Glass
- 66.x73 Metal
- 66.x74 Plastics
- 66.x75 Caps and closures
- 66.x79 Not classified above

#### *Miscellaneous Equipment*

- 66.x80 Bottling
- 66.x81 Food processing
- 66.x82 Industrial equipment
- 66.x83 Industrial machinery
- 66.x84 Printing machinery
- 66.x85 Plastics processing equipment
- 66.x86 Scientific equipment
- 66.x89 Not classified above

#### *Design (Other)*

- 66.x90 General
- 66.x91 Auto, bus, and truck bodies and interiors
- 66.x92 Railroad equipment (including locomotives, railroad, passenger car bodies and interiors, and freight cars)

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### INDUSTRIAL DESIGN (66)—Continued

#### *Design (Other)*—Continued

- 66.x93 Passenger and pleasure boats
- 66.x94 Airplane interiors
- 66.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)
- 66.x98 Personnel experienced in two or more of the above (italicized) fields
- 66.x99 Not classified above

### LIBRARY SCIENCE (67)

This designation covers professional and other highly skilled functions in general libraries and those devoted to specialized fields such as medicine, law, and technology.

The third digit (indicated by "x" in the code numbers) provides for further classification in accordance with the following:

- 0 General (two or more functions including administration)
- 1 Bibliography
- 2 Cataloging
- 4 Instruction
- 5 Research
- 7 Librarian
- 8 All semiprofessional functions (including technicians)
- 9 Function not specified above

(For students see 67.x97.)

#### *Library Science*

- 67.x00 General
- 67.x05 Law
- 67.x10 Technology (including sciences)
- 67.x15 Periodicals
- 67.x20 Secondary School
- 67.x25 University
- 67.x30 Medical
- 67.x35 Military
- 67.x40 Music
- 67.x45 Public
- 67.x50 Social science (including history)

#### *Library Science (Other)*

- 67.x90 General
- 67.x97 Student (either a fourth year or a graduate student who does not indicate a specialized field)
- 67.x99 Not classified above

### LAW (68)

This designation covers all positions in the field of law requiring a degree in law and admission to practice before a court of law.

The third digit (indicated by "x" in the code numbers) provides for further classification in accordance with the following functions:

- 0 General
- 1 Attorney general
- 2 Law examiner
- 3 Judges and magistrates
- 4 Teaching (college level)
- 5 Lawyers and barristers
- 6 Prosecuting attorneys
- 7 Editing and writing
- 8 Consulting
- 9 Function not specified above

(For students see 68.x97.)

#### *Civil Law*

- 68.x00 General
- 68.x01 Corporation
- 68.x02 Torts
- 68.x03 Income tax
- 68.x04 Taxes, n. e. c.
- 68.x05 Real estate
- 68.x06 Small claims
- 68.x07 Marital
- 68.x08 Contracts
- 68.x09 Traffic
- 68.x10 Insurance
- 68.x11 Railroad
- 68.x12 Labor
- 68.x13 Utilities
- 68.x19 Not classified above

#### *Law (Other)*

- 68.x90 General
- 68.x91 Criminal law
- 68.x92 Admiralty law
- 68.x93 Patent law
- 68.x94 Immigration and customs law
- 68.x95 International law
- 68.x97 Student (either a fourth year or a graduate student who does not indicate a specialized field)
- 68.x99 Not classified above

### PSYCHOLOGY (70)

This designation covers all fields of theoretical and applied psychology, and includes the specialized fields of learning and motivation, individual

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### PSYCHOLOGY (70)—Continued

differences, psychometrics and psychophysics, vocational guidance, and clinical, industrial, social, abnormal, educational, and general psychology.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Test administrating and clinicians
- 2 Edit and writing
- 3 Consulting
- 5 Teaching (college level)
- 7 Field study worker
- 8 Research and experimentation
- 9 Function not specified above

(For students and for those with generalized experience, see 70.x97 and 70.x98.)

#### *Psychology*

- 70.x00 General
- 70.x01 Aesthetics
- 70.x02 Apparatus design and construction
- 70.x03 Bibliography
- 70.x04 Feelings and emotions
- 70.x05 Attention, perception, sensation
- 70.x06 Religion and ethics
- 70.x07 Theoretical
- 70.x08 Thought processes
- 70.x09 Not classified above

#### *Learning*

- 70.x10 General
- 70.x11 Animal learning and motivation
- 70.x12 Animal senses and perception
- 70.x13 Conditioning
- 70.x14 Human learning and motivation
- 70.x15 Instincts, migration, and homing
- 70.x16 Learning experimentation
- 70.x17 Learning theory
- 70.x18 Memory and forgetting
- 70.x19 Not classified above

#### *Physiological Psychology*

- 70.x20 General
- 70.x21 Autonomic nervous system
- 70.x22 Brain localization and electroencephalography
- 70.x23 Endocrinology (physiology of emotions)
- 70.x24 Neuroanatomy and neuropathology
- 70.x25 Physiology of the nervous system
- 70.x26 Respiration and metabolism
- 70.x27 Sleep and drugs

### PSYCHOLOGY (70)—Continued

#### *Physiological Psychology*—Continued

- 70.x28 Vision and hearing
- 70.x29 Not classified above

#### *Social Psychology*

- 70.x30 General
- 70.x31 Attitudes and their measurements
- 70.x32 Crowd behavior (social behavior of humans)
- 70.x33 Institutions
- 70.x34 Language and communication
- 70.x35 Leadership and politics
- 70.x36 Propaganda and suggestion (psychological warfare)
- 70.x37 Social behavior of animals
- 70.x39 Not classified above

#### *Abnormal Psychology*

- 70.x40 General
- 70.x41 Clinical psychology
- 70.x42 Criminology and delinquency
- 70.x43 Mental defects
- 70.x44 Mental hygiene
- 70.x45 Psychiatry (neuroses, psychoses)
- 70.x46 Psychoanalysis
- 70.x47 Sex and sex adjustment
- 70.x48 Speech defects and pathology (see 76.x00, Speech Pathology)
- 70.x49 Not classified above

#### *Educational Psychology*

- 70.x50 General
- 70.x51 Administration
- 70.x52 Adult education and psychology
- 70.x53 Child psychology and adolescent psychology
- 70.x54 Education, primary (including guidance)
- 70.x55 Education, secondary (including guidance)
- 70.x56 Education, higher (including guidance)
- 70.x57 Handicapped, mental
- 70.x58 Handicapped, physical
- 70.x59 Not classified above

#### *Psychometrics and Psychophysics*

- 70.x60 General
- 70.x61 Construction of questionnaires, rating scales and schedules
- 70.x62 Interviewing
- 70.x63 Psychometrics
- 70.x64 Psychophysics
- 70.x66 Statistics, elementary
- 70.x67 Statistics, advanced
- 70.x68 Test construction and standardization
- 70.x69 Not classified above

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### PSYCHOLOGY (70)—Continued

#### *Applied Psychology*

- 70.x70 General
- 70.x71 Advertising (including marketing)
- 70.x72 Auto personnel and selection
- 70.x73 Aviation personnel and selection
- 70.x74 Efficiency and fatigue
- 70.x75 Industrial (including occupational analysis)
- 70.x76 Trade testing and occupational selection
- 70.x77 Military personnel and selection
- 70.x78 Personnel work
- 70.x79 Not classified above

#### *Individual Differences*

- 70.x80 General
- 70.x81 Constitutional types (physical)
- 70.x82 Emotions
- 70.x83 Graphology, physiognomy
- 70.x84 Intelligence
- 70.x85 Motor skills
- 70.x86 Personality
- 70.x87 Race psychology (race differences)
- 70.x89 Not classified above

#### *Psychology (Other)*

- 70.x90 General
- 70.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)
- 70.x98 Personnel experienced in two or more of the above (italicized) fields.
- 70.x99 Not classified above

### ANTHROPOLOGY (71)

Included in this classification are the sciences of physical anthropology, archeology, European and American ethnography, ethnology, and linguistics, and applied anthropology.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Expedition leaders
- 2 Editing and writing
- 3 Consulting
- 5 Teaching (college level)
- 6 Research
- 7 Field work and exploration
- 8 Directing laboratory
- 9 Function not specified above

(For students and for those with generalized experience see 71.x97 and 71.x98.)

### ANTHROPOLOGY (71)—Continued

#### *Physical Anthropology*

- 71.x00 General
- 71.x01 Primate anatomy
- 71.x02 Human evolution
- 71.x03 Anthropometry
- 71.x04 Human osteology and physiology
- 71.x05 Human genetics and eugenics
- 71.x06 Race differences (physical and psychological)
- 71.x07 Social and economic influences on physique
- 71.x08 Geographical influence (climate, topography, resources, fauna flora, geographic position, and regional geography)
- 71.x09 Not classified above

#### *Archeology*

- 71.x10 General
- 71.x11 Dating and chronology
- 71.x12 Classification and typology
- 71.x13 Analysis and reconstruction
- 71.x14 Archeological theory
- 71.x15 Old World prehistoric archeology
- 71.x16 Classical and oriental archeology
- 71.x17 North American archeology
- 71.x18 Central and South American archeology
- 71.x19 Not classified above

#### *Ethnography, European*

- 71.x30 General
- 71.x31 Field methods
- 71.x32 Culture areas and cultural diffusion and invention
- 71.x39 Not classified above

#### *Ethnography, Africa*

- 71.x40 General
- 71.x41 Field methods
- 71.x42 Culture areas and cultural diffusion and invention
- 71.x49 Not classified above

#### *Ethnography, United States, Canada, and Alaska*

- 71.x50 General
- 71.x51 North American culture history
- 71.x52 Ethnography of the Eskimo
- 71.x53 Ethnography of the Canadian interior
- 71.x54 Ethnography of the Northwest coast
- 71.x55 Ethnography of California, the Great Basin, and the Plateau
- 71.x56 Ethnography of the Plains
- 71.x57 Ethnography of the Eastern Woodlands
- 71.x58 Ethnography of the Southwest
- 71.x59 Not classified above

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### ANTHROPOLOGY (71)—Continued

#### *Ethnography, Middle and South America*

- 71.x60 General
- 71.x61 Mexico
- 71.x62 Caribbean Islands
- 71.x63 Guatemala and Honduras
- 71.x64 Nicaragua, Costa Rica, Panama
- 71.x65 Colombian Highlands
- 71.x66 Peru and Ecuador
- 71.x67 Brazil (Amazon, Orinoco Basins)
- 71.x68 Argentina and Chile
- 71.x69 Not classified above

#### *Ethnography, Asia and Oceania*

- 71.x70 General
- 71.x71 Siberia, Manchukuo
- 71.x72 Turkestan, Indonesia
- 71.x73 Philippine Islands
- 71.x74 Java, Sumatra, Borneo, Celebes
- 71.x75 New Guinea, Melanesia, Polynesia, Micronesia
- 71.x76 Australia, Tasmania, New Zealand
- 71.x79 Not classified above

#### *Ethnology and Linguistics*

- 71.x80 Cultural theory
- 71.x81 Historical reconstruction
- 71.x82 Processes of cultural change
- 71.x83 Comparative sociology
- 71.x84 Culture and personality studies
- 71.x85 Linguistic theory (phonetics and phonemics)
- 71.x86 History and distribution of language
- 71.x87 Semantics, grammar, and vocabulary
- 71.x88 Oriental languages, primitive linguistics, Indo-European linguistics
- 71.x89 Not classified above

#### *Anthropology (Other)*

- 71.x90 Culture contacts and acculturation
- 71.x91 Race mixture and amalgamation
- 71.x92 Racial discrimination and prejudice
- 71.x93 Primitive art, music, recreation, government, law, and intertribal relations
- 71.x94 Folklore and mythology
- 71.x95 Religion, magic, medicine
- 71.x96 Kinship, social organization, property (including Negro and Indian problems)
- 71.x97 Student (either a fourth year or a graduate student who does not indicate a specialized field)
- 71.x98 Personnel (experience in two or more of the above (italicized) fields)
- 71.x99 Not classified above

### HISTORY AND POLITICAL SCIENCE (72)

This designation covers ancient, medieval, and modern history and government, including political, economic, military, ecclesiastic, cultural and institutional history.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

0. General (two or more functions including administration)
- 1 Archivist
- 2 Edit and writing
- 5 Teaching (college level)
- 7 Research
- 9 Function not specified above

(For students and for those with generalized experience, see 72.x97 and 72.x98.)

#### *Ancient History*

- 72.x00 General
- 72.x01 Prehistoric
- 72.x02 Egyptian
- 72.x03 Persian, Babylonian, Syrian
- 72.x04 Greek, intellectual and cultural
- 72.x05 Greek, political and military
- 72.x06 Roman, military
- 72.x07 Roman, legal
- 72.x08 Roman, political, cultural
- 72.x09 Function not specified above

#### *Medieval, Renaissance and Reformation Periods*

- 72.x10 General
- 72.x11 Byzantine Empire
- 72.x12 China
- 72.x13 European, ecclesiastic
- 72.x14 European, cultural
- 72.x15 European, political and military
- 72.x16 European, economic and social
- 72.x17 Holy Roman Empire
- 72.x18 Ethnographic
- 72.x19 Not classified above

#### *Modern*

- 72.x20 General
- 72.x21 Modern, Asiatic (Near East)
- 72.x22 Modern, Far Eastern
- 72.x29 Not classified above

#### *Modern European, General*

- 72.x30 General
- 72.x31 Economic and social history of Europe
- 72.x32 Ecclesiastic history of Europe
- 72.x33 Ethnographic history
- 72.x34 Political history
- 72.x35 Military history
- 72.x36 European governments

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### HISTORY AND POLITICAL SCIENCE

(72)—Continued

#### *Modern European, General*—Continued

72.x37 Federalism, Regionalism, and League of Nations

72.x39 Not classified above

#### *British Empire*

72.x40 General

72.x41 England, political, military, and institutional

72.x42 England, economic and social

72.x43 England, cultural and intellectual

72.x44 England, constitutional and legal

72.x45 Empire, foreign and imperial relations

72.x46 Ireland and Scotland, history and relations to Great Britain

72.x47 Dominions, Canada, Australia, New Zealand, Union of South Africa, India

72.x48 Crown colonies, Western Hemisphere, Africa, Asia and Pacific

72.x49 Not classified above

#### *United States*

72.x50 United States as a whole

72.x51 Colonial period

72.x52 Revolutionary period

72.x53 Pre-Civil War, political, economic, cultural, and intellectual

72.x54 Civil War and Reconstruction

72.x55 Modern, political, institutional, and military

72.x56 Modern, economic and social

72.x57 United States, cultural and intellectual

72.x58 United States, legal and constitutional

72.x59 Not classified above

#### *Latin America*

72.x60 General

72.x61 South America (except Brazil), colonial

72.x62 South America (except Brazil), modern

72.x63 South America (Brazil), colonial

72.x64 South America (Brazil), modern

72.x65 Central America, colonial

72.x66 Central America, modern (including Caribbean)

72.x67 Mexico, colonial

72.x68 Mexico, modern

72.x69 Not classified above

#### *Government*

72.x70 General

72.x71 United States, comparative government, national

72.x72 United States, comparative government, local

### HISTORY AND POLITICAL SCIENCE

(72)—Continued

#### *Government*—Continued

72.x73 British Empire

72.x74 French Empire

72.x75 Mediterranean States

72.x76 Central and Scandinavian

72.x77 Eastern Europe and Near East

72.x78 Latin America

72.x79 Not classified above

#### *Legal*

72.x80 Constitutional law

72.x81 Labor and social legislation

72.x82 Legislative procedure (including bill drafting and legislative counsel)

72.x83 Administrative law

72.x84 Law of local government, civil rights

72.x85 International law, general (theory and history) (including international organization and government, congresses and conferences)

72.x86 International law, principles, cases and rules (including arbitration and judicial settlement, conflicts of law)

72.x87 Diplomatic, consular law, commercial law

72.x88 Law of the air or sea

72.x89 Not classified above

#### *Specialized Approaches*

72.x90 General

72.x91 Economic and social

72.x92 Cultural and intellectual

72.x93 Legal and constitutional

72.x94 Diplomatic

72.x95 Military

72.x96 Ecclesiastic

72.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)

72.x98 Personnel experienced in two or more of the above (italicized) fields

72.x99 Not classified above

## NURSING (74)

These designations cover only graduate registered nurses. (Practical nurses should be coded 02.38 as listed on page 17.) Orderlies, nurses aides, and attendants should be coded 02.421 as listed on page 17.

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### NURSING (74)—Continued

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

(For students see 74.x97.)

- 0 General (two or more functions including administration)
- 1 Institutions (other than hospitals)
- 2 Hospitals (both private and public)
- 3 Industrial and commercial establishments
- 4 Public health service
- 5 Visiting nurse societies
- 6 Teaching (including training schools)
- 7 Private homes
- 8 Professional offices
- 9 Function not specified above

#### *Nursing*

- 74.x00 General
- 74.x01 Operating room
- 74.x02 Anesthesia
- 74.x03 Obstetrics (also nursery service)
- 74.x04 Psychiatry, neurology or psychopathology
- 74.x05 Fever therapy
- 74.x06 Communicable diseases
- 74.x07 Pediatrics
- 74.x08 Dental hygiene
- 74.x11 Laboratory (including serology)
- 74.x19 Not classified above

#### *Nursing (Other)*

- 74.x97 Student

### SPEECH PATHOLOGY (76)

Included in this classification are persons engaged in the study, diagnosis, and correction of speech disorders due to structural anomalies and neuropathic and psychogenic defects.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Conduction of tests and measurements
- 2 Diagnosticians
- 3 Consulting and practicing
- 4 Teaching (college level)
- 5 Directing (laboratory)
- 6 Research
- 7 Clinicians in hospital or college speech clinics

### SPEECH PATHOLOGY (76)—Continued

The third digit, etc.—Continued

- 8 Directing
- 9 Function not specified above

(For students and for those with generalized experience, see 76.x97 and 76.x98.)

#### *Speech Pathology*

- 76.x00 General
- 76.x01 Speech surveys, academic (including elementary, secondary, colleges, and universities)
- 76.x02 Speech surveys, Army and Navy
- 76.x03 Diagnoses of speech and voice disorders
- 76.x04 Diagnoses of malingering speech defects
- 76.x05 Measurement of speech disorders (including mental, physical; structure, hearing; emotional)
- 76.x09 Not classified above

#### *Neuropathic Speech Disorders*

- 76.x10 General
- 76.x11 Examination of aphasics
- 76.x12 Re-education of aphasics
- 76.x13 Spastic speech
- 76.x14 Choreatic speech, scanning speech, bulbar speech
- 76.x15 Physiotherapy
- 76.x19 Not classified above

#### *Psychogenic Speech Disorders*

- 76.x20 General
- 76.x21 Stuttering and stammering
- 76.x22 Hysterical mutism, hysterical aphonia
- 76.x23 Neurotic lisping, cluttering
- 76.x24 Emotional retraining (correction of personality defects)
- 76.x25 Correction of functional defects of articulation (including letter substitution, lalling, elision, and foreign dialect)
- 76.x26 Correction of functional voice defects (including rhythm personality defects)
- 76.x29 Not classified above

#### *Speech Disorders due to Structural Anomalies*

- 76.x30 General
- 76.x31 Lisping due to missing teeth
- 76.x32 Letter substitution due to harelip, tongue-tie
- 76.x33 Clef-palate speech (rhinolalia)
- 76.x34 Construction of obturators and other appliances
- 76.x35 Correction of organic voice disorder
- 76.x36 Speech defects due to impaired hearing (including hearing tests)
- 76.x39 Not classified above

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### SPEECH PATHOLOGY (76)—Continued

#### *Speech Pathology (Other)*

- 76.x90 General
- 76.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)
- 76.x98 Personnel experienced in two or more of the above (italicized) fields
- 76.x99 Not classified above

### GEOGRAPHY (81)

This designation covers professional and semi-professional occupations, in regional geography, cartography, climatology, commercial geography, political geography, economic geography, and other geographical fields.

The third digit (indicated by "x" in the following code numbers) provides classification according to the following functions:

- 0 General (two or more functions including administration)
- 2 Editing and writing
- 3 Consulting
- 5 Teaching (college level)
- 6 Field work and exploring (including expedition leaders)
- 7 Research
- 9 Function not specified above

(See 81.x97 for students.)

#### *Geography (Nonregional)*

- 81.x00 General
- 81.x01 Mathematical geography and cartography
- 81.x02 Geomorphology
- 81.x03 Oceanography
- 81.x04 Climatology
- 81.x05 Biogeography
- 81.x06 Geography of population (including anthropogeography, social and cultural geography, settlement geography)
- 81.x07 Political, military, and naval geography
- 81.x08 Natural resources and exploitation
- 81.x11 Transportation and communication
- 81.x12 Commercial and economic geography
- 81.x19 Not classified above

#### *Regional Geography*

- 81.x20 General
- 81.x25 Alaska
- 81.x30 Latin America (including Caribbean Islands)

### GEOGRAPHY (81)—Continued

#### *Regional Geography—Continued*

- 81.x35 Europe and British Isles
- 81.x40 Asia
- 81.x45 Japan, East Indies, Philippine Islands, and Africa
- 81.x50 Australia and New Zealand
- 81.x55 Polar
- 81.x60 Oceans and Oceanic Islands
- 81.x65 United States (continental)
- 81.x70 Canada and Newfoundland
- 81.x79 Not classified above

#### *Geography (Other)*

- 81.x90 General
- 81.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)
- 81.x98 Personnel experienced in two or more of the above (italicized) fields
- 81.x99 Not classified above

### SOCIOLOGY (82)

This grouping includes activities concerned with the sociological aspects of social problems, minority groups, child labor, social organizations, social insurance, criminology, penology, and psychiatry.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Editing and writing
- 2 Consulting
- 4 Teaching (college level)
- 5 Field work
- 6 Research
- 7 All semiprofessional functions (including technicians)
- 9 Function not specified above

(For students and for those with generalized experience, see 82.x97 and 82.x98.)

#### *Occupations*

- 82.x00 General
- 82.x01 Occupational training and rehabilitation
- 82.x02 Migratory labor
- 82.x03 Occupational status and mobility
- 82.x04 Occupational morale
- 82.x09 Not classified above

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**SOCIOLOGY (82)—Continued**

***Minority Groups in United States***

- 82.x10 General
- 82.x11 Negroes
- 82.x12 American Indians
- 82.x13 Aliens and foreign minorities in general
- 82.x14 Orientals
- 82.x15 Mexicans
- 82.x16 Germans
- 82.x17 Italians
- 82.x18 Minority and religious sects, n. e. c.
- 82.x19 Not classified above

***Family, Women, Youth***

- 82.x30 General
- 82.x31 Family composition statistics
- 82.x32 Family disorganization and adjustment
- 82.x33 Women as wage earners
- 82.x34 Youth as wage earners
- 82.x35 Child labor
- 82.x36 Adolescence
- 82.x37 Orphans
- 82.x38 Illegitimacy
- 82.x39 Not classified above

***Public Opinion, Education and Morale***

- 82.x40 General
- 82.x41 Formation of public opinion and propaganda
- 82.x42 Measurements of public opinion
- 82.x43 Social science curriculum making
- 82.x44 Adult education
- 82.x45 Analysis of ideologies and social movements
- 82.x46 Analysis of rumors, panics, and public disturbances
- 82.x47 Censorship
- 82.x48 The press, radio, cinema
- 82.x49 Not classified above

***Social Organizations***

- 82.x50 General
- 82.x51 Urban community organization
- 82.x52 Rural community organization
- 82.x53 Community surveys and planning
- 82.x54 Church organizations
- 82.x55 Labor, class, or professional organization
- 82.x56 Pressure, protest and interest groups
- 82.x57 Women's organizations
- 82.x58 Youth's organizations
- 82.x59 Not classified above

***Social Psychiatry, Criminology, and Penology***

- 82.x60 General
- 82.x61 Social psychiatry and mental hygiene
- 82.x62 Adult crime

**SOCIOLOGY (82)—Continued**

***Social Psychiatry, etc.—Continued***

- 82.x63 Juvenile delinquency
- 82.x64 Prostitution
- 82.x65 Drug addiction
- 82.x66 Penology, administration and social welfare
- 82.x67 Penology classification and research
- 82.x68 Parole and probation
- 82.x69 Not classified above

***Sociological Theory***

- 82.x80 General
- 82.x81 History of sociology
- 82.x82 Logic of sociology
- 82.x83 Techniques of investigation analysis
- 82.x84 Theories of social structure
- 82.x85 Theories of social change
- 82.x86 Relation of sociology to other social sciences
- 82.x87 Relation of sociology to other professions
- 82.x88 Relation of sociology to other social policy
- 82.x89 Not classified above

***Sociology (Other)***

- 82.x90 General
- 82.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)
- 82.x98 Personnel experienced in two or more of the above (italicized) fields
- 82.x99 Not classified above

**SOCIAL WELFARE (83)**

Included in this classification are persons engaged in such fields of endeavor as public assistance administration, case work with children or adults, psychiatric case work in mental clinics, services for mentally or physically handicapped persons not in institutions, health and welfare promotion, and social insurance administration.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Case work
- 2 Writing and editing
- 3 Consulting
- 4 Teaching (college level)
- 5 Group work

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### SOCIAL WELFARE (83)—Continued

#### The third digit, etc.—Continued

- 6 Directing
- 7 Research
- 8 Organizing
- 9 Function not specified above

#### *Public Assistance Administration*

- 83.x00 General
- 83.x01 Aid to the aged
- 83.x02 Aid to the blind
- 83.x03 Aid to dependent children
- 83.x04 WPA, NYA, and CCC (see Government, 11.x02)
- 83.x05 Farm relief or rural rehabilitation
- 83.x06 Medical care
- 83.x07 Shelter activity (including general emergency supply and shelter organization)
- 83.x08 Red Cross
- 83.x09 Not classified above

#### *Case work with children or adults*

- 83.x10 General
- 83.x11 Psychiatric case work (including institutions for mental patients, mental hygiene clinic, child guidance clinic, general hospital, and family or child case work agency)
- 83.x12 Medical social work (including hospital or clinic, Public Assistance Agency, and Public Health Agency)
- 83.x13 Protective work with children and child guidance (including foster home placement)
- 83.x14 Protective work with women
- 83.x15 Youth consultation service and juvenile probation
- 83.x16 Adult probation and parole
- 83.x17 Home economics and service
- 83.x18 Housekeeping service in private agencies
- 83.x19 Not classified above (including family case work)

#### *Services for Physically or Mentally Handicapped Persons*

- 83.x20 General
- 83.x21 Vocational rehabilitation and sheltered work program
- 83.x22 Service for blind, deaf, and crippled persons
- 83.x23 Service for tuberculous, cancerous and venereal diseased patients
- 83.x24 Service for mentally ill and feeble-minded

### SOCIAL WELFARE (83)—Continued

#### *Services for Physically or Mentally Handicapped Persons*—Continued

- 83.x25 Medical social work, general
- 83.x26 Psychiatric case work, general
- 83.x27 Visiting teaching
- 83.x29 Not classified above

#### *Social Service Programs for Special Groups*

- 83.x30 General
- 83.x31 Work with American Indians
- 83.x32 Urban League and related programs
- 83.x33 Refugee and international
- 83.x34 Service for seamen
- 83.x35 Service for transient and homeless persons
- 83.x36 Service for released prisoners
- 83.x37 Settlement or neighborhood house (including YMCA, YWCA, YMHA, and Jewish Community Center)
- 83.x38 Catholic Youth Organization or Knights of Columbus (including institutional church or church settlement)
- 83.x39 Not classified above (including Boy Scouts, boys' clubs, summer camps, Girl Scouts, Campfire Girls, and woodcraft league)

#### *Institutional and Related Care*

- 83.x40 General
- 83.x41 Dependent children and day nursery care
- 83.x42 Unmarried mothers
- 83.x43 Homeless persons
- 83.x44 Seamen
- 83.x45 Mentally ill and feeble-minded
- 83.x46 Convalescents and physically handicapped
- 83.x47 Aged and infirm
- 83.x48 Prisoners and reformatory inmates
- 83.x49 Not classified above

#### *Health Promotion*

- 83.x50 General (including health council activity)
- 83.x51 Mental and social hygiene
- 83.x52 Tuberculosis and cancer
- 83.x53 Maternal and child health
- 83.x54 Crippled children
- 83.x55 Prevention of blindness
- 83.x59 Not classified above

#### *Organization of Social Work*

- 83.x70 General
- 83.x71 Federal, State, Municipal, or County public welfare administration
- 83.x72 National or State coordinating agency (private)

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### SOCIAL WELFARE (83)—Continued

#### *Organization of Social Work*—Continued

- 83.x73 National or State organization for promoting social action
- 83.x74 Financial federation or chest
- 83.x75 Council of social agencies, social service exchange
- 83.x76 Conference management
- 83.x77 Information service (including Federal, State, Municipal, and Private)
- 83.x78 Social Work Magazine
- 83.x79 Not classified above

#### *Social Welfare (Other)*

- 83.x90 General
- 83.x97 Student (either a fourth year or a graduate student who does not indicate a specialized field)
- 83.x98 Personnel experienced in two or more of the above (italicized) fields
- 83.x99 Not classified above

### PROFESSIONAL EDUCATION (86)

(See "89—Trade and Industrial Education")

This designation covers the professional aspects of pedagogy as applied to elementary, secondary, and higher education; and includes the development of curricula and educational programs, the supervision and administration of educational programs and school systems, the professional training of instructors and administrators, and elementary and secondary school teaching.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Organizing (plans and projects)
- 2 Research (including editing and writing)
- 3 Consulting
- 4 Teaching (college level)
- 5 Teaching (elementary and secondary schools)
- 6 Administration
- 7 Legislative and public relations
- 9 Function not specified above

(For students and for those with generalized experience see 80.x97 and 80.x98.)

#### *Professional Education in General*

- 86.x00 General
- 86.x01 History of education (including socio-logical, biological, and economic)

### PROFESSIONAL EDUCATION (86)—Continued

(See "89—Trade and Industrial Education")—Continued

#### *Professional Education in General*—Continued

- 86.x02 Comparative education
- 86.x03 Philosophy of education
- 86.x04 Educational psychology (including introductory and advanced theory and practice)
- 86.x05 Professional education of teachers (including teacher-in-service conventions, visits, conferences, surveys, reports, and publications)
- 86.x06 Organization and administration, theory and practice (including selection and management of personnel, maintenance, finances, buildings, plants, books, transportation, public relationships, supplies, and equipment)
- 86.x07 Organization and administration, City and State (including small city, large city, County, State)
- 86.x08 Organization and administration, Federal (including policy and administration, territory and possessions, Indians and foreign plans)
- 86.x09 Not classified above

#### *Elementary Education*

- 86.x10 General
- 86.x11 Introductory theory and practice
- 86.x12 Nursery school
- 86.x13 Kindergarten
- 86.x14 First three grades
- 86.x15 Grades four through six
- 86.x16 Church, affiliated schools
- 86.x17 Rural elementary schools
- 86.x18 Curriculum construction
- 86.x19 Not classified above

#### *Secondary Education*

- 86.x20 General
- 86.x21 Introductory theory and practice
- 86.x22 Junior high school, small and large
- 86.x23 Senior high school, small and large
- 86.x24 Private school
- 86.x25 Extra-curricular activities
- 86.x26 Curriculum construction
- 86.x29 Not classified above

#### *Higher Education*

- 86.x30 General
- 86.x31 Introductory theory and practice
- 86.x32 Junior college (liberal arts, terminal, etc.)
- 86.x33 Liberal arts and professional colleges

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### PROFESSIONAL EDUCATION (86)—Continued

(See "89—Trade and Industrial Education")—Continued

#### *Higher Education*—Continued

- 86.x34 Independent and State University
- 86.x35 Curriculum (improvement of instructions)
- 86.x36 Teacher personnel
- 86.x37 School maintenance (including finances, plant and equipment, library, and public relations)
- 86.x38 Extra-curricular activities
- 86.x39 Not classified above

#### *Curriculum and Instructions*

- 86.x40 General
- 86.x41 Principles of teaching and practice teaching
- 86.x42 Supervision
- 86.x43 Use of audio-visual methods (including motion pictures and radio)
- 86.x44 Activity programs
- 86.x45 Curriculum research
- 86.x46 Handicapped
- 86.x47 Adult education
- 86.x48 Military education
- 86.x49 Religious education
- 86.x50 Social studies, general
- 86.x51 Government, civics and current events
- 86.x52 History
- 86.x53 Economics
- 86.x54 Geography, general
- 86.x55 Economics and Industrial geography
- 86.x56 Natural science
- 86.x57 Biological science
- 86.x58 Physical science (including chemistry, physics)
- 86.x59 Mathematics (except arithmetic)
- 86.x60 English, composition and literature
- 86.x61 Foreign languages
- 86.x62 Reading, special reading problems
- 86.x63 Writing
- 86.x64 Arithmetic
- 86.x65 Music
- 86.x66 Dramatics
- 86.x67 Drawing and painting (including mechanical drawing)
- 86.x68 Industrial arts and crafts
- 86.x69 Dancing
- 86.x70 Marriage, instruction and counseling (psychology of family relations)
- 86.x71 Consumer education
- 86.x72 Vocational education, theory and practice

### PROFESSIONAL EDUCATION (86)—Continued

(See "89—Trade and Industrial Education")—Continued

#### *Curriculum and Instructions*—Continued

- 86.x73 Vocational education, agriculture
- 86.x74 Vocational education, homemaking
- 86.x75 Vocational rehabilitation
- 86.x76 Physical education
- 86.x77 Health and recreation
- 86.x78 Safety education
- 86.x79 Not classified above

#### *Guidance and Personnel*

- 86.x80 General
  - 86.x81 Educational orientation
  - 86.x82 Vocational guidance (including vocational testing, vocational counseling, and other counseling)
  - 86.x83 Exploratory and try-out courses
  - 86.x84 Youth studies (including records and study of the individual)
  - 86.x85 Occupational information (including surveys, population analyses and trends)
- Education (Other)*** (also see Educational Services (44.x20—44.x29) (page 75))
- 86.x90 General
  - 86.x97 Student (either a fourth year or graduate student who does not indicate a field of specialization)
  - 86.x98 Personnel experienced in two or more of the above (italicized) fields
  - 86.x99 Not classified above

### JOURNALISM, WRITING AND EDITING (87)

This designation includes literary writing, editing, and reviewing; play, script, and scenario writing; news reporting, corresponding, and editing.

The third digit (indicated by "x" in the code numbers) provides for further classification as follows:

- 0 General (two or more functions including administration)
- 1 Radio
- 2 Newspapers, n. e. c.
- 3 Magazines, n. e. c.
- 4 Teaching, n. e. c.
- 5 Books
- 6 Publications, n. e. c.
- 7 Motion pictures
- 9 Field not specified above

(For students and for those with generalized experience, see 87.x97 and 87.x98.)

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**JOURNALISM, WRITING AND EDITING**  
(87)—Continued

*Writing*

- 87.x00 General
- 87.x01 Biography
- 87.x02 Script
- 87.x03 Essay
- 87.x04 Humor
- 87.x05 Short story
- 87.x06 Drama
- 87.x07 Adapting and collaborating
- 87.x08 Poetry
- 87.x09 History
- 87.x10 Scenario
- 87.x11 Novel
- 87.x12 Corresponding (domestic)
- 87.x13 Corresponding (foreign)
- 87.x21 Department
- 87.x22 Editorial
- 87.x23 News
- 87.x29 Not classified above

*Reporting*

- 87.x30 General
- 87.x31 City
- 87.x32 Society
- 87.x33 Sports
- 87.x34 Feature
- 87.x35 Household
- 87.x36 Stage and screen
- 87.x37 Fashion
- 87.x39 Not classified above

*Miscellaneous Writing*

- 87.x40 General
- 87.x41 Copy reading
- 87.x42 Libretto writing
- 87.x44 Reviewing (book reviewing, motion picture reviewing)
- 87.x49 Not classified above

*Journalism, Writing and Editing (Other)*

- 87.x90 General
- 87.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)
- 87.x99 Not classified above

**RECREATION (88)**

This designation applies to all aspects of recreation and use of leisure time, including the organization and direction of recreational programs, covering such fields as music, drama, linguistics, arts, and crafts, nature crafts, games and sports, and other forms of amateur diversion.

**RECREATION (88)—Continued**

The third digit (indicated by "x" in the code numbers) provides for further classification to the following functions:

- 0 General (two or more functions including administration)
- 4 Instruction and leadership training
- 5 Coaching
- 6 Editing and writing
- 7 Directing and supervising
- 8 Organization
- 9 Function not specified above

(For students and for those with generalized experience, see 88.x97 and 88.x98.)

*Music*

- 88.x00 General
- 88.x01 Singing, glee club, and other choral work
- 88.x02 Staging musical shows
- 88.x03 Orchestra
- 88.x04 Band
- 88.x05 Bugle corps, and fife and drum corps
- 88.x06 Composing music
- 88.x09 Not classified above

*Drama*

- 88.x10 General
- 88.x11 Acting
- 88.x12 Play and script writing
- 88.x13 Play production and direction
- 88.x14 Scenery construction, stage and set lighting
- 88.x15 Costuming and make-up
- 88.x16 Puppetry
- 88.x17 Pageants
- 88.x18 Minstrelsy
- 88.x19 Not classified above

*Linguistic Activities*

- 88.x20 General
- 88.x21 Creative writing
- 88.x22 Debating
- 88.x23 Lectures, forums, and discussions
- 88.x24 Public speaking
- 88.x25 Study groups and reading
- 88.x29 Not classified above

*Arts and Crafts*

- 88.x30 General
- 88.x31 Woodworking and carving
- 88.x32 Weaving
- 88.x33 Ceramics and plastics
- 88.x34 Leather
- 88.x35 Sculpturing
- 88.x36 Printing and bookbinding

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### RECREATION (88)—Continued

#### *Arts and Crafts*—Continued

- 88.x37 Painting and sketching
- 88.x38 Metalcraft and jewelry
- 88.x39 Not classified above

#### *Natural History Activities*

- 88.x40 General
- 88.x41 Trees, shrubs, plants, and flowers
- 88.x42 Gardening
- 88.x43 Animals
- 88.x44 Birds
- 88.x45 Insects
- 88.x46 Taxidermy
- 88.x47 Marine life
- 88.x48 Rocks and minerals
- 88.x49 Not classified above (including astronomy)

#### *Recreation (Social)*

- 88.x50 General
- 88.x51 Social, tap, clog, folk, square dancing
- 88.x52 Games, stunts, and mixers
- 88.x54 Party planning
- 88.x55 Special entertainments
- 88.x59 Not classified above

#### *Games and Sports (Active) (see 95.x40 for Professional Sports)*

- 88.x56 General
- 88.x57 Archery
- 88.x58 Badminton and tennis
- 88.x59 Baseball and softball
- 88.x60 Basketball
- 88.x61 Billiards and bowling
- 88.x62 Boating and canoeing
- 88.x63 Boxing
- 88.x64 Camping and hiking
- 88.x65 Fencing
- 88.x66 Fishing
- 88.x67 Football and touch football
- 88.x68 Golf
- 88.x69 Handball
- 88.x70 Hockey and ice skating
- 88.x71 Marksmanship, gunnery
- 88.x72 Paddle tennis, table tennis
- 88.x73 Riding
- 88.x74 Skiing
- 88.x75 Soccer
- 88.x76 Swimming and diving
- 88.x77 Track and field
- 88.x78 Wrestling and jiu jitsu
- 88.x79 Not classified above

#### *Recreation Area and Development (Planning)*

- 88.x80 General
- 88.x81 Playgrounds and playfields

### RECREATION (88)—Continued

#### *Recreation Area and Development (Planning)*—Continued

- 88.x82 Recreation buildings
- 88.x83 Swimming pools
- 88.x84 Outdoor theatres
- 88.x85 Tournaments
- 88.x86 Dances, parties, and mixers
- 88.x87 Recreation Center services
- 88.x89 Not classified above

#### *Miscellaneous*

- 88.x90 General
- 88.x91 Photography
- 88.x92 Radio (amateur)
- 88.x93 Travel tours
- 88.x94 Magic and sleight of hand
- 88.x95 Experimental science activities
- 88.x96 Collecting and other hobbies
- 88.x97 Student (either a fourth year, or a graduate student in any of above fields who does not indicate a field of specialization)
- 88.x98 Personnel experience in two or more of above (italicized) fields
- 88.x99 Not classified above

## TRADE AND INDUSTRIAL EDUCATION (89)

This designation covers professional, semiprofessional, and highly skilled occupations which are concerned with the teaching and vocational training of persons in the commercial, hygiene, home economics, agricultural, drafting, automotive, aeronautical, construction, machine shop, textile trades and vocations, and other related fields.

The third digit provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
1. Test administrating and clinical work
- 2 Editing and writing
- 3 Consulting
4. Teaching (junior and senior high schools) (including trade schools)
- 5 Teaching (college level)
- 6 Administration
- 7 Field study work
- 8 Research
- 9 Function not specified above

#### *Academic and Commercial Subjects*

- 89.x00 General
- 89.x01 Journalism
- 89.x02 Library training

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**TRADE AND INDUSTRIAL EDUCATION (89)—**  
Continued

*Academic and Commercial Subjects*—Continued

- 89.x03 Mathematics, including arithmetic
- 89.x04 Business subjects (including typing, stenography, and bookkeeping)
- 89.x05 Not classified above

*Home Economics*

- 89.x06 General
- 89.x07 Home nursing
- 89.x08 Hygiene and sanitation
- 89.x09 Food preparation, nutrition, and dietetics
- 89.x11 Costume design and sewing
- 89.x12 Home management
- 89.x13 Institutional management
- 89.x14 Not classified above

*Agriculture*

- 89.x15 General
- 89.x16 Animal husbandry and poultry
- 89.x17 Agricultural marketing
- 89.x18 Horticulture, soils and crops
- 89.x19 Not classified above

*Arts and drafting*

- 89.x20 General
- 89.x21 Cartooning
- 89.x22 Commercial art and illustrating
- 89.x23 Drafting, architectural
- 89.x24 Drafting, mechanical
- 89.x25 Drafting, topographical
- 89.x26 Interior decorating
- 89.x27 Jewelry work, native arts and crafts
- 89.x28 Show card and sign writing
- 89.x29 Not classified above

*Automotive and Aeronautical trades*

- 89.x30 General
- 89.x31 Aircraft engines and airplane mechanics
- 89.x32 Airplane piloting
- 89.x33 Auto body and fender repair, auto finishing
- 89.x34 Automobile engines, auto mechanics
- 89.x35 Diesel engines
- 89.x36 Steam engines
- 89.x37 Ignition and electricity
- 89.x38 Aircraft design and construction
- 89.x39 Not classified above

*Building Trades*

- 89.x40 General
- 89.x41 Carpentry and cabinet making (including woodworking)
- 89.x42 Electricity
- 89.x43 Masonry, brick and stone

**TRADE AND INDUSTRIAL EDUCATION (89)—**  
Continued

*Building Trades*—Continued

- 89.x44 Sheet metal work
- 89.x45 Painting and decorating
- 89.x46 Plastering and tiling
- 89.x47 Plumbing

89.x48 Air conditioning

- 89.x49 Not classified above

*Metal and Machine Work, n. e. c.*

- 89.x50 General
- 89.x51 Forge work
- 89.x52 Foundry work
- 89.x53 Machine shop
- 89.x54 Tool and die making
- 89.x55 Pattern making
- 89.x56 Mechanical refrigerator repair
- 89.x57 Silver, gold, and platinum smithing
- 89.x58 Welding
- 89.x59 Not classified above

*Printing and Related Trades*

- 89.x60 General
- 89.x61 Bookbinding
- 89.x62 Composition and press work
- 89.x63 Linotype
- 89.x64 Multilithing (all offset processes)
- 89.x65 Not classified above

*Service Trades*

- 89.x66 General
- 89.x67 Barbering
- 89.x68 Cosmetology
- 89.x69 Not classified above

*Textiles and Clothing*

- 89.x70 General
- 89.x71 Dyeing, cleaning, and pressing
- 89.x72 Garment trades, men's
- 89.x73 Garment trades, women's
- 89.x74 Millinery
- 89.x75 Tailoring
- 89.x76 Upholstery
- 89.x77 Weaving
- 89.x79 Not classified above

*Medical, Dental, and Optical*

- 89.x80 Medical laboratory
- 89.x81 Dental mechanics
- 89.x82 Optical mechanics

*Trades and Crafts, n. e. c.*

- 89.x83 Armaments, assemble and repair
- 89.x84 Basketry
- 89.x85 Boatbuilding
- 89.x86 Ceramics
- 89.x87 Landscaping
- 89.x88 Leathercraft and saddlery

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### TRADE AND INDUSTRIAL EDUCATION (89)— Continued

#### *Trades and Crafts, n. e. c.*—Continued

- 89.x89 Food trades
- 89.x90 Marine engineering
- 89.x91 Merchandising
- 89.x92 Photography
- 89.x93 Radio communication
- 89.x94 Radio installation and repair
- 89.x95 Seamanship
- 89.x96 Telephony and telegraphy (including sound equipment)
- 89.x97 Student (either a fourth year or graduate student who does not indicate a field of specialization)
- 89.x98 Personnel experienced in two or more of the above (italicized) fields
- 89.x99 Not classified above

### PLANT PATHOLOGY, HORTICULTURE AND AGRONOMY (90)

Included in these designations are the study of plant diseases, the growing and breeding of fruits, vegetables, and plants, the study and practice of field crop production, and soil management and environmental factors affecting growth.

The third digit (indicated by "x" in the code numbers) provides for classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Inspecting
- 2 Editing and writing
- 3 Extension work
- 4 Teaching (college level)
- 6 Consulting
- 7 Research
- 8 All semiprofessional functions (including technicians)
- 9 Function not specified above

(For students and for those with generalized experience see 90.x97.)

#### *Plant Pathology*

- 90.x00 General
- 90.x01 Diseases caused by cryptogamic pathogens and viruses
- 90.x02 Disease control measures, quarantine and inspection
- 90.x03 Plant nematology and insect gall diseases

### PLANT PATHOLOGY, HORTICULTURE AND AGRONOMY (90)—Continued

#### *Plant Pathology*—Continued

- 90.x04 Physiological diseases, abnormal physiology and morphology
- 90.x05 Injury from chemicals
- 90.x06 Not classified above (including genetics of sugarcane, rubber plants, hemp and flax, tobacco, maize, and other grain crops, and cotton)

#### *Horticulture*

##### *Production, vegetables*

- 90.x07 General
- 90.x08 Root crop vegetables
- 90.x09 Cucurbits
- 90.x10 Crucifers
- 90.x11 Legumes (beans, peas, and other legumes)
- 90.x12 Salad crops
- 90.x13 Not classified above

##### *Production, fruits and nuts*

- 90.x14 General
- 90.x15 Nuts
- 90.x16 Grapes
- 90.x17 Stone fruits
- 90.x18 Berries
- 90.x19 Pomaceous fruits
- 90.x20 Citrus fruits
- 90.x21 Not classified above

##### *Production, flowers and ornamentals*

- 90.x22 General
- 90.x23 Bulb crops
- 90.x24 Herbaceous plants and flowers
- 90.x25 Not classified above (including woody plants)

##### *Production, nursery and greenhouse plants*

- 90.x26 General
- 90.x27 Fruit plants
- 90.x28 Nut trees
- 90.x29 Ornamentals
- 90.x30 Greenhouse vegetables
- 90.x31 Not classified above (including hydroponics)

#### *Physiology, fruits and nuts*

- 90.x32 General
- 90.x33 Grapes and berries
- 90.x34 Crucifers and cucurbits
- 90.x35 Legumes
- 90.x36 Root crops
- 90.x37 Salad and solanaceous crops
- 90.x38 Not classified above

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

**PLANT PATHOLOGY, HORTICULTURE AND AGRONOMY (90)—Continued**

*Physiology, ornamental and other*

- 90.x39 General
- 90.x40 Bulbs
- 90.x41 Herbaceous species, n. e. c.
- 90.x42 Woody plants
- 90.x43 Not classified above (including greenhouse ornamentals)

*Plant breeding, fruits and nuts*

- 90.x44 General (including genetics)
- 90.x45 Grapes
- 90.x46 Stone fruits
- 90.x47 Berries
- 90.x48 Pomaceous fruits
- 90.x49 Citrus and tropical fruits
- 90.x50 Other fruits
- 90.x51 Not classified above (including nuts)

*Plant breeding (vegetables)*

- 90.x52 General (including genetics)
- 90.x53 Bulb crops
- 90.x54 Crucifers
- 90.x55 Cucurbits
- 90.x56 Legumes
- 90.x57 Root crops
- 90.x58 Salad
- 90.x59 Solonaceous crops
- 90.x60 Sweet corn
- 90.x61 Not classified above

*Plant breeding (ornamentals)*

- 90.x62 General
- 90.x63 Bulb crops
- 90.x64 Herbaceous plants
- 90.x65 Not classified above (including woody plants)

*Ecology*

- 90.x66 General
- 90.x67 Grapes and berries
- 90.x68 Fruits
- 90.x69 Nuts
- 90.x70 Vegetables
- 90.x71 Flowers and ornamentals
- 90.x72 Not classified above (including vegetation types and phytogeography)

*Agronomy and soil science*

- 90.x73 General
- 90.x74 Soil fertility
- 90.x75 Soil conservation
- 90.x76 Soil survey
- 90.x77 Soil cartography
- 90.x78 Soil microbiology
- 90.x79 Soil physics
- 90.x80 Tillage
- 90.x81 Erosion control

**PLANT PATHOLOGY, HORTICULTURE AND AGRONOMY (90)—Continued**

*Agronomy and soil science—Continued*

- 90.x82 Water conservation
- 90.x83 Cereal and grain crops
- 90.x84 Forage and pasture crops
- 90.x85 Fiber crops
- 90.x86 Beet and cane crops
- 90.x87 Seed production
- 90.x88 Not classified above

*Plant pathology, horticulture and agronomy (other)*

- 90.x90 General
- 90.x91 Plant pathology, n. e. c.
- 90.x92 Horticulture, n. e. c.
- 90.x93 Agronomy, n. e. c.
- 90.x97 Student (either a fourth year or a graduate student who does not indicate a specialized field)
- 90.x99 Not classified above

**FORESTRY AND RANGE MANAGEMENT (91)**

This designation covers occupations in Forestry and Range Management, including specialized fields such as forest administration, silviculture, fire and disease, protection, mensuration, forest finance, harvesting and conversion of wood products, marketing forest products, and wood technology.

The third digit (indicated by "x" in the code numbers) provides for classification according to the following functions:

- 0 General (two or more functions including administration)
- 2 Editing and writing
- 3 Consulting
- 4 Teaching (college level)
- 5 Extension specialists
- 7 All semiprofessional functions (including technicians)
- 8 Research
- 9 Not classified above

(For students and for those with generalized experience see 91.x98 and 91.x97.)

*Silviculture*

- 91.x10 General
- 91.x11 Seed collection
- 91.x12 Dendrology, silvics, tree genetics, forest classification
- 91.x13 Nursery operation and forest planting
- 91.x14 Timber marking and cutting
- 91.x15 Planting methods
- 91.x16 Timber stand improvement and cultural operating

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### FORESTRY AND RANGE MANAGEMENT (91)—Continued

#### *Silviculture*—Continued

- 91.x17 Forest soils
- 91.x19 Not classified above

#### *Protection (fire)*

- 91.x20 General
- 91.x21 Tools, apparatus and equipment, and construction of improvements
- 91.x22 Suppression
- 91.x23 Disease control and eradication
- 91.x25 Tree diseases
- 91.x26 Fungi of wood products
- 91.x27 Insect control and eradication, trees
- 91.x28 Insect control and eradication, wood products
- 91.x29 Not classified above

#### *Mensuration*

- 91.x30 General
- 91.x31 Estimating timber and compiling inventories
- 91.x32 Surveying and mapping forest types and stands
- 91.x36 Stumpage appraisal
- 91.x38 Valuation
- 91.x39 Not classified above

#### *Harvesting Wood Products*

- 91.x40 General
- 91.x41 Logging, skidding, and hauling equipment
- 91.x42 Lumber
- 91.x43 Pulpwood
- 91.x49 Not classified above

#### *Manufacture and Conversion of Wood Products (including Marketing)*

- 91.x50 General
- 91.x51 Milling equipment
- 91.x52 Destructive distillation
- 91.x53 Sawmilling
- 91.x54 Grading
- 91.x55 Marketing
- 91.x59 Not classified above

#### *Range Ecology*

- 91.x60 General
- 91.x64 Climatic relationships
- 91.x65 Ecological classifications
- 91.x66 Soil relationships
- 91.x67 Plant-animal relationships
- 91.x68 Responses of plants, including succession
- 91.x69 Not classified above

#### *Wood Technology*

- 91.x70 General

### FORESTRY AND RANGE MANAGEMENT (91)—Continued

#### *Wood Technology*—Continued

- 91.x71 Wood anatomy
- 91.x72 Identification
- 91.x73 Physical and mechanical properties
- 91.x74 Chemical properties
- 91.x79 Not classified above

#### *Seasoning and Preserving*

- 91.x80 General
- 91.x81 Air seasoning
- 91.x82 Preservatives and preservative treatment
- 91.x83 Glues
- 91.x84 Fireproofing
- 91.x85 Piling and storage
- 91.x86 Kiln drying
- 91.x89 Not classified above

#### *Forest and Range Problems (other)*

- 91.x90 General
- 91.x91 Flood control surveys, n. e. c.
- 91.x92 Watershed studies, surveys, and improvements, n. e. c.
- 91.x93 Climatic and physiographic studies, n. e. c.
- 91.x94 Hydrologic studies, n. e. c.
- 91.x95 Erosion control, soil stabilization, and sedimentation, n. e. c.
- 91.x97 Students (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)
- 91.x98 Personnel (experienced in two or more of the above (italicized) fields)
- 91.x99 Not classified above

## ANIMAL SCIENCES (92)

This designation includes the care and management of livestock, dairy animals, fish resources, and wildlife resources.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Practice
- 2 Editing and writing
- 3 Extension work
- 4 Teaching (college level)
- 5 Inspecting (laboratory)
- 6 All semiprofessional functions (including technicians)

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### ANIMAL SCIENCES (92)—Continued

#### The third digit, etc.—Continued

- 7 Consulting
- 8 Research
- 9 Function not specified above

(For students and for those with generalized experience, see 92.x97 and 92.x98.)

#### *Animal Husbandry*

- 92.x00 General
- 92.x01 Livestock farm management
- 92.x02 Nutrition (including swine, sheep and goats, horses and mules, beef and cattle, poultry, pet animals)
- 93.x03 Physiology and reproduction (including reproduction, metabolism, hormones, incubation)
- 92.x05 Animal breeding (Genetics) (including breeding of dairy and draft animals, swine, sheep and goats, and poultry)
- 92.x09 Not classified above

#### *Dairy Science*

- 92.x10 General
- 92.x11 Food and nutrition requirements (all aspects)
- 92.x12 Physiology and reproduction (including lactation, breeding, and artificial insemination)
- 92.x13 Herd management
- 92.x19 Not classified above

#### *Fish Resources*

- 92.x20 General (including surveys, limnology)
- 92.x21 Genetics, heredity
- 92.x22 Breeding, selection
- 92.x23 Food habits and economic relations
- 92.x24 Parasitology
- 92.x26 Fisheries technology and economics
- 92.x27 Fish hatchery operation and marine fishery management
- 92.x29 Not classified above

#### *Wildlife Resources*

- 92.x30 Wildlife resources surveys (including economic food values)
- 92.x31 Genetics, heredity
- 92.x32 Food habits and economic relations
- 92.x33 Physiology (including nutrition, digestion, and metabolism)
- 92.x34 Parasitology (including diseases)
- 92.x35 Animal bacteriology and immunology
- 92.x36 Entomology (wildlife)
- 92.x37 Ecology (including predator and prey relations, and control of injurious species)

### ANIMAL SCIENCES (92)—Continued

#### *Wildlife Resources*—Continued

- 92.x38 Game and fur animal management and production (including breeding and selection)
- 92.x39 Not classified above

#### *Animal Sciences (Other)*

- 92.x90 General
- 92.x91 Home demonstration
- 92.x92 Care and training, horses
- 92.x93 Care and training, dogs
- 92.x97 Student (either a fourth year, or a graduate student in any of the above fields who does not indicate a field of specialization)
- 92.x98 Personnel experienced in two or more of the above (italicized) fields
- 92.x99 Not classified above

### AMUSEMENT (95)

This designation covers professional, semiprofessional, and highly specialized functions in acting, dramatics, direction, and casting, circus and vaudeville, music, radio, and professional athletics.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Managing
- 2 Coaching
- 3 Training
- 4 Teaching
- 6 Officiating
- 7 Acting, playing or performing
- 8 Directing
- 9 Function not specified above

(For students see 95.x97.)

#### *Productions (including Radio)*

- 95.x00 General
- 95.x01 Stage
- 95.x02 Motion picture
- 95.x03 Comedy
- 95.x04 Minstrelsy
- 95.x05 Impersonation, general
- 95.x06 Impersonation, animal
- 95.x07 Mimicry
- 95.x08 Dramatic reading
- 95.x09 Drama
- 95.x16 Dancing
- 95.x19 Not classified above

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### AMUSEMENT (95)—Continued

#### *Circus, Vaudeville, Radio*

- 95.x20 Clowns
- 95.x21 Acrobatic
- 95.x22 Animal training
- 95.x23 Trick riding
- 95.x24 Magicians
- 95.x25 Ventriloquism
- 95.x26 Hypnotists
- 95.x27 Juggling
- 95.x28 Ringmasters
- 95.x31 Masters of ceremony
- 95.x39 Not classified above

#### *Professional Athletics*

- 95.x40 General
- 95.x41 Football
- 95.x42 Basketball
- 95.x43 Boxing
- 95.x44 Wrestling
- 95.x45 Tennis
- 95.x46 Badminton
- 95.x47 Gymnastics
- 95.x48 Swimming and diving
- 95.x49 Boxing
- 90.x50 Billiards
- 95.x51 Bowling
- 95.x52 Golf
- 95.x53 Archery
- 95.x54 Horse racing
- 95.x55 Automobile, motorcycle, and bicycle racing
- 95.x56 Roller skating
- 95.x57 Ice skating
- 95.x58 Hockey
- 95.x59 Skiing
- 95.x60 Baseball
- 95.x69 Not classified above

#### *Music (including radio)*

- 95.x70 Band conducting
- 95.x71 Orchestra conducting
- 95.x72 Singing
- 95.x73 Organ
- 95.x74 Piano
- 95.x75 Percussion instruments
- 95.x76 Stringed instruments
- 95.x77 Wood wind instruments
- 95.x78 Brass instruments
- 95.x81 Reed instruments
- 95.x82 Xylophone
- 95.x89 Not classified above

#### *Amusement (other)*

- 95.x90 General
- 95.x91 Radio entertainers, n. e. c.

### AMUSEMENT (95)—Continued

#### *Amusement (other)—Continued*

- 95.x97 Student who has had at least 3 years professional training in any of the above fields
- 95.x99 Not classified above

### ART AND SCULPTURING (96)

This designation covers painting, etching, drawing and lettering in all media and for all purposes; and includes sculpturing as a field of art. (Sign painting is not included in this designation and is classified in the skilled occupation groups.)

The third digit (indicated by "x" in the code numbers) is to be supplied as follows:

- 0 General (two or more functions including administration)
- 1 Art or sculpturing (including painting, etching, drawing, and sculpturing)
- 2 Appraisal
- 3 Collecting
- 4 Teaching
- 5 Critics
- 6 Research
- 9 Function not specified above

(For student, see 96.x97.)

#### *Painting*

- 96.x00 General
- 96.x01 Fresco
- 96.x02 Genre
- 96.x03 Landscape
- 96.x04 Miniature
- 96.x05 Mural
- 96.x06 Portrait
- 96.x07 Statuary
- 96.x08 Life
- 96.x09 Still life
- 96.x10 Scenic
- 96.x11 Glass
- 96.x12 Cover design
- 96.x19 Not classified above

#### *Drawing and Sketching*

- 96.x20 General
- 96.x21 Antique
- 96.x22 Cartooning
- 96.x23 Life
- 96.x24 Still life
- 96.x25 Architectural
- 96.x29 Not classified above

#### *Sculpturing*

- 96.x30 General
- 96.x31 Wood

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### ART AND SCULPTURING (96)—Continued

#### *Sculpturing*—Continued

- 96.x32 Stone
- 96.x33 Metal
- 96.x39 Not classified above

#### *Commercial Arts*

- 96.x40 General
- 96.x41 Lettering
- 96.x42 Advertising
- 96.x43 Display
- 96.x49 Not classified above

#### *Art Specialties*

- 96.x50 General
- 96.x51 Light values
- 96.x52 Airbrush
- 96.x53 Dry-point
- 96.x54 Water-tint
- 96.x56 Perspective
- 96.x59 Not classified above

#### *Art and Sculpturing (Other)*

- 96.x90 General
- 96.x97 A student who has had 3 or more years of major training in art or sculpturing
- 96.x99 Not classified above

### PHOTOGRAPHY (97)

This designation covers skilled and technical occupations in still and motion photography in various fields of endeavor such as newspaper publishing, motion pictures, and commercial photography.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
  - 1 Production
  - 3 Editing
  - 4 Teaching
  - 5 Printing and enlarging
  - 6 Picture taking
  - 7 All semiprofessional functions (including technicians)
  - 8 Research
  - 9 Function not specified above

(For those with generalized experience, see 97.x98.)

#### *Photography, Motion*

- 97.x00 General
- 97.x01 News
- 97.x02 Aerial
- 97.x03 Illustrating
- 97.x04 Advertising

### PHOTOGRAPHY (97)—Continued

#### *Photography, Motion*—Continued

- 97.x05 Educational and travel
- 97.x06 Microphotography
- 97.x08 Commercial, n. e. c.
- 97.x09 Not classified above

#### *Photography, Still*

- 97.x10 General
- 97.x11 News
- 97.x12 Aerial
- 97.x13 Portrait
- 97.x14 Reproduction
- 97.x15 Fine arts
- 97.x16 Lighting effects
- 97.x17 Microphotography
- 97.x18 Advertising
- 97.x19 Animation
- 97.x20 Illustrating
- 97.x21 Street
- 97.x22 Commercial, n. e. c.
- 97.x29 Not classified above

#### *Photography (Other)*

- 97.x90 General
- 97.x98 Personnel (experienced in two or more of the above (italicized) fields)
- 97.x99 Not classified above

### RELIGION (98)

This designation covers religious and theological leaders and workers in all creeds and sects.

The third digit (indicated by "x" in the code numbers) provides for further classification in accordance with the following functions:

- 0 General (two or more functions including administration)
  - 1 Administration
  - 2 Historians
  - 3 Ministers, priests, rabbis
  - 4 Teachers
  - 5 Missionaries
  - 6 Student
  - 9 Function not specified above

#### *Protestantism*

- 98.x01 Adventist, Seventh Day
- 98.x02 Assemblies of God
- 98.x03 Baptists
- 98.x04 Brethren, Church of (Dunkers)
- 98.x05 Church of Christ, Scientist
- 98.x06 Church of God
- 98.x07 Church of the Nazarene
- 98.x08 Churches of Christ
- 98.x09 Congregational—Christian

## CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS

### RELIGION (98)—Continued

#### *Protestantism*—Continued

- 98.x10 Disciples of Christ
- 98.x11 Evangelical and Reformed
- 98.x12 Evangelical
- 98.x13 Friends, Religious Society of (Quaker)
- 98.x14 Latter Day Saints (Mormon)
- 98.x15 Lutheran
- 98.x16 Mennonite
- 98.x17 Methodist
- 98.x18 Presbyterian
- 98.x19 Protestant Episcopal
- 98.x20 Reformed Bodies
- 98.x21 Salvation Army
- 98.x22 Unitarian
- 98.x23 United Brethren
- 98.x24 Universalist
- 98.x25 Smaller Protestant Groups

#### *Catholicism*

- 98.x30 Eastern Orthodox
- 98.x35 Roman

#### *Other Major Religions*

- 98.x40 Buddhism
- 98.x50 Confucianism
- 98.x60 Hinduism
- 98.x70 Judaism
- 98.x80 Mohammedanism

#### *Religion (Other)*

- 98.x90 Smaller religious groups
- 98.x99 Not classified above

### GROUP "B" (OTHER) (professional, managerial, and administrative) (99)

This designation is intended to cover those professional and semiprofessional occupations which are not classifiable in other categories and includes such groups as designing and inspecting not elsewhere classified.

The third digit (indicated by "x" in the code numbers) provides for further classification according to the following functions:

- 0 General (two or more functions including administration)
- 1 Design, n. e. c. (see Industrial Design—66)
- 2 Research and development
- 3 Consulting
- 4 Instructing
- 5 Administration or management (see Industrial functions "1" and "2", also see 57—Management and Personnel)
- 6 Editing and Writing (see 87—Journalism, Writing, and Editing)

### GROUPS "B" (OTHER) (professional, managerial, and administrative) (99)—Continued

#### The third digit, etc.—Continued

- 7 Production (see function "1—Sales", Industries)
- 8 Sales and Service (see function "3—Sales", Industries; also see Service Industries)
- 9 Function not specified above

#### *Designing, n. e. c.*

- 99.x00 Clothes and related
- 99.x05 Stage, scenery
- 99.x06 Stage, set
- 99.x07 Art directing, motion picture
- 99.x08 Bank notes
- 99.x11 Jewelry and flatware
- 99.x12 Memorial
- 99.x13 Sign
- 99.x14 Stained glass
- 99.x15 Toy
- 99.x16 Not classified above

#### *Inspecting, Public Service, n. e. c. (see 11.—Government)*

- 99.x20 Customs
- 99.x21 Baggage
- 99.x22 Boarding
- 99.x23 Customs patrol and guarding
- 99.x24 Discharging
- 99.x25 Gaging
- 99.x26 Sampling
- 99.x27 Weighing
- 99.x28 Appraising
- 99.x29 Merchandise examining
- 99.x30 Verifying
- 99.x31 Not classified above

#### *Military Occupations, n. e. c.*

- 99.x41 Enlisted man
- 99.x42 Noncommissioned Officer
- 99.x43 Commissioned Officer
- 99.x44 Warrant Officer
- 99.x46 C. C. C. Administration
- 99.x47 National Guard
- 99.x48 R. O. T. C.
- 99.x49 Not classified above

#### *Drafting*

- 99.x50 General
- 99.x51 Drafting, architectural
- 99.x52 Drafting, commercial
- 99.x53 Drafting, construction
- 99.x54 Drafting, electrical
- 99.x55 Drafting, heating, and ventilating
- 99.x56 Drafting, landscape
- 99.x57 Draftsman, marine
- 99.x58 Drafting, mechanical

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

GROUPS "B" (OTHER) (professional, managerial,  
and administrative) (99)—Continued

*Drafting*—Continued

99.x59 Drafting, mine  
99.x60 Drafting, plumbing  
99.x61 Drafting, refrigeration  
99.x62 Drafting, structural  
99.x63 Drafting, topographic  
99.x64 Tracing  
99.x65 Detailing  
99.x66 Drafting, aeronautical  
99.x69 Not classified above

*Healing Fields, n. e. c.*

99.x80 Chiropractic  
99.x81 Chiropody  
99.x82 Electrotherapy

GROUPS "B" (OTHER) (professional, managerial,  
and administrative) (99)—Continued

*Healing Fields, n. e. c.*—Continued

99.x83 Herb Therapy  
99.x84 Hydrotherapy  
99.x85 Mechanotherapy  
99.x86 Naprapathy  
99.x87 Osteopathy  
99.x88 Physiotherapy  
99.x89 Not classified above

*Other Professions*

99.x90 Funeral Director  
99.x91 Embalmer  
99.x97 professions, n. e. c.  
99.x99 This code is not to be used. Reserved  
for M. R. U.

## Section IV

# Conversion Tables

Para- graph	Page
Conversion codes for all changes to civilian codes, AR 605-95 (tentative), 19 January 1943.	1 117
Conversion codes for all changes to civilian codes, AR 605-95 (tentative) Supplement I, 18 March 1943.	2 120
Conversion codes for all changes to civilian codes, AR 605-95 (tentative) memorandum No. W 605-43, 15 May 1943.	3 120

**I. CONVERSION CODES FOR ALL CHANGES TO CIVILIAN CODES, AR 605-95 (TENTATIVE), 19 JANUARY 1943.** The following conversion table has been prepared to cover all necessary changes for civilian classification within AR 605-95 (tentative). In most cases a direct conversion may be made without reviewing the civilian duties in items 26 and 27, W. D., A. G. O. Form No. 66-1. In a few cases, however, it will be necessary to review the officer's civilian duties in order to code them adequately. A capital "R" follows such codes where a review of the officer's civilian duties is necessary. In some instances it would be desirable, though not essential, to review the officer's civilian experience. In such cases, the code is followed by a small "r." Following are examples for code conversions:

**a. 12.0— to 12.8—:** All cards with the first two digits "12" will have the third digit "0" changed to "8."

**b. 12.-19 to 12.-18:** All cards with the first two digits "12" will have the last two digits "19" changed to "18."

**c. 14.6xx to 11.111:** All cards beginning with the first two digits "14" and third digit "6," regardless of the last digits, will be converted to 11.111.

**d. 24.x30R to 24.xxx:** All cards with the first two digits "24" and last two digits "30" should be reviewed and given the proper code with "24" for the first two digits. The third digit should, in each case, represent the function as determined from the new function listing.

**e. 38.xxx to 18.x40r:** All cards with the first two digits "38" will be changed to "18" for the first two digits and "40" for the last two digits, regardless of what number followed "38." The card should be reviewed to determine the proper function for the third digit.

**f. 40.x47 to 46.000:** Cards with the first two digits "40" and last two digits "47" will be changed to 46.000 regardless of the number of the third digit.

From—	To—	From—	To—
12.		23.-19	23.-91
12.0	12.8—	23.-40	23.-92
12.4	12.5—	24.	
12.6	12.0—	24.0—	24.8—
12.-19	12.-18	24.-04	24.-00
		24.-21	24.-33
13.		24.x30R	24.xxx
13.0	13.7—	24.-38	24.202
13.4	13.5—	24.-39r	24.-49
13.6	13.0—	25.	
13.-19	13.-91	25.0—	25.8—
13.-39	13.-92	25.5—	25.4—
13.-54	13.-93	25.6—	25.0—
13.-59	13.-54	25.-09	25.-08
13.-63	13.-64	25.-51	25.-91
13.-64	13.-94	29.	
14.		29.	
14.0	14.1—	29.xxxR	24.x11
14.6xx	11.111		24.x43
14.-29	14.31		24.x44
20.			24.x45
20.0	20.8—	30.	
20.4	20.5—	30.0—	30.8—
20.6	20.0—	30.5xx	See func- tion 3.— Manufac- turing in- dustries, page 43
20.7xx	44.001		
20.-49	20.-91		
20.-59	20.-92		
21.			
21.0	21.8—	30.6—	30.0—
21.4	21.5—	30.7—	30.8—
22.		30.-00	30.-11
22.xxx	24.x39	30.-30	30.-35
23.		33.	
23.0	23.1—	33.0—	33.8—
23.6	23.0—	33.4—	33.5—

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

From—	To—	From—	To—
87.x51	87.000	(92.x14 through 92.x18)R	See 15.x00 through 15.x49
87.x52	87.000	92.x18	92.-20
88.		92.-39	92.-38
88.0—	88.6—	92.x50R	11.x31
88.6—	88.0—	96.-55	96.59
95.		97.	
95.0—	95.7—	97.0—	97.8—
95.5—	95.0—	97.2—	97.0—
(95.x09 through 95.x14)R	95.8xx	97.7—	97.9—
95.-15R	95.4xx		
95.-40	95.-60	99. (99.x01 through 99.x04)	
96.		99.x09	99.x00
96.0—	96.1—	99.x10	99.x00
96.7—	96.0—		
96.8xx	32.316		

From—	To—	From—	To—
24.x84	99.x84	24.x93	74.300
24.x85	99.x85	24.x94	74.000
24.x86	99.x86		
24.x95	74.201	99.x70	11.x78
24.x96	74.500	99.x71	11.x79
47.x61	47.x92	99.x72	11.x82
47.x62	47.x93	99.x79	11.x99

**3. CONVERSION CODES FOR ALL CHANGES TO CIVILIAN CODES, AR 605-95 (TENTATIVE) MEMORANDUM NO. W605-22-43, 15 MAY 1943.** See section V, paragraph 1, for examples and explanation of converting civilian codes.

**2. CONVERSION CODES FOR ALL CHANGES TO CIVILIAN CODES, AR 605-95 (TENTATIVE) SUPPLEMENT I, 18 MARCH 1943.** See section IV paragraph 1 for example and explanation of converting civilian codes.

From—	To—	From—	To—
02.666	02.669	24.x87	99.x87
24.x40	44.001	24.x88	99.x88
24.x80	99.x80	24.x89	99.x89
24.x81	99.x81	24.x90	74.200
24.x82	99.x82	24.x91	74.600
24.x83	99.x83	24.x92	74.000

From—	To—	From—	To—
05.593	27.102	57.x70	57.x93
24.x99	74.xxxR	57.968	37.x57
29.x80	24.x45	60.x17	60.x33
34.x75	34.x66	60.x23	60.x37
47.x61	47.x92		
47.x62	47.x93	64.x67	65.x23
47.x70	47.x94	65.x90R	Use function "1" of 65
57.x30	32.022, 23, or 24		
		92.x06	92.x92
		92.x07	92.x93
		95.x30	95.x91
		99.x32	11.x86

# Section V

## Alphabetical Index

Group "A" (skilled, unskilled, clerical, and sales occupations) and Group "B" (professional, managerial, and administrative occupations) have been combined for convenience in locating specific occupations.

Section II should be consulted before using the Alphabetical Index. (See pars. 5 and 6.)

A . . .	Code	Page
Abrasive, Asbestos, and Miscellaneous Non-metallic Mineral Products (Manufacturing)	18.x71	49
Abrasives and Polishing Products Production	04.70	27
Academic and Commercial Subjects (Trade and Industrial Education—see 89.x00)	86.x00	104
Accounting (also see function "8" Industries page 43)	63.x00	91
Acoustical Engineering	47.x30	78
Actuarial Statistics	34.x90	68
Addressograph Operator	01.25	13
Adjuster, Tire, and Claim	01.48	14
Administrative and Management Techniques	57.x00	85
Advertising	37.x51	70
Aerodynamics (Aeronautical Engineering)	56.x00	84
Aeronautical Engineering	56.x90	85
Agent, Business	01.48	14
Agricultural Economics Statistics	34.x50	68
Agricultural Fishery, Forestry and Kindred	03.000 through	
Agricultural Occupations	03.x	18
Agricultural Technician, n. e. c.	03.48	19
Agriculture, General	03.49	19
Agriculture, Horticultural, and Kindred	03.000 through	
Agriculture (Trade and Industrial Education)	03.999	18
Agronomy	89.x15	108
Air Conditioning Engineering	90.x	109
Aircraft Building, n. e. c.	58.x	86
Aircraft and Parts (Manufacturing)	05.03	30
Airplane Repairing	26.x14	58
Air Transportation	05.80	35
Air Transportation Worker	65.x00	93
Alcohol Distiller	05.49	33
Ammunition (Manufacturing)	17.x72	48
Ammunition Production Worker	04.54	25

	<i>Code</i>	<i>Page</i>
Amusement	95.x	112
Amusement Attendant	02.40	17
Amusement Foreman	05.97	37
Amusement Occupations, n. e. c. (also see 95.x)	05.56	34
Amusement and Recreation Service (Service Industries)	37.x90	71
Anatomy	21.x	54
Animal Husbandry	92.x00	112
Animal Oils & Vegetable Oils (Manufacturing)	17.x33	47
Animal Science	92.x	112
Annealing Occupations	04.87	28
Anthracite Mining (also see 05.21)	26.x80	59
Anthropology	71.x	97
Apparel (Manufacturing) (also see 04.21)	16.x00	45
Apparel and Accessories (Retail)	31.x70	64
Appraiser, n. e. c.	01.48	14
Appraising and Valuation	40.x87	72
Apprentice, Beauty Operator	02.47	17
Apprentice, Carpentry	07.93	37
Apprentice, Cook	02.47	17
Apprentice, Electrical	07.95	37
Apprentice, Machine Shop	07.94	37
Apprentice, n. e. c.	07.99	38
Apprentice, Other Construction and Hand Trades	07.97	37
Apprentice, Plumbing	07.96	37
Apprentice, Printing Trades	07.98	37
Archeology	71.x10	78
Architecture	42.x	74
Architecture, Naval	41.x90	74
Armature Winder	04.x99	29
Art-Glass Worker	05.77	35
Art Specialties	96.x50	114
Artificial Leather Manufacturing Occupations, n. e. c.	04.19	21
Arts and Crafts	88.x30	106
Arts and Drafting (Trade and Industrial Education)	89.x20	108
Arts and Sculpturing	96.x	113
Asbestos and Insulation Work	05.34	33
Asbestos Product Production	04.70	27
Asphalt Maker	04.55	25
Assembler (see Specific Manufacturing Industry)		
Astronomy and Astrophysics	33.x70	67
Attendant, Amusement and Recreation	02.40	17
Attendant, Camp	02.44	17

OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

	<i>Code</i>	<i>Page</i>		<i>Code</i>	<i>Page</i>			
Attendant, Hospital	02. 42	17	Brick Maker	04. 66	26			
Attendant, Professional and Personal Service	02. 43	17	Brickwork, Stonework, and Tile Setting	05. 24	32			
Auctioneers	01. 51	15	Bridge Tender	02. 62	17			
Automobile Checker	05. 59	34	Broaching Machine Operator	04. 78	28			
Automobile Manufacture, n. e. c.	05. 02	30	Brokerage Salesman	01. 52	15			
Automobile Mechanic	05. 81	35	Broker, Real Estate	01. 63	15			
Automobile Repair (Service Industries)	37. x63	70	Budgetary Control	63. x10	91			
Automobile Repair Services and Garages (Service Industries)	37. x60	70	Buffing, Filing, Grinding, and Polishing Occupations	04. 77	27			
Automobiles and Automobile Equipment (Manufacturing)	26. x30	59	Building Construction Occupations	05. 23	32			
Automotive Engineering	54. x	83	Building Service Workers	02. 80	18			
Automotive Vehicle Dealer (Retail)	31. x91	64	Building Service Workers and Porters	02. 800	18			
Automotive and Motor Vehicles Equipment (Wholesale)	27. x60	60	through	02. 999				
<b>B</b>								
Bacteriology	20. x	52	Burner, Acetylene (also see Welder)	04. 85	28			
Baggageman, Transportation	01. 43	14	Burnisher	04. 77	27			
Bailiff	02. 67	18	Buu Operation	05. 36	33			
Baker	04. 01	19	Business Agent	01. 48	14			
Bakery Labor	08. 01	20	Business Machine Techniques	57. x40	86			
Bakery Production Worker (also see Food)	04. 02	19	Business Services (Industries)	37. x50	70			
Ballistics Expert	02. 66	18	Butcher, Retail	05. 58	34			
Banking (Finance, Insurance, and Real Estate Industries)	32. x20	65	Butcher (Slaughter House)	04. 09	20			
Barber	02. 32	17	Butler	02. 09	16			
Barn Boss	03. 43	19	Butter Grader	05. 76	35			
Bartender	02. 21	16	Butter Maker	04. 06	20			
Basket Maker	04. 39	23	<b>C</b>					
Beautician	02. 32	17	Cabinetmaking	04. 32	23			
Bellman and Related Occupations	02. 22	16	Cafeteria Managements	31. x50	64			
Bertillon Expert	02. 66	18	Caisson-Compressor Engineer	05. 72	35			
Beverage Industries (Manufacturing)	15. x33	44	Camp Attendant	02. 44	17			
Beverage Production Worker	04. 03	20	Candy Maker	04. 05	20			
Bicycle Maker	05. 05	30	Cannery Occupations	04. 04	20			
Billing Machine Operator	01. 25	13	Canning and Preserving Fruits, Vegetables, and Sea Foods (Manufacturing)	15. x13	44			
Biological Chemistry	30. x30	63	Canvas Products Manufacturing Occupations, n. e. c.	04. 28	21			
Biology	13. x	41	Canvasser	01. 55	15			
Bituminous and Other Soft-Coal Mining (also see 05. 21)	26. x90	60	Cap Manufacturing Occupations	04. 24	22			
Blast Furnaces, Steelworks, and Rolling Mills (Manufacturing)	18. x81	49	Capping Machine Occupations	05. 68	35			
Blasting and Powder Work	05. 74	35	Car Washing and Greasing	05. 85	36			
Blueprinting Machine Operator	05. 86	36	Caretaker	02. 04	16			
Boarding House Manager	02. 23	16	Carpenter Apprentice	07. 93	37			
Boat Builder	05. 05	30	Carpentry	05. 25	32			
Boat Loading	05. 47	33	Carpet Installation Occupations	05. 59	34			
Boiler and Firebox Firing, other than Process Firing	05. 70	35	Carpet and Rug Manufacturing Occupations, n. e. c.	04. 19	21			
Boilermaking	04. 83	28	Carpets, Rugs, and Floor Coverings (Manufacturing)	15. x84	45			
Bond Salesman	01. 65	15	Casework with Children or Adults (Social Welfare)	83. x10	103			
Bookbinder	04. 49	24	Cashier	01. 01	12			
Bookkeeper	01. 01	12	Cashier-Wrapper	01. 01	12			
Bookkeeping Machine Operator	01. 02	12	Casket Maker	04. 39	23			
Bootblack	02. 34	17	Celluloid Maker	04. 53	25			
Boot and Shoe Manufacturing	04. 61	26	Cement, (for Concrete Products see 18. x64) (Manufacturing)	18. x46	49			
Botany	13. x10	41	Cement and Concrete Finishing	05. 26	32			
Bottling	05. 68	35	Cement Product Production	04. 67	27			
Brake Repairman	05. 81	35	Cereal Processing Occupations	04. 08	20			
Braking and Switching, Railroad	05. 38	33	Chambermaid	02. 24	16			
Brazer	04. 85	28	Charcoal Products Occupations	04. 53	25			
			Chauffeur	05. 36	33			
			Checker, Clerk	01. 03	12			

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Checker, Mine.....	05.22	32	Concrete Gypsum and Plaster Products (Manufacturing).....	18.x63	49
Cheese Processor.....	04.06	20	Concrete-Mixing Machine Operator.....	05.23	32
Chef and Cook.....	02.26	16	Concrete Product Production.....	04.67	27
Chemical Engineering.....	50. x	79	Conductors, Street Car and Train.....	05.39	33
Chemical Products Occupations, n. e. c.....	04.52	25	Confection Production Worker.....	04.05	20
Chemical Production, n. e. c.....	04.53	25	Construction.....	05.230 through 05.339	32
Chemicals and Allied Products (Manufacturing).....	17. x30	47	Construction (Industrial and Safety Engineering).....	45.x00	76
Chemicals and Chemical Products Production.....	04.500 through 04.549	24	Construction, n. e. c.....	05.32	32
Chemicals, Drugs, Allied Products (Wholesale).....	27. x70	61	Construction and Lumber Materials (Wholesale).....	28.x80	61
Chemicals, Industrial (Manufacturing).....	17. x52	48	Construction Machinery Operation, n. e. c.....	05.23	32
Chemist Mixer (Flavoring Extracts).....	04.10	20	Construction and Mining Machinery (Manufacturing).....	19.x57	51
Chemistry and Related Fields.....	30. x	62	Construction Occupations.....	05.23	32
Chewing Gum Maker.....	04.05	20	Containers, Wood (Manufacturing).....	16.x64	46
Chief Clerk.....	57. x	85	Contractors, General (Construction).....	27.x30	60
Circus, Vaudeville, Radio.....	95. x20	113	Contractors, Special-Trade (Subcontractors).....	27.x40	60
Civil Engineering.....	40. x	71	Cook and Chef.....	02.64	16
Civil Law.....	68. x00	95	Cook, Domestic Service.....	02.05	16
Claim Adjuster.....	01.48	14	Cooperage, n. e. c.....	04.38	23
Clay, Glass, and Stone Products Production.....	04.650 through 04.709	26	Cordage Manufacturing Occupations, n. e. c.....	04.19	21
Clay Product Production.....	04.66	26	Coremaker, Foundry.....	04.82	28
Clay Products, Structural (Manufacturing).....	18. x49	49	Cork Product Occupations.....	04.40	23
Cleaner.....	02.82	18	Correspondence Clerk.....	01.16	13
Cleaning of Apparel and Other Articles.....	05.57	34	Cosmetic Products Occupations.....	04.53	25
Clerical and Kindred.....	01.000 through 01.499	12	Cost Accounting Industries (see Industrial function 8, page 44). Cost Accounting, Other Than Manufacturing.....	63.x40	92
Clerical and Sales.....	01.000 through 01.999	12	Cotton Farmer.....	03.02	18
Clerk (All Clerical Occupations).....	01.01 through 01.49	12	Cotton Ginner.....	03.47	19
Clerk, Chief.....	57. x	85	Cotton Grader.....	05.76	35
Clock, Watch, Jewelry, and Articles of Precious Metals Manufacture, n. e. c.....	04.72	27	Cotton Seed Products Occupations.....	04.52	24
Clothing and Furnishings (Wholesale).....	27. x84	61	Cotton Textile Products (Manufacturing).....	15.x61	45
Clothing, Men's and Boys' (Manufacturing).....	16. x01	45	Court Reporter.....	01.37	14
Coal Products and Petroleum (Manufacturing).....	17. x90	48	Crane Operation.....	05.73	35
Coal Tar Products Occupations.....	04.52	24	Credit Agencies other than Banks—Long Term (Finance, Insurance, and Real Estate Industries).....	32.x30	65
Cobbler.....	04.60	26	Credit Agencies other than Banks—Short Term (Finance, Insurance, and Real Estate Industries).....	32.x40	65
Coke and Byproducts (Manufacturing).....	17. x92	48	Credit clerk.....	01.12	13
Coke and Gas Production Occupations.....	04.55	25	Crime Expert.....	02.66	18
Collector, Bills and Accounts.....	01.15	13	Crude-Petroleum and Natural-Gas Production (Mining).....	27.x00	60
Commercial Arts.....	96. x40	114	Curriculum and Instruction.....	86.x40	105
Commission Man.....	01.52	15	Cutlery and Hardware, Hand Tools (Manufacturing).....	18.x94	49
Commodity Brokers and Security (Finance, Insurance, and Real Estate Industries).....	32. x60	65	Cutlery Manufacturing.....	18.x95	49
Communication (Transportation and Other Public Utilities).....	37. x00	70	D		
Communication Equipment and Related Products (Manufacturing).....	19. x98	52	Dairy Products (Manufacturing).....	15.x07	44
Communication and Utilities.....	05.510 through 05.549	33	Dairy Product Worker.....	04.06	20
Communication Equipment Manufacturing Occupations.....	05.00	30	Dairy Science.....	92.x10	112
Communication Foreman.....	05.95	37	Dairymen.....	03.04	18
Communication Occupations.....	05.51	33	Day Worker.....	02.01	16
Compiler.....	01.36	14	Deck Worker.....	05.48	33
Compiler, Statistics.....	01.36	14	Decorator.....	05.89	36
Composing and Typesetting.....	04.44	24	Demonstrator.....	01.56	15
Compressed Air Motorman.....	05.40	33	Dental Assistant.....	01.32	14
Computing-Machine Operator.....	01.25	13			
Concrete and Cement Finishing.....	05.26	32			

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Dental Technician (Mechanic)	05.09	30	Electrical Wiring Devices and Generating Equipment (Manufacturing)	19. x91	52
Dentistry	24.x	56	Electrical Work	04. 97	29
Derrick Operation	05.73	35	Electrical Work and Electrical Equipment Manufacturing	05. 009	29
Design, Industrial	66.x	94	Electronics	51. x30	80
Designing, n. e. c.	99.x	115	Electroplating	04. 74	27
Detective	02.66	18	Electrotyping	04. 45	24
Detective, not in Public Service	02.65	17	Elementary Education	86. x10	104
Developer, Photograph and Motion Picture	05.86	36	Elevator Installers	05. 83	36
Dictaphone Operator	01.37	14	Enamelware Products Occupations	04. 93	29
Die Sinking and Setting	04.76.	27	Engine Design (Aeronautical Engineering)	56. x40	85
Diesel Engines, Manufacturing	19.x52	51	Engineer (see Specific Field such as Mechanical Engineer, or Civil Engineer)		
Diesel Engineer	05.72	35	Engineering (see Industrial function 6 page 44.)		
Diets	14.x10	42	Engineering Clerk	01. 35	14
Diver	05.89	36	Engines and Turbines (Manufacturing)	19. x51	51
Domestic Service	02.000 through 02.099	16	Engraver, Stone	04. 46	24
Doorman	02.45	17	Engraving	04. 73	27
Drafting	99.x	115	Ethnography	71. x	97
Drama	88.x10	106	Entomology	13. x60	41
Drawing and Sketching	96.x20	113	Equipment and Supplies, Machinery (Wholesale)	28. x90	61
Drill Press Operator	04.78	28	Errand Boy	01. 23	13
Drilling in the Extraction of Minerals and in Construction	05.75	35	Estimator, n. e. c.	01. 49	14
Drilling Occupations, Petroleum	05.20	31	Explosives Manufacturing Occupations	04. 52	24
Drug Product Occupations	04.53	25	Export-Import Services	37. x57	70
Drugs and Chemicals and Allied Products (Wholesale)	27.x70	61	Express Agent	01. 44	14
Drugs, Toilet Preparations, and Insecticides (Manufacturing)	17.x40	47	Express Messenger	01. 31	14
Dry Cleaning Occupations	05.57	34	Extraction of Minerals	05. 200 through 05. 229	31
Dry Goods and Apparel (Wholesale)	27.x80	61			
Dry Goods, Retail Manufacturing	31.x60 through 31.x79	64			
Duplicating-Machine Operator	01.25	13			
Dyeing	05.18	31			
Dyeing and Finishing Textiles (Except Woolen and Worsted) (Manufacturing)	15.x80	45			
<b>E</b>					
Economic Statistics (Other Than Financial and Agricultural)	34.x40	68	Fabricated Plastic Products Occupations	05. 12	31
Economics	60. x	88	Fabricated Textile Products Production	04. 279	21
Ediphone Operator	01.37	14	Fabrication of Metal Products, n. e. c.	04. 93	29
Editing	87. x	106	Family, Women, Youth (Sociology)	82. x30	102
Education, Industrial	89. x	107	Farm Couple	03. 36	19
Education, Professional	86. x	104	Farm Hand	03. 11 through 03. 30	18
Education, Safety	46. x40	77	Farm Manager	03. 37	19
Educational Services (Service Industries)	44. x20	75	Farm Mechanic	03. 35	19
Elevator Operator	02.95	18	Farm Products (Including Assemblers of) (Wholesale)	28. x10	61
Electric Power Generation	51. x40	80	Farmer	03. 01 through 03. 09	18
Electric Railway Transportation	51.x60	80	Farming Machine Operator	04. 88	28
Electrical Apparatus	51.x10	80	Feed Processing Occupations	04. 07	20
Electrical Appliances (Manufacturing)	19.x95	52	Felt Goods Manufacturing Occupations, n. e. c.	04. 20	21
Electrical Automotive Equipment Repairman	05. 81	35	Ferrous and Nonferrous Metal Production, n. e. c.	04. 92	29
Electrical Construction Occupations	04. 97	29	Fertilizer Products Occupations	04. 52	24
Electrical Engineering	51. x	79	File Clerk	01. 17	13
Electrical Equipment Manufacture, n. e. c.	05. 00	30	Filing, Grinding, Buffing, and Polishing Occupations	04. 77	27
Electrical Goods (Wholesale)	28.x50	61	Finance, Insurance, and Real Estate Industries	32. x90	65
Electrical Machinery (Manufacturing)	19.x90	52	Financial Institution Clerk, n. e. c.	01. 06	12
Electrical Machinery and Accessories Manufacture, n. e. c.	04. 99	29	Financial Institutions (Government)	11. x40	39
Electrical Maintenance Occupations	04. 97	29	Financial Statistics	34. x30	68
Electrical Repairman, n. e. c.	05. 83	36	Fire and Marine Insurance (Finance, Insurance, and Real Estate Industries)	32. x72	65
			Firearms Manufacturing Occupations	04. 93	29
			Firebox Firing, other than Process Firing	05. 70	35

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Fireman, Boiler	05.70	35	Generator Operator, Powerhouse	05.51	33																																																																																																							
Fireman, Fire Department	02.63	17	Geography	81.x	101																																																																																																							
Fireman, Locomotive	05.41	33	Geography (Nonregional)	81.x00	101																																																																																																							
Fireman, Marine	05.70	35	Geology and Geophysics	35.x	68																																																																																																							
Fireworks Maker	04.53	25	Geophysics and Geology	35.x	68																																																																																																							
First-aid Attendant	02.38	17	Glass Blower	04.65	26																																																																																																							
Fish Resources	92.x20	112	Glass Product Production	04.65	26																																																																																																							
Fishing, General	03.89	19	Glass Products (Manufacturing)	18.x41	49																																																																																																							
Fisherman, Sponge	03.88	19	Glass Setting Occupations	05.77	35																																																																																																							
Fishery Occupations	03.800 through 03.899	19	Glass, Stone, and Clay Products Production	04.709	26																																																																																																							
Fitter (Wearing Apparel)	04.25	22	Glaze Maker	04.66	26																																																																																																							
Flame Cutting	04.85	28	Glazing	05.77	35																																																																																																							
Flood Control	40.x34	72	Glue Maker	04.53	25																																																																																																							
Floor Coverings, Carpets, and Rugs (Manufacturing)	15.x84	45	Goldsmithing	04.71	27																																																																																																							
Flour Processing Occupations	04.07	20	Governmental Organizations and Services	11.x	38																																																																																																							
Flower Grower	03.38	19	Grader, Lumber	04.29	22																																																																																																							
Food (Retail) (including Eating and Drink Places)	31.x50	64	Grain-Mill Products (Manufacturing)	15.x21	44																																																																																																							
Food and Groceries Specialties (Wholesale)	28.x00	61	Grain Processing Occupations	04.07	20																																																																																																							
Food and Kindred Products (Manufacturing)	15.x00	44	Grain Products Occupations	04.08	20																																																																																																							
Food Preparations, Miscellaneous (Manufacturing)	15.x39	44	Grinder, Glass	04.65	26																																																																																																							
Food Product Production	04.010 through 04.109	19	Grinder, Lens	05.08	30																																																																																																							
Food Preservation	04.04	20	Grinding, Buffing, Polishing, and Filing Occupations	04.77	27																																																																																																							
Food Processor, Miscellaneous	04.10	20	Grinding Machine Operator	04.79	28																																																																																																							
Foreign Languages	61.x	90	Groceries and Food Specialties (Wholesale)	28.x00	61																																																																																																							
Foreman	05.99	36	Ground Keeper	03.40	19																																																																																																							
Foreman, n. e. c.	05.99	37	Group "B" (n. e. c.)	99.x	115																																																																																																							
Forestry (except Logging)	03.91	19	Guard	02.61	17																																																																																																							
Forestry (except Logging), Hunting, and Trapping	03.999	18	Guidance and Personnel (Education)	86.x80	105																																																																																																							
Forestry Management	91.x	110	Guide, Fishing and Hunting	03.96	19																																																																																																							
Forging and Smithing	04.86	28	Guide, Travel	02.36	17																																																																																																							
Foundry Molding	04.81	28	Guides, except Hunting and Trapping	02.36	17																																																																																																							
Foundry Operation, n. e. c.	04.82	28	Gunsmith	05.83	36																																																																																																							
Fruit Packer	03.30	18	Gypsum and Plaster Products, Concrete (Manufacturing)	18.x63	49																																																																																																							
Fuel (Engine)	52.x25	81	Gypsum Product Production	04.67	27																																																																																																							
Furnace Operation, Smelting, and Pouring	04.91	29	<b>H</b>																																																																																																									
Furnace Tender (Heat Treating)	04.87	28	Furniture and Finishel Lumber Products (Manufacturing)	16.x50	46	Hammersmith	04.86	28	Furniture, Home Furnishings and Equipment (Retail)	31.x80	64	Hardener	04.87	28	Furniture and Housefurnishings (Wholesale)	28.x60	61	Hardware, n. e. c. (Manufacturing)	18.x99	50	Furniture, Household (Manufacturing)	16.x51	46	Hardware, Hand Tools, Cutlery (Manufacturing)	18.x94	49	Furniture Inspector	05.59	34	Hardware Products Occupations	04.93	29	Furniture Manufacturer, n. e. c.	04.36	23	Hardware, Wholesale Trades (Manufacturing)	28.x70	61	Furniture, Office, Wood, and Metal (Manufacturing)	16.x58	46	Hat and caps Manufacturing Occupations	04.24	22	Furrier	04.21	21	Hatchery Man	03.41	19	<b>G</b>				Hats (Except Cloth and Millinery—see Apparel 16.x07) (Manufacturing)	15.x87	45	Galvanizing	04.74	27	Heating Fields, n. e. c.	99.x	116	Gardener	03.40	19	Health Promotion (Social Welfare)	83.x50	103	Garment Fitting Occupations	05.59	34	Health Services (Manufacturing)	44.x	75	Gas (Communication, Transportation, and other Public Utilities)	37.x12	70	Heat, Light and Power (Transportation, Communication, and Other Public Utilities)	37.x10	70	Gas Fitting, Steam Fitting, and Plumbing	05.30	32	Heat Treating	04.87	28	Gatemen	02.61	17	Heating Apparatus, Enamelled-Iron Sanitary Ware and Boiler Shop Products (Manufacturing)	19.x00	50	Gate Tending	05.42	33	Heating Apparatus Occupations	04.93	29	Celatin Maker	04.53	25	Heating Engineering	58.x	86	Gem Cutter	04.71	27
Furniture and Finishel Lumber Products (Manufacturing)	16.x50	46	Hammersmith	04.86	28																																																																																																							
Furniture, Home Furnishings and Equipment (Retail)	31.x80	64	Hardener	04.87	28																																																																																																							
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Gem Cutter	04.71	27																																																																																																										

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Higher Education	86. x30	104	Jackhammer Operator	05. 75	35
Highway Maintenance Occupations	05. 61	34	Janitor	02. 84	18
Highway Transportation, Warehousing, and Storage	65. x20	93	Jewelry Manufacturing Occupations	04. 72	27
History	72. x	98	Jewelry, Silverware, and Plated Ware (Manufacturing)	19. x34	50
Hoist Operation	05. 73	35	Jewelry, Wholesale (Manufacturing)	31. x43	64
Home Economics (Trade and Industrial Education)	89. x06	108	Journalism, Writing, and Editing	87. x	105
Horseshoer	04. 86	28			
Horticultural Occupations	03. 1	19			
Horticulture	90. x	109			
Hospital Attendant	02. 42	17			
Hotel Clerk, n. e. c.	01. 07	13			
Housefurnishings and Furniture (Wholesale)	28. x60	61			
Housekeeper, Private Family	02. 03	16			
Houseman	02. 04	16			
Houseman, Hotels and Restaurants	02. 24	16			
Humane Officer	02. 66	18			
Hunter	03. 97	19			
Hydraulic and Hydrostatic Machines	52. x10	81			
<b>I</b>					
Ice Cream Maker	04. 06	20			
Immunology	20. x	52			
Industrial Chemical Production	04. 52	24			
Industrial Design	66. x	94			
Industrial Education	89. x	107			
Industrial and Safety Engineering	45. x	75			
Industry and Commerce (Government)	11. x20	38			
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Insecticides, Drugs, and Toilet Preparations (Manufacturing)	17. x40	47			
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Inspector, Machine Shop	04. 79	28			
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Insulation and Asbestos Work	05. 34	33			
Insulation Occupations	05. 33	33			
Insurance Agents, Brokers and Service (Finance, Insurance, and Real Estate Industries)	32. x80	66			
Insurance Carriers—Not Agents, Brokers, and Service (Finance, Insurance, and Real Estate Industries)	32. x70	65			
Insurance Clerks, n. e. c.	01. 08	13			
Insurance Underwriter	01. 57	15			
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Investment Trust Companies: (Holding and Investment-holding Companies) (Finance, Insurance, and Real Estate Industries)	32. x50	65			
Iron and Steel Foundry Products (Manufacturing)	18. x84	49			
Iron and Steel Products Occupations	04. 93	29			
Iron, Steel, and Their Products (Manufacturing)	18. x80	49			
Irrigation Tender	03. 32	18	n. e. c.	05. 88	36
<b>K</b>					
Jackhammer Operator			Key Punch Machine Operator	01. 25	13
Janitor			Kiln Operator (Clay)	04. 66	26
Jewelry Manufacturing Occupations			Kitchen Worker	02. 29	17
Jewelry, Silverware, and Plated Ware (Manufacturing)			Knit Goods Manufacturing Occupations	04. 14	21
Jewelry, Wholesale (Manufacturing)			Knit Goods Nonprocess Occupations	04. 18	21
Journalism, Writing, and Editing			Knit Products (Manufacturing)	15. x72	45
<b>L</b>					
Labeling (Jars, Cans, etc.)			Labeling (Jars, Cans, etc.)	05. 68	35
Laborer, Blight Control			Laborer, Blight Control	03. 31	18
Laborer, Hatchery			Laborer, Hatchery	03. 42	19
Laborer, Nursery			Laborer, Nursery	03. 39	19
Ladies Maid			Ladies Maid	02. 24	16
Ladle Motorman			Ladle Motorman	05. 40	33
Landscape Architecture			Landscape Architecture	42. x20	74
Landscaping Laborers			Landscaping Laborers	03. 39	79
Languages, Foreign			Languages, Foreign	61. x	89
Lathe Operator			Lathe Operator	04. 78	28
Latin America (History)			Latin America (History)	72. x60	99
Laundering of Apparel and Other Articles			Laundering of Apparel and Other Articles	05. 57	34
Laundress, Private Family			Laundress, Private Family	02. 02	16
Launder Sales Clerk			Launder Sales Clerk	01. 96	16
Law			Law	68. x	95
Law Clerk			Law Clerk	01. 35	14
Lay-out Man			Lay-out Man	04. 75	27
Lead Burner			Lead Burner	04. 95	29
Leather and Leather Products (Manufacturing)			Leather and Leather Products (Manufacturing)	18. x20	48
Leather and Leather Products Manufacturing			Leather and Leather Products Manufacturing	04. 580 through	
Leather Manufacture			Leather Manufacture	04. 639	25
Leather Product Manufacture, Other Than Boots and Shoes			Leather Product Manufacture, Other Than Boots and Shoes	04. 58	25
Legal (History)			Legal (History)	72. x80	99
Lens Grinding and Polishing Occupations			Lens Grinding and Polishing Occupations	05. 08	30
Library Assistant			Library Assistant	01. 20	13
Library Science			Library Science	67. x	95
Light Fixtures Manufacturing Occupations			Light Fixtures Manufacturing Occupations	04. 94	29
Light and Power, Heat (Transportation, Communication, and Other Public Utilities)			Light and Power, Heat (Transportation, Communication, and Other Public Utilities)	37. x10	70
Lighthouse Keeper			Lighthouse Keeper	05. 61	34
Lime Production Occupations			Lime Production Occupations	04. 67	27
Line and Service Work, Telephone, Telegraph, and Power			Line and Service Work, Telephone, Telegraph, and Power	05. 53	34
Linoleum Manufacturing Occupations, n.e.c.			Linoleum Manufacturing Occupations, n.e.c.	04. 19	21
Linseed Products Occupations			Linseed Products Occupations	04. 52	24
Liquor Production Occupations			Liquor Production Occupations	04. 03	20
Lithography			Lithography	04. 46	24
Livestock Farmer			Livestock Farmer	03. 07	18
Loading, Unloading Handling, and Related			Loading, Unloading Handling, and Related	05. 88	36

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Code	Page	Code	Page		
Locksmith	05. 83	36	Marine and Fire Insurance (Finance, Insurance, and Real Estate Industries)	32. x72	65
Locomotive Manufacturing Occupations	05. 05	30	Marketing and Consumer Problems	60. x70	89
Locomotive Operation	05. 41	33	Masseur	02. 43	17
Lodging House Manager	02. 23	16	Match Maker	04. 39	23
Lodging Places (Service Industries)	37. x30	70	Mathematics	34. x	67
Loftsman	05. 17	31	Measuring Instruments Manufacturing Occupations, n. e. c.	05. 09	30
Log Inspector	04. 29	22	Meat Products (Manufacturing)	15. x01	44
Logs and Lumber	04. 29	22	Meatcutting, except in Packing and Slaughtering Houses	05. 58	34
Log Scaler	04. 29	22	Mechanic, n. e. c.	05. 83	36
Longshoreman	09. 47	33	Mechanic, Farm	03. 35	19
Lubrication (Engine)	52. x21	81	Mechanical Engineering	52. x	81
Lumber and Construction Materials (Wholesale)	28. x80	61	Mechanical Treatment of Metals (Rolling, Stamping, Forging, Pressing, etc., n. e. c.)	04. 88	28
Lumber Grader	04. 29	22	Medical Assistant	01. 32	14
Lumber Inspector	04. 29	22	Medical Fields	24. x	57
Lumber Products Manufacture, n. e. c.	04. 39	23	Medical Fields (Allied) (Healing)	99. x	115
Lumber Products Occupations, n. e. c.	04. 39	23	Medical and other Health Services (including Hospitals and Laboratories)	44. x0	75
Lumber Products Production	04. 290 through	04. 399	Medical Secretary	01. 33	14
Lumber Sawyer	04. 31	22	Melter, Glass	04. 65	27
Lumber and Timber Basic Products	16. x40	46	Messenger	01. 23	13
Lumber Transporting	04. 30	22	Messenger Express	01. 31	14
Lumbering	04. 30	22	Metal and Machine Work (Trade and Industrial Education)	89. x50	108
<b>M</b>			Metal Mining	26. x70	59
Machine Erectors	05. 78	35	Metal Products Occupations, n. e. c.	04. 93	29
Machine Maintenance	05. 78	35	Metal Sawing Occupations	04. 88	28
Machine Operator	04. 78	28	Metal Stamping and Coating (Manufacturing)	19. x08	50
Machine Shop Apprentices	07. 94	37	Metallurgy	59. x	87
Machine Shop and Related Occupations, n. e. c.	04. 78	28	Metals and Metal Products	45. x34	76
Machine Tool Operation	04. 75	27	Metals and Minerals (Except Petroleum Products and Scrap) (Wholesale)	31. x00	63
Machinery Equipment	05. 63	34	Metalworking	04. 959	27
Machinery Equipment and Supplies (Wholesale)	28. x90	61	Metalworking—Inter-Industry	04. 95	29
Machinery (Except Electrical) (Manufacturing)	19. x50	51	Metalworking Machinery (Manufacturing)	19. x61	51
Machinery Manufacturing Occupations	04. 94	29	Meteorology	40. x48	72
Machinery Miscellaneous (Manufacturing)	19. x71	51	Meteorology (Including Forecasting)	35. x80	69
Machinery Oiling	05. 71	35	Meter Repairman	05. 83	36
Machinery and Tractors, Agricultural (Manufacturing)	19. x54	51	Midwife	02. 38	17
Maids, General	02. 06	16	Millinery Designers and Makers	04. 23	22
Mail Carrier	01. 28	14	Military Engineering	52. x00	81
Mail Order Clerk	01. 12	13	Military Occupations, n. e. c.	99. x	115
Maintenance Mechanic, n. e. c.	05. 83	36	Miller	04. 07	20
Make-up Man	02. 32	17	Milling Machine Operator	04. 78	28
Management (see Industrial function 0 page 43.)			Millwright	05. 78	35
Management and Administrative Techniques	57. x	85	Mine Equipment Repairman	05. 83	36
Manager, Farm	03. 37	19	Mineral Extraction, n. e. c.	05. 22	32
Manager, Industry (see industry function "1" page 43.)			Minerals and Metals (Except Petroleum Products and Scrap) (Wholesale)	31. x00	63
Manicurist	02. 24	16	Mineralogy	35. x10	69
Manufacture of Miscellaneous Products	05. 12	31	Mining	45. x70	76
Manufacturing Industries	15. x	44	Mining and Construction Machinery (Manufacturing)	19. x57	51
Manufacturing Industries, Miscellaneous (Manufacturing)	26. x40	59	Mining Engineering	59. x	88
Manufacturing and Related Activities	04. 010 through	05. 189	Mining and Mining Machine Operation	05. 21	32
Marble Setter	05. 24	32	Miscellaneous Processes Manufacturing	05. 160	31
Marine Engineering	41. x	73	through	05. 189	

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Miscellaneous Products, Manufacturing through	05. 080 05. 139	Optician	05. 08
Miscellaneous Products, Manufacturing	05. 12	Optometry	25. x
Model Making, except Paper	05. 17	Orderly	02. 42
Molder, Foundry	04. 81	Ordnance and Accessories (Manufacturing)	17. x70
Motion Pictures	53. x	Ordnance Manufacturing Occupations	01. 93
Motion Pictures, n. e. c.	05. 56	Ore Dressing	04. 90
Motion Picture Film Processing Occupations	05. 86	Ore Sampler	05. 22
Motion Picture Projection	05. 55	Organ Tuning	05. 10
Motor Operation, except Railroad, Railway, and Bus	05. 40	Organic Chemistry	30. x20
Motor Transportation Occupations, n. e. c.	05. 49	Ornamental Metal Work	04. 84
Motor Vehicle Repair	05. 81	Orthopedic Technician	05. 09
Motor Vehicle and Automotive Equipment Wholesale)	27. x60	Outerwear, Children's and Infants' (Manufacturing)	16. x20
Motorcycle Manufacturing Occupations	05. 05	Outerwear, Women's and Misses (Manufacturing)	16. x09
Motorman, Street Railway	05. 41	Oysterman	03. 87
Music	88. x	<b>P</b>	
Music (including Radio)	95. x70	Packer, Animal	05. 37
Musical Instrument (Manufacturing)	26. x50	Packing, Filling, Marking, Labeling, Bottling, and Related, n. e. c.	05. 68
Musical Instrument Repairman	05. 83	Paint and Varnish Production	04. 50
<b>N</b>			
Natural-Gas Production and Crude-Petroleum (Mining)	27. x00	Paints and Varnishes (Manufacturing)	27. x76
Natural Resources, Exploiters or Government	11. x30	Painter, Gold-leaf	05. 89
Natural Sciences Statistics	34. x70	Painting	96. x00
Naval Architecture	41. x	Painting, Construction and Maintenance	05. 27
Nets and Seines Manufacturing Occupations, n. e. c.	04. 19	Painting, except Construction and Maintenance	05. 16
Newsboy	01. 58	Paleontology	35. x20
No Occupational Experience and Less than Four Years of College Education	00. 999	Paper and Allied Products (Manufacturing)	16. x80
Nonferrous Metal Production, n. e. c.	04. 92	Paper Coating and Glazing (Manufacturing)	16. x91
Nonferrous Metal Products, Miscellaneous (Manufacturing)	19. x40	Paper Goods Manufacture	04. 42
Nonferrous Metals and their Products (Manufacturing)	19. x20	Paper and Paper Goods Production	04. 429
Nonmanufacturing Activities 05. 200 through	05. 619	Paper and Paperboard Products (Manufacturing)	16. x82
Nonmetallic Mining and Quarrying	27. x10	Paper and Paper Products (Wholesale)	31. x10
Nonprocess Manufacturing n. e. c.	05. 63	Paper Products, Converted (Manufacturing)	17. x03
Nonprofit Membership Organizations (Service Industries)	44. x30	Paper and Pulp Manufacture	04. 41
Nurse, Practical	02. 38	Paperboard Containers and Boxes (Manufacturing)	16. x98
Nursemaid	02. 07	Paperhanging and Plastering	05. 28
Nurseryman, Flowers	03. 38	Paraffin Plant Occupations	04. 55
Nurses' Aide	02. 42	Parlormaid	02. 08
Nursing (Registered Nurses)	74. x	Pathology	20. x
Nutrition	14. x	Patrolman	02. 66
<b>O</b>			
Office Boy	01. 23	Pattern and Model Making, except Paper	05. 17
Office Machine Operator	01. 25	Paving Materials Manufacturing Occupations	04. 55
Office Machine Serviceman	05. 83	Paving and Roofing Materials (Manufacturing)	17. x95
Office Management	57. x10	Paymaster	01. 26
Office and Store Machines and Devices (Manufacturing)	19. x79	Pay Roll Clerk	01. 26
Officer, Police	02. 66	P. B. X. Operator	01. 42
Oil Processing Occupations, n. e. c.	04. 52	Pearl Fisherman	05. 89
Oiler, Machinery and Marine	05. 71	Peddler	01. 61
Optical Instruments (Manufacturing)	26. x44	Personal Service	02. 200 through
		Personal Service (Industries)	02. 499
		Personnel and Training	37. x40
		Petroleum	57. x20
			45. x06

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Petroleum and Coal Products (Manufacturing)	17. x90	48	Poultry Processor	04. 09	20
Petroleum and Coal Production	04. 550 through		Pouring, Smelting, and Furnace Operation	04. 91	29
Petroleum Production	04. 569	25	Powderman	05. 74	35
Petroleum Products Inspector	05. 20	31	Power Equipment Repairman	05. 53	34
Petroleum Refining	05. 76	35	Power Heat and Light (Transportation, Communication and other Public Utilities)	37. x10	70
Pharmacology and Experimental Therapeutics	04. 55	25	Power Plant Installation	56. x30	85
Philosophy	23. x	54	Power Station Operation	05. 51	33
Photoengraving	62. x	91	Powerhouse Engineer	05. 51	33
Photography	04. 47	24	Practical Nurse	02. 38	17
Phonograph Manufacture	97. x	114	President, Concern, Trade or Service (see Industrial function 1 page 43).		
Photographic Apparatus Manufacturing Occupations	04. 98	29	Press Operation	04. 48	27
Photographic Processing	05. 09	30	Printer, Photograph and Motion Picture	05. 86	36
Photography, Motion	05. 86	36	Printing Occupations	04. 440 through	04. 499
Photography, Still	97. x00	114	Printing Press Occupations	04. 48	24
Photolithographer	97. x10	114	Printing and Publishing, n. e. c.	04. 49	24
Photostat Machine Operator	04. 46	24	Printing, Publishing and Allied Industries (Manufacturing)	17. x10	47
Physical, Analytical, Inorganic, and Metallurgical Chemistry	05. 86	36	Printing and Publishing Clerk	01. 10	13
Physical Anthropology	30. x00	62	Printing and Publishing (Manufacturing)	17. x11	47
Physical Science Statistics	71. x00	97	Printing and Related Trades (Trades and Industrial Education)	89. x60	108
Physician Assistant	34. x60	68	Printing Trades Apprentice	07. 98	37
Physics and Astronomy	01. 32	14	Printing Trades, Service Industries (Manufacturing)	17. x24	47
Physiology	33. x	66	Productions (including Radio)	95. x00	112
Piano and Organ Tuning	12. x	39	Professional Athletics	95. x40	113
Pile-driver Operator	05. 10	31	Professional Education	86. x	104
Pipe Fitter	05. 23	32	Professional, n. e. c.	99. x	115
Pipe Fitter Apprentice	05. 30	32	Professional and Scientific Apparatus Manufacture, n. e. c.	05. 09	30
Pipe Maker	07. 95	37	Professional Service, n. e. c.	44. x19	75
Planing Mill Operator, n. e. c.	04. 66	26	Projectionist, Motion Picture	05. 55	34
Plant Pathology	04. 34	23	Proofreader	01. 10	13
Plant Superintendent (see Industrial function 1 or 2 page --).	90. x	109	Propeller Design and Testing	56. x50	85
Plaster Product Production	04. 67	27	Property Custodians	01. 49	14
Plaster Products, Concrete, Gypsum (Manufacturing)	18. x63	49	Protection (Fire) (Forestry)	91. x20	111
Plaster Products Occupations, n. e. c.	04. 67	27	Protective Service	02. 699	17
Plastering and Paperhanging	05. 28	32	Psychogenic Speech Disorders	76. x20	100
Plastics Products Occupations	04. 52	24	Psychology	70. x	95
Plate Printing	04. 48	24	Psychometrics and Psychophysics	70. x60	96
Plumber Apprentice	07. 95	37	Public-Assistance Administration (Social Welfare)	83. x00	103
Plumber Supplies Occupations	04. 93	29	Public Finance (Economics)	60. x40	89
Plumbing, Gas Fitting, and Steam Fitting	05. 30	32	Public Finance (Government)	11. x60	39
Plumbing, Heating Equipment and Supplies (Wholesale)	31. x20	63	Public Relations Man	57. x93	86
Policeman, except Public Service	02. 65	17	Public Safety	45. x30	76
Policeman, Public Service	02. 66	18	Public Services, n. e. c.	05. 619	34
Polisher, Glass	04. 65	26	Public Services, n. e. c.	05. 61	34
Polisher, Lens	05. 08	30	Public Utilities (Government)	11. x50	39
Polishing, Filing, Grinding, and Buffing Occupations	04. 77	27	Public Utilities Occupations	05. 51	33
Polishing Product Production	04. 70	27	Publishing Clerk	01. 10	13
Political Science	72. x	98	Publishing Occupations	04. 49	24
Porter	02. 86	18	Publishing and Printing (Manufacturing)	17. x11	47
Post Office, including Inspectors	11. x86	39	Publishing, Printing, and Allied Industries (Manufacturing)	17. x10	47
Post Office Clerk	01. 27	14	Pullman Porter	02. 91	18
Pottery and Related Products (Manufacturing)	18. x56	49	Pulp Manufacturing Occupations	04. 41	23
Pottery Worker	04. 66	26	Punch Press Operator	04. 48	24
Poultry Expert	03. 49	19	Purchasing (see Industry function 2 page 43.)		
Poultry Farmer	03. 08	18			

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Quarrying and Nonmetallic Mining	27. x10	60	Safety and Industrial Engineering	45. x	75
Quarryman	05. 22	32	Safety Promotional Activities	46. x30	77
<b>R</b>			Sailors and Deck Workers, Except U. S.		
Radio Engineering	47. x	78	Navy	05. 48	33
Radio Entertaining	95. x	112	Sales and Clerical	01.000 through	01. 999
Radio Manufacture	04. 98	29	Sales Clerk (Any Commodity)	01. 70	15
Radio Repairman	05. 83	36	Sales Clerk, Dry Cleaning and Laundry	01. 96	16
Railroad Braking and Switching	05. 38	33	Sales Engineer (see Industry function 3 page 43.)		
Railroad Clerk	01. 11	13	Sales and Kindred	01.500 through	01. 999
Railroad Equipment (Manufacturing)	26. x11	28	Sales Manager (see Industry function 3 page 43.)		
Railroad Inspector	05. 76	35	Salesman	01. 55	15
Railroad Officials	65. x40	93	Salesman, Brokerage and Commission Firms, n. e. c.	01. 52	15
Railroad and Railway Car Manufacturing Occupations, n. e. c.	05. 05	30	Salesman, Insurance	01. 57	15
Railroad Transportation Occupations, n. e. c.	05. 49	33	Salesman, Real Estate	01. 63	15
Railway Repairing	05. 79	35	Salesman, Retail	01. 80	15
Range Management	91. x	110	Salesman, Securities	01. 65	15
Rayon and Allied Products Worker	04. 51	24	Salesman, Stock and Bond	01. 65	15
Rayon and Silk Products (Manufacturing)	15. x65	45	Salesman, Wholesale	01. 85	15
Real Estate	32. x90	66	Salesperson	01. 75	15
Real Estate Salesman	01. 63	15	Salt Refinery Occupations	04. 52	24
Receiving Clerk	01. 34	14	Sand and Gravel Quarries, Pits, and Dredges (Mining)	27. x14	60
Recreation, n. e. c.	05. 56	34	Sand, Stone, and Clay Products	45. x77	76
Recreation Area and Development (Plan- ning)	88. x80	107	Sandblaster	04. 82	28
Recreation Leadership	88. x	106	Sanitary Officer	02. 66	18
Refrigeration	58. x40	87	Sanitary Ware (Manufacturing)	19. x01	50
Refrigeration Equipment Manufacturing occupations	05. 00	30	Sawmill Operation, n. e. c.	04. 31	22
Refrigerating Engineer "A"	05. 72	35	Sawmill (Manufacturing)	16. x42	46
Refrigerating Engineering	58. x	86	Saw Sharpening Occupations	05. 84	36
Religion	98. x	114	Scaler Lumber	04. 29	22
Repairman, n. e. c.	05. 83	36	Schedule Maker, Railroad	01. 11	13
Repairman, Electrical, n. e. c.	05. 83	36	Scientific and Professional Apparatus Manu- facture, n. e. c.	05. 09	30
Repairman, Electrical Automotive Equipment	05. 81	35	Scientific Instruments (Manufacturing)	26. x42	63
Repairman, Mine Equipment	05. 83	36	Scrap Metal Brokers	31. x30	59
Repairman, Meter	05. 83	36	Script Girl	01. 37	14
Repairman, Musical Instrument	05. 83	36	Sculpturing	96. x30	113
Repairman, Telephone and Telegraph and Power Equipment	05. 53	34	Sealing Machine Occupations	05. 68	35
Repair Services, Miscellaneous (Service In- dustries)	37. x70	71	Secondary Education	86. x20	104
Reporting	87. x30	106	Secretary	01. 33	14
Restaurant Managements	31. x50	64	Security and Commodity Brokers, (Finance, Insurance and Real Estate Industries)	32. x60	65
Retail Stores, Miscellaneous	31. x90	64	Seismology	35. x50	69
Retail Trade	31. x50 through	64	Servant, Household	02. 09	16
Riveter	32. x19	29	Service	02. 000 through	02. 999
Riveter, Structural	04. 95	28	Service Foreman	05. 97	37
Rodman, Surveying	04. 84	28	Service Occupations, n. e. c.	05. 59	34
Roofing Materials, Paving (Manufactur- ing)	05. 87	36	Service Trades	89. x66	108
Roofing and Slating	17. x95	48	Service Work, Telephone and Telegraph and Power	05. 53	34
Rolling Mill Occupation	05. 31	32	Serviceman, Appliances	05. 83	36
Room Clerk	04. 88	28	Serviceman Office Machine	05. 83	36
Route Driving	02. 22	16	Services and Trades	05. 550 through	05. 609
Rosin Products Occupation	05. 35	33	Services and Trades, n. e. c.	05. 59	34
Rotogravure Printing Occupations	04. 53	25	Set-up Man, Machine	04. 75	27
Rubber Goods Production	04. 49	24	Sewing Machine Operator	04. 28	22
Rubber Goods Production	04. 570 through	25	Sexton	02. 84	18
Rubber Goods Production	04. 579	25	Shearing Machine Operator	04. 88	28
Rubber Goods Production Occupations	04. 57	25	Sheet Metal Work (Manufacturing)	19. x45	51
Rubber Products (Manufacturing)	18. x00	48	Sheet Metal Worker	04. 94	29
Rugs and Floor Coverings, Carpets (Manu- facturing)	15. x84	45	Sheet Metal Working	04. 80	28
			Sheriff	02. 67	18

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Ship and Boat Building and Repairing (Manufacturing)	26. x19	59	Stock clerk.....	01. 38	14
Ship Carpenter.....	05. 25	32	Stock Salesman.....	01. 65	15
Ship Officer.....	65. x80	93	Stone, Clay, and Glass Products (Manufacturing).....	18. x40	49
Ship Painter.....	05. 27	32	Stone, Clay, and Glass Products Production..... 04. 650 through	04. 709	26
Ship Rigger.....	05. 05	30	Stonecutting.....	04. 68	27
Ship Steward.....	02. 28	17	Stone Setter (Precious Stones).....	04. 71	27
Shipping Clerk.....	01. 34	14	Stonework, Brickwork, and Tile Setting.....	05. 24	32
Shoemaking (not in factory).....	04. 60	26	Stoneworking, n. e. c.....	04. 69	27
Shoe Manufacturing Occupations.....	04. 61	26	Storage or Transportation and Warehousing (see Industrial function 4 page 43.)		
Shoe Repairing.....	04. 60	26	Storekeeping.....	05. 88	36
Shopper.....	01. 97	16	Stratigraphy.....	35. x40	69
Shovel, Crane, Derrick, Hoist Operation.....	05. 73	35	Structural Design.....	41. x10	73
Silk and Rayon Products (Manufacturing).....	15. x65	45	Structural Metal Work.....	04. 84	28
Silverware (Manufacturing).....	19. x37	50	Submarine Worker.....	05. 89	36
Silversmithing.....	04. 71	27	Sugar (Manufacturing).....	15. x28	44
Slating and Roofing.....	05. 31	32	Supervision Production (see Industrial function 1 page 43.)		
Slaughtering and Meat Packing Occupations.....	04. 09	20	Supply Packing (Transportation).....	05. 37	33
Smelting, Pouring and Furnace Operation.....	04. 91	29	Surgery General.....	24. x10	56
Smelting, Primary and Refining of Nonferrous Metals (Manufacturing).....	19. x21	50	Surgical and Medical Instruments (Manufacturing).....	26. x47	59
Smelting, Secondary and Refining of Non-ferrous Metals (Manufacturing).....	19. x28	50	Surveying Jobs, except Surveyors.....	05. 87	36
Smithing and Forging.....	04. 86	28	Surveying and Mapping.....	40. x75	72
Soap Products Occupations.....	04. 53	25	System Installation (Accounting).....	63. x60	92
Social Service Program for Special Groups (Social Welfare).....	83. x30	103	<b>T</b>		
Social Service (Government).....	11. x00	38	Tabulating Machine Operator.....	01. 25	13
Social Statistics.....	34. x80	68	Tallyman.....	01. 49	14
Social Welfare.....	83. x	102	Tallyman, Minerals.....	05. 22	32
Sociology.....	82. x	101	Tank Manufacturing Occupations.....	05. 05	30
Soft-Coal Mining and Bituminous.....	26. x90	60	Tanner.....	04. 59	26
Solderer.....	04. 95	29	Tanning Material Occupations.....	04. 52	24
Solicitor, Sales.....	01. 55	15	Taxes.....	63. x70	92
Sound (Motion Picture).....	53. x30	83	Taxi Operation.....	05. 36	33
Sound Equipment Operator.....	05. 56	34	Teamster.....	05. 37	33
Spectacle and Spectable Lens Manufacture.....	05. 08	30	Technical Clerk, n. e. c.....	01. 35	14
Speech Pathology.....	76. x	100	Technician, Agriculture.....	03. 48	19
Spice Mixer (Coffee, Tea, and Spice).....	04. 10	21	Technology (see Industrial function 5 page 43.)		
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**CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS**

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## TECHNICAL MANUAL

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT: CLASSIFICATION AND CODING OF CIVILIAN OCCUPATIONS**

**CHANGES**      WAR DEPARTMENT,  
No. 1 }      WASHINGTON 25, D. C., 5 June 1944.

TM 12-405, 30 October 1943, is changed as follows:

Title page and page 1, change "This manual, together with TM 12-206, 30 October 1943 and TM 12-207, 30 October 1943," etc. to read "This manual, together with TM 12-406, 30 October 1943 and TM 12-407, 30 October 1943," etc.

Figure 1, page 2, under instruction for use of second digit, codes 8 and 9, change "(See par. 9)" to read "(See par. 5)."

Paragraph 8, page 4, is superseded by the following:

**8. COLLEGE STUDENTS AND THOSE WITHOUT OCCUPATIONAL EXPERIENCE.** **a.** College or professional school students in the following categories who have had no occupational experience will be coded in Group "B" under the area and field of specialization in which they studied:

(1) Students who participated in or completed the last year of a prescribed program of instruction. (Whenever the words "fourth year" appear in this manual, they shall be interpreted to mean the last year of a prescribed program of instruction.)

Examples:

(a) An officer who was in his fourth year of college and who majored in Radio Engineering will be coded 47.997 (the last three digits of the code will be "997" when there is no specialization within the area).

(b) An officer who graduated from college and who majored in Electrical Engineering and specialized in Telephone Communications will be coded 51.970 (the middle or third digit "9" is always used for students regardless of any other function assigned to this number).

(c) An officer who is an ASTP graduate in Mechanical Engineering will be coded 52.997.

(d) An officer who was in his last year of a 3-year course in Pharmacology will be coded 23.997.

(e) An officer who has completed or who has participated in the last year of a premedical, pre-dental, or pre-veterinary course or who has partially completed a course leading to a degree in any of these professional fields will be coded 13.997.

(f) An officer who has completed or who has participated in the last year of a pre-law course or who has completed less than 1 year in law school will be coded 00.997.

(2) *Graduate school students.*

Example: An officer who has completed a regular 4-year college program and who has completed at least 1 year of graduate study with specialization in Public Finance will be coded 60.940, whereas one who has studied in the field of economics without any further specialization will be coded 60.997.

**b.** Officers who have had 3 years or less of a normal 4-year college program and those who have not matriculated in the last year of shorter term programs and who have had *no full time occupational experience* will be coded 00.999.

Paragraph 2, page 9, last line under *A Industries*, delete the word "operations." Code 27.x00 through 27.x09, change "Crude-Petroleum and Other Soft Coal Mining" to read "Crude-Petroleum and Natural Gas Production."

Paragraph 11, under "*B Natural Sciences and Related Fields*," change "91. Forestry and Range Management \_\_\_\_\_ 91," to read "91. Forestry and Range Management \_\_\_\_\_ 110."

Paragraph 1, page 12, insert in proper numerical sequence new Code "00.997 Student Majoring in Pre-Law (see par. 8a (1) (f))."

Paragraph 14, insert in proper numerical sequence under "*01.41 Telegraph Operators and Related*" new Code "01.412 Radio Telegrapher, Commercial and Marine."

Paragraph 16, insert in proper numerical sequence under "*Domestic Service*" new Code "02.000 Housewife (no previous history of gainful employment)."

Page 17, Code 02.610, change to read "Gatemen; Plant Protection Men."

Page 18, Code 02.664, after "Bertillon Expert" add "; Fingerprint Classifier."

Code 02.665, after "F. B. I. Investigators" add "Federal or State Special Agents." Insert in proper numerical sequence new Code "02.667 Plant Protection Inspector."

Page 21, immediately under *Manufacture of Tobacco Products* change "14.120 through 04.129)" to read "(04.210 through 04.129)."

Page 35, Code 05.763, after the word "Inspectors" add "(includes Pipe-line Inspectors.)"

Page 38, Code 11.x13, after "Old age and other social insurance" add "(Veterans Administration)." In occupational field heading for Codes 11.x30 through 11.x39, change the word "paid" to read "aid."

Page 42, Code 13.x97, after the word "specialization" add "(includes pre-medical, pre-veterinary, and pre-dental students)." Code 13.x98, change the word "Entomologist" to read "Biologist."

Page 43, under heading "FUNCTIONS FOR INDUSTRIES," change "(11) page 38" to read "(65) page 92.)"

Page 49, Code 18.x43, change "26.x40)" to read "26.x44)."

Page 51, Code 19.x70, after the word "stone-working" add "machinery; and water and sewage treatment equipment."

Page 52, Code 19.x78, after "n.e.c." add "(includes blowers, exhaust and ventilating fans)." Code 19.x91, after the word "devices" insert ", electrical measuring instruments".

Page 56, Code 23.x97, change the word "physiology" to read "pharmacy."

Page 57, Code 24.x53, change the word "Periodontia" to read "Pedodontia."

Page 58, after heading "MANUFACTURING INDUSTRIES," add "(Continued from 19.x99)." Immediately above Code 26.x00, insert occupational field heading "Electrical Machinery—Continued." Code 26.x09, after the word "machinery" insert "and insulated wire and cable."

Page 60, left-hand column, after Code 27.x15 delete heading "CONSTRUCTION INDUSTRIES." Top of page, right-hand column, change heading "CONSTRUCTION INDUSTRIES—Continued" to read "MINING INDUSTRIES—Continued." Be-

low Code 27.x29, change heading "CONSTRUCTION" to read "CONSTRUCTION INDUSTRIES."

Page 63, right-hand column, between Code 30.x99, and heading "INDUSTRIAL FUNCTIONS" insert heading "WHOLESALE TRADE—(Continued from 28.x99)." Change Code "31.09 Metals and minerals, n. e. c." to read "31.x09 Metals, minerals, coal and coke, n. e. c."

Page 64, delete Codes "31.x42 Farm supplies," "31.x45 Flowers and nursery stock," "31.x46 Rough timber products." (See Codes 28.x24, 28.x25, and 28.x26 respectively).

Page 65, Code 32.x52, after the word "investment" add "holding companies."

Page 66, immediately below Code 32.x85, change Code "31.x86" to read "32.x86."

Under heading "PHYSICS AND ASTRONOMY (33)—Continued," change third digit "7" to read "9."

Page 67, immediately below Code 33.x98, change Code "33.x90" to read "33.x99."

Page 68, under heading "GEOLOGY AND GEOPHYSICS (35)," change third digit "5" to read "Inspection and testing."

Page 75, between Code "42.x99" and heading "INDUSTRIAL FUNCTIONS," insert "SERVICE INDUSTRIES—(Continued from 37.x99)." Insert in proper numerical sequence new Code "44.x07 X-ray laboratories."

Page 79, under heading "CHEMICAL ENGINEERING (50)," change third digit "1" to read "Production, inspection and testing." Top of page, right-hand column, change heading "CHEMICAL ENGINEERING (40)—Continued" to read "CHEMICAL ENGINEERING (50)—Continued."

Page 80, under heading "ELECTRICAL ENGINEERING—Continued," change third digit "7" to read "Construction and installation, including inspection and testing."

Page 82, Code 52.x78, change the word "Nonferrous" to read "Ferrous."

Page 83, under heading "AUTOMOTIVE ENGINEERING (54)," line 10, after the word "maintenance" add "under Transportation (65.424)." Change third digit "1" to read "Production, inspection, and testing."

Page 84, at top of both left- and right-hand columns, change headings "AERONAUTICAL ENGINEERING (56)—Con." to read "AUTOMOTIVE

ENGINEERING (54)—Con.” Under heading AERONAUTICAL ENGINEERING (56),” change third digit “7” to read “Inspection and testing.”

Page 87, under heading “HEATING, VENTILATING, ETC.—Continued,” change third digit “5” to read “Installation, erection, and operation, including inspection and testing.”

Page 90, Code 61.x37, after the word “Siamese” add “; Thai.”

Page 92, under TRANSPORTATION (65), third digit “0,” change the word “overhaul” to read “overall.” Third digit “1,” delete “and locomotive engineer.”

Page 93, Code 65.x41, change to read “Traffic (rates and tariffs—railroads and/or highway carriers).”

Page 94, immediately below Code 65.x96, insert occupational field heading “*Transportation (other)*.”

Code 66.x11, after the word “exhibits” add “including window dressing.”

Page 106, immediately above Code 87.x00, change occupational field heading “*Writing*” to read “*Writing and Editing*.” Insert in proper numerical sequence new Codes “87.x24 Advertising” and “87.x98 Personnel experienced in two or more of above (italicized) fields.”

Page 107, immediately after Code 88.x55 delete Code “88.x59 Not classified above.”

Page 109, under heading PLANT PATHOLOGY, HORTICULTURE AND AGRONOMY (90), change third digit “1” to read “Inspecting and testing.”

Page 111, under heading ANIMAL SCIENCES (92), change third digit “5” to read “Inspecting (laboratory) including testing.”

Page 112, immediately below Code 92.x02, change “93.x03” to read “92.x03.”

Page 113, immediately following Code 95.x49, change “90.x50” to read “95.x50.” Code 95.x54, change to read “Horse racing and dog racing.”

Page 114, insert in proper numerical sequence new Codes “96.x91 Medical illustration including model making” and “97.x91 Medical photography.”

Page 115, under heading “GROUP B” (OTHER) (professional, managerial, and administrative) (99)—Continued,” change third digit “7” to read “Production (see functions for industries “1—Production,” Page 43).”

Page 116, insert in proper numerical sequence new Code “99.x67 Drafting, statistical.”

Alphabetical Index, page 122, change “Ballistics Expert” to read “Ballistics Expert (Crime Detection).” Page 124, change “Electronics” to read “Electronics (Electrical Engineering).” Page 126, change code following “Inspecting, Public Service, n. e. c. from “05.x” to “99.x20.” Page 128, change “Painting” to read “Painting (Art).” Change “Petroleum” to read “Petroleum (Industrial and Safety Engineering).”



# Supplemental Alphabetical Index

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Acting (Professional Entertainment)	95.x2	112	Illumination (Physics)	38.x2	67
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[A. C. 300.7 (27 May 44).]

BY ORDER OF THE SECRETARY OF WAR:

**OFFICIAL:**

**J. A. ULIO,**  
*Major General,*  
*The Adjutant General.*

**DISTRIBUTION:****"X."**

For explanation of symbols, see FM 21-6.

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**G. C. MARSHALL,**  
*Chief of Staff.*

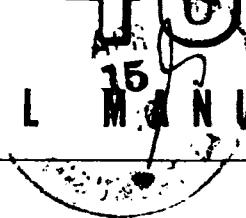




1 35:12-407  
1.35:12-406

**TM 12-406**

WAR DEPARTMENT TECHNICAL MANUAL



**OFFICER  
CLASSIFICATION,  
COMMISSIONED  
AND WARRANT**



**W A R D E P A R T M E N T T E C H N I C A L M A N U A L**

**T M 12-406**

*This manual supersedes TM 12-406, 30 October 1943, including C 1, 10 May 1944, and TM 12-407, 30 October 1943, including C 1, 10 May 1944.*

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# **OFFICER CLASSIFICATION, COMMISSIONED AND WARRANT**

## **MILITARY CLASSIFICATION AND CODING**

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**W A R D E P A R T M E N T**

**F E B R U A R Y 1 9 4 6**

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*United States Government Printing Office*

*Washington: 1946*

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WAR DEPARTMENT  
WASHINGTON 25, D. C., 8 February 1946

TM 12-406, Officer Classification, Commissioned and Warrant, is published for the information and guidance of all concerned.

[A.G. 300.7 (7 Dec 45)]

BY ORDER OF THE SECRETARY OF WAR:

OFFICIAL:

EDWARD F. WITSELL

*Major General*

*The Adjutant General*

DWIGHT D. EISENHOWER

*Chief of Staff*

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Refer to FM 21-6 for explanation of distribution formula.

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## SECTION I

### INTRODUCTION

#### I. Purpose and Objectives

a. PURPOSE. This manual provides a single, unified system whereby classification of military occupational specialties of commissioned and warrant officers may be achieved.

b. OBJECTIVES. Proper classification of military personnel by their military occupational specialties will facilitate the—

(1) Conservation of available skills through maximum utilization of the education, training, and aptitudes possessed by military personnel.

(2) Procurement of personnel possessing special knowledge and skill required in the military service by drawing upon civilian sources.

(3) Requisitioning of military personnel qualified to meet the requirements of a military assignment.

(4) Requisitioning and assignment of personnel by military or technical qualifications and grade, rather than by arm or service and grade only.

(5) The establishment of qualifications to govern eligibility of personnel for specific assignments.

(6) The establishment of a uniform system of personnel record keeping and reporting by mechanical means to increase accuracy and conserve time and effort.

(7) Selection of military personnel for retraining or vocational rehabilitation in preparation for continuation in the military service or for return to gainful civilian employment.

(8) Separation of individuals from the Service and rational demobilization to achieve fullest utilization of military occupational training and experience upon return to civilian life.

#### 2. Definition and Determination of Military Occupational Specialty

a. DEFINITION. A military occupational specialty is a group of related duties and responsibilities normally requiring special knowledge and skills acquired through formal training, experience, or education.

b. DETERMINATION OF AN OFFICER'S MILITARY OCCUPATIONAL SPECIALTY. An officer may acquire a military occupational specialty—

(1) Through successful completion of a course at a general or special service school, if it has been determined by proper authority that the course qualifies a graduate in a specialty.

(2) Through satisfactory service in a unit or installations, when, in the opinion of the immediate superior, an officer demonstrates qualification by reason of at least satisfactory performance of a specialty. Such determination must be evidenced by an efficiency rating of "Satisfactory" or better, recorded in the "Manner of Performance" column of WD AGO Form 66-1 and 66-2. Since no efficiency rating can be given until the officer has performed the duty continuously for at least 30 days, a specialty cannot be acquired in this way until it has been performed for at least 30 days.

(3) Through civilian experience, when of such a nature as to be a practical counterpart of a military occupational specialty; and when proficiency has been demonstrated to the satisfaction of his commanding officer.

c. SELECTION OF PRIMARY AND SECONDARY MILITARY OCCUPATIONAL SPECIALTY WHEN AN OFFICER IS QUALIFIED IN TWO OR MORE SPECIALTIES. In order to provide for the maximum utilization of an officer's qualifications, the following factors should be considered in the selection of the primary and secondary specialty, when it is desired to make a differentiation:

(1) Quality of performance.

(2) Length of experience or training.

(3) Recency of experience or training.

(4) Needs of the service, especially in scarce categories of required skills.

#### 3. Development of Classification Structure

a. MAJOR AND SUBGROUP DIVISIONS. The classification structure divides military occupational specialties into ten major groupings. As an aid in allocating and locating code designations and as a means of facilitating reporting and analysis of specialties, each grouping is subdivided into subgroups of related occupations. No single criterion has been followed in determining the assignment of code

numbers to the occupational specialties. As a rule, functional relationship determines the allocation of a code. Specialties related by the nature of duties performed are classified together. In addition, it is frequently necessary to give consideration to similarity in experience, education, and other qualification requirements. In some cases related qualifications determine the code position of otherwise unrelated specialties. To facilitate reference to this manual the functional groupings are outlined as follows:

*Special Codes.*

- 0001 Duties Unassigned or Not Qualified in Military Occupational Specialty.
- 0002 General Officer.
- o *Communications and Transportation.* This code includes functions primarily concerned with the installation, operation, and minor maintenance of communication and transportation systems and equipment.
  - 00 Postal Services.
  - 01 Aircraft Warning Services.
  - 02 General Communications.
  - 03 Open.
  - 04 Telephone and Telegraph.
  - 05 Radio.
  - 06 General and Motor Transportation.
  - 07 Rail Transportation.
  - 08 Marine Transportation.
  - 09 Air Transportation.
- i *Command and Combat.* This code includes functions primarily concerned with the immediate command of combat units and with specialties applicable solely or primarily to tactical operations of combat troops.
  - 10 Air Force.
  - 11 Coast and Field Artillery.
  - 12 Armored Force and Tank Destroyer.
  - 13 Engineers.
  - 14 Chemical Warfare.
  - 15 Infantry.
  - 16 Cavalry.
  - 17 Open.
  - 18 Open.
  - 19 General.
- 2 *Administrative, Executive, and Training Services.* This code includes functions primarily concerned with the executive and administrative operations of an organization.
  - 20 General Administration.
- 21 General Administration.
- 22 Personnel.
- 23 Industrial Relations and Selective Service.
- 24 Records.
- 25 Instruction and Training.
- 26 Administrative Planning and Control.
- 27 Instruction and Training.
- 28 Open.
- 29 Administrative Commands.
- 3 *Medical, Dental, Veterinary, and Other Health Services.* This code includes functions primarily concerned with the preservation of the health of military personnel and animals.
  - 30 General.
  - 31 Medical, Dental, and Surgical.
  - 32 Veterinary.
  - 33 Laboratory and Scientific.
  - 34 Nursing and Allied Services.
  - 35 Medical Unit Commands.
  - 36 Other Health Services.
  - 37 Open.
  - 38 Open.
  - 39 Open.
- 4 *Procurement, Supply, Maintenance, and Repair Services.* This code includes functions primarily concerned with the purchase, procurement, maintenance, repair, storage, and distribution of supplies and equipment.
  - 40 General.
  - 41 Subsistence.
  - 42 Quartermaster and Sales Service.
  - 43 Procurement and Contracting Services.
  - 44 Supply and Distribution.
  - 45 Supply and Distribution.
  - 46 Salvage.
  - 47 Warehousing and Allied Services.
  - 48 Maintenance and Repair Shop Services.
  - 49 Miscellaneous.
- 5 *Welfare and Special Services.* This code includes functions primarily concerned with the morale of military personnel such as religious, educational, athletic, and entertainment activities.
  - 50 General.
  - 51 Open.
  - 52 Music, Theater, and Motion Pictures.

- 53 Religion.
- 54 Publication and Publicity.
- 55 Education.
- 56 Recreation.
- 57 Welfare.
- 58 Open.
- 59 Miscellaneous.

**6 Fiscal, Accounting, and Budgeting.** This code includes functions primarily concerned with accounting and auditing, fiscal and budgetary control, and economic and statistical analysis.

- 60 General.
- 61 Accounting.
- 62 Finance.
- 63 Fiscal.
- 64 Statistical.
- 65 Open.
- 66 Open.
- 67 Open.
- 68 Open.
- 69 Open.

**7 Professional Engineering and Related Technical Services.** This code includes functions primarily concerned with professional engineering and technical services.

- 70 General.
- 71 Construction and Maintenance Engineering.
- 72 Marine Engineering.
- 73 Chemistry and Chemical Engineering.
- 74 Industrial Engineering and Production Services.
- 75 Mechanical and Aeronautical Engineering.
- 76 Electrical Engineering, General.
- 77 Communications Engineering.
- 78 Communications Engineering.
- 79 Civil Engineering.

**8 Professional, Subprofessional, and Scientific Services.** This code includes functions primarily concerned with professional and subprofessional activities other than engineering, chemistry, medicine, and others classifiable elsewhere.

- 80 General.
- 81 Legal.
- 82 Meteorology.
- 83 Open.
- 84 Open.
- 85 Photography.
- 86 Open.

- 87 Open.
- 88 Open.
- 89 Open.

**9 Protective, Intelligence, and Investigative Services.** This code includes functions primarily concerned with the protection and custody of personnel and matériel, and with military intelligence matters.

- 90 General.
- 91 Law Enforcement.
- 92 Protection and Security.
- 93 Intelligence and Investigation.
- 94 Fire Protection and Prevention.
- 95 Camouflage.
- 96 Cryptanalysis.
- 97 Open.
- 98 Open.
- 99 Open.

**b. ASSIGNMENT OF CODE DESIGNATION.** Each military occupational specialty is given a four-digit code; the first digit represents the major group; the second, the subgroup; the other two, the position of the military occupational specialty within the subgroup.

**c. LEVEL OF RESPONSIBILITY.** This manual provides for classification of officers along functional lines without regard to unit of assignment or level of responsibility. Specialties which represent functions commonly performed at various levels of responsibility are described without reference to grade or echelon. For example, the command of combat engineer troops is a functional specialization performed at various echelons ranging from platoon to regiment. A code and title, 1331 "Combat Engineer Unit Commander" is used to report and record the specialty regardless of echelon of command. However, a fifth digit code (sec. IV) is provided for indicating organizational level when reporting present duty. It is also intended that an officer's grade will generally denote the level of responsibility. It is obvious, for example, that a lieutenant (1331) is performing a specialty at a lower level of responsibility than a major (1331), although in the same chain of command.

#### **4. Organization and Interpretation of Job Specifications**

**a. BASIS FOR JOB SPECIFICATION.** The specifications contained in this manual are based upon an analysis of military duties performed by commissioned and warrant officers. Material used in their preparation was submitted by the arms and serv-

ices, obtained by questionnaires or interviews, and compiled from current Army publications.

b. ORGANIZATION OF A JOB SPECIFICATION. (1) Each job specification contained in this manual is composed of several or all of the following elements.

(a) A descriptive title and code, consistent with other titles.

(b) A statement of predominant duties and responsibilities including typical tasks falling within the occupational functions.

(c) A statement of special qualifications indicating knowledge and skills required for adequate performance of the specialty.

(d) Military experience.

(e) Civilian experience.

(f) Educational requirements.

(g) Source jobs indicative of civilian sources from which personnel may be drawn with qualifications which will permit assignment with the least training and preparation.

(2) When any of the above elements do not contribute to a greater understanding of the military occupational specialty or do not add significantly to the qualification requirements, these items are omitted from the job specification. Thus, for example, the educational factor is not mentioned if not more than a general high school education is required. However, technical school or other specific requirements are included.

(3) The degree to which qualifications are necessary for proper performance of a specialty is indicated by "essential" or "must," "very desirable" or "should," and "desirable." Possession of additional qualifications is always desirable but unless it is normally associated with a specialty and contributes to better performance, this factor is omitted. Thus, prior military experience is not indicated unless it adds materially and directly to the officer's ability to perform the duties indicated.

c. INTERPRETATION OF JOB SPECIFICATION. (1) The job specifications are intended as an aid and guide in assisting classification officers in the determination of an appropriate code designation for a given set of duties and responsibilities, and to uniformly interpret and implement the regulations pertaining to personnel classification and reporting. They do not restrict authority of commanding officers to change or prescribe additional duties and responsibilities of subordinates. The objective has been to develop clear, usable, and manageable specifications rather than make each one an indivisible unit. Differences in duties which do not affect seri-

ously their treatment as a unit in classification and assignment work have been disregarded. The specifications are not detailed and complete statements of the duties and responsibilities of a specific duty assignment but describe typical tasks normally associated with the functional specialty.

(2) The classification of occupational specialties does not produce a system whereby every duty assignment can be found through a routine process of following an index. Sound judgment is required in applying the mechanical details of this classification structure. Consideration is not to be given to isolated phrases or sentences apart from their context.

(3) Cases may arise in which strict interpretation of civilian or military education and experience qualifications indicated by "must" and "essential" will prevent otherwise qualified individuals from being classified in the proper military occupational specialty. It is undesirable to encourage a general relaxation of standards established by the various arms and services to determine eligibility for classification in a specialty.

d. USE OF OTHER TITLES. Classification titles as herein provided are intended for use in all official procedures relating to procurement, assignment, requisitioning, and reporting of personnel by means of military occupational specialties. This does not preclude the use, for other purposes, of titles prescribed by regulations or in common usage.

## 5. Differentiation Between Present Duty and Military Occupational Specialty

A present duty assignment does not, by itself, qualify an officer for a military occupational specialty. Before a specialty is acquired, an officer must meet the requirements set forth in paragraph 2. The present duty of an officer may not necessarily be identical with his military occupational specialty. An officer may have a military occupational specialty of Field Artillery Unit Commander (1193) but be performing a present duty of Mess, Supply and Transportation Officer (4113) in a truck-drawn field artillery battery. For reporting purposes, a military occupational specialty will be indicated by the appropriate four-digit code, and a present duty by the appropriate four-digit code plus a fifth-digit designating level of performance (see sec. IV).

## 6. Use of Alphabetical Index

The index contains a complete cross-index of the military occupational specialties included in TM

12-406. The titles appearing in capital letters are the exact designations found in sections II and III. For all recording and reporting purposes, use only proper titles, that is, those appearing completely capitalized. The titles in lower case letters with initial capitals only are rearrangements of the title. In addition, former proper titles of specialties previously published in AR 605-95 (tentative) and its supplements, but appearing in this manual under a revised title, are included to facilitate easy reference to the new titles. A title cannot be completely descriptive of a specialty. It is important, therefore, that reference be made to the content of the specification before a code and title are selected.

## 7. Coding of General Officers

A special code (0002) has been provided for reporting military occupational specialties of general officers. However, all present duty assignments of such officers will be reported under a five digit duty code. For example, the military occupational specialty of a major general would be reported as (0002) whereas the duty of the same major general when commanding a motorized infantry division would be reported as Infantry Unit Commander (1542-1).

## 8. Coding of Officer Not Assigned Duties and Officer Not Qualified in a Military Occupational Specialty

a. DUTIES UNASSIGNED. When an officer is not assigned specific duties by the commanding officer but is awaiting assignment or is a casual at the installation, present duty code is not designated. Instead, a special code (0001) is used for reporting purposes to indicate the status of the officer; that is, no duty assigned.

b. When an officer has not acquired a military occupational specialty in accordance with paragraph 2, a specialty is not designated. Instead, a special code (0001) is used for reporting purposes to indicate absence of primary or secondary military occupational specialty.

## 9. Coding of Assistants and Executive Officers

Since the classification structure provides for the determination of military occupational specialties by function, officers performing duties similar to those of officers whom they assist are to be assigned the same military occupational specialty. Thus, assist-

ants, executive officers, and others whose duties are functionally the same as those of their immediate superiors by virtue of their nature and responsibility, receive the same classification. The fifth-digit suffix (see sec. IV) provides a means whereby a distinction can be made between the chief or commanding officer and his immediate subordinate officers. However, this procedure is not to be employed when an officer is delegated subordinate duties which are classifiable as another specialty.

## 10. Coding of Instructors

a. It is not feasible to develop job specifications for the many instructional duties performed by officers. A careful analysis of instructor specialties has shown that the field of instruction, both in kind and scope, usually parallels the functional performance of a military occupational specialty, and hence may be represented by the same code. For example, it appears that the skills and knowledge represented by an Ammunition Supply Officer (4514) and an instructor in the same field are sufficiently alike, except for personality and other factors not classifiable herein, to permit classification by the same code. A fifth-digit code (o) is used to report present duty of instructors but not for recording primary or secondary military occupational specialty, for example, Ammunition Supply Officer (4514-o). In this way, the essential, basic military capacities of an instructor will be recorded without unreasonable multiplication of classifications.

b. There are, however, a number of teaching specialties, such as Instructor, Public Speaking; Instructor, Welding; and Instructor, Military Government, which do not have functional counterparts and these are coded specifically by the teaching specialty.

## 11. Coding of Student Officers

Full-time present duty in a student capacity will be indicated by a special code (2700) when reporting present duty assignment. Thus, the present duty of an officer pursuing studies in a school and of an officer engaged full time in attending a refresher course, student auditing, observing, or other student activity will be reported by the above designated code. This specification number will not be used for those officers who are assigned temporarily to an officer pool pending permanent assignment (see specification No. 0001).

## **12. Coding of Officers performing Combination of Duties**

a. With few exceptions, two or more specialties have not been combined under one code and title. Only when combined duties are an integral and usually inseparable part of an assignment such as Reconnaissance and Survey Officer (1183), have they been treated as a military occupational specialty.

b. The present duty of officers performing two or more specialties will be determined by the relative importance of the duties on the basis of level of responsibility involved and time devoted to each. For example, a battalion executive officer who also serves as battalion S-3 should be reported as having present duty of the former. Likewise, various additional duties should be disregarded and only the principal duty reported.

### **13. Code Changes and Deletions from AR 605-95 (tentative)**

Appendix I contains a list of those code numbers which appeared in AR 605-95 (tentative) and its supplements, or those otherwise authorized for use which have been deleted from this classification manual. Included in this section are suggested substitutions for those codes no longer to be used. These suggestions are not exhaustive and are not to be applied mechanically in making code changes. When a recommended substitution does not seem to apply to a particular set of duties and responsibilities, the classifying officer should make a careful review of the related job specifications to select a code and title. When no substitution is indicated, it will be necessary to follow the same procedure as required when making an original determination of military occupational specialty.

#### **14. Suggested Additions or Revisions of Titles and Specifications**

In order to maintain an up-to-date manual, additions, changes, corrections, and revisions will be made from time to time. The cooperation of classification officers is essential in keeping subject matter in this manual current with new developments. Suggestions as to additions and revisions are welcome. Such recommendations should be forwarded,

through channels, to The Adjutant General, in accordance with the following form:

To: The Adjutant General, Classification and Replacement Branch, Washington 25, D.C.

From:

**Subject:** Suggested changes in military occupational specialties (TM 12-406).

## **OFFICER'S JOB SPECIFICATION**

1. TITLE:
  2. CODE:
  3. Duties and Responsibilities of Job (indicate commissioned specialists under whose direction the job is performed and commissioned and enlisted specialists over whom command or supervision is exercised; state typical tasks in detail explaining specifically what, why, and how, including tactics, weapons, tools, equipment, or matériel involved).
  4. Special Qualifications (state in detail special job knowledge, techniques, abilities, training, and other characteristics not elsewhere described which are required to perform the job).
  5. Military Requirements (state special or general service school, on-the-job training, or previous military experience required to perform the job, including, where applicable, the MOS from which this specialty is developed, and the substantial differences in skills, experience, training, or other factors).
  9. Reference Citation (T/O, FM, TM, AR, etc.).

**Note:** State the minimum qualifications required for satisfactory performance of the job. Describe the job. Do not describe the qualifications of the incumbent.

## **15. Classification of Medical Corps Officers**

Appendix II contains instructions for classification and changes in classification of Medical Corps officers. The provisions of paragraph 2b (2) are not applicable to Medical Corps officers.

## **16. Coding of Warrant Officers**

Appendix III contains instructions for the classification of warrant officers in accordance with the subject in which examined. (See AR 610-10 and 610-15.)

**SECTION II**  
**NUMERICAL LIST OF MILITARY OCCUPATIONAL  
 SPECIALTIES**

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<i>Code</i>	<i>Page</i>	<i>Code</i>	<i>Page</i>
0001 DUTIES UNASSIGNED OR NOT QUALIFIED IN M.O.S. ....	25	0160 RADAR FILTER OFFICER .....	28
0002 GENERAL OFFICER .....	25	0200 COMMUNICATIONS OFFICER.	28
0003 RELIEVED FROM DUTY, SICK IN HOSPITAL AS PATIENT..	25	0210 SIGNAL OFFICER .....	28
0004 RELIEVED FROM DUTY, SICK, ABSENT FROM POST .....	25	0213 POST SIGNAL OFFICER .....	29
0005 RELIEVED FROM DUTY, ON DETACHED SERVICE .....	25	0214 PORT SIGNAL OFFICER .....	29
0009 SPECIAL ASSIGNMENT .....	25	0215 SIGNAL OFFICER, BASIC.....	29
0015 COURIER OFFICER .....	25	0220 SIGNAL CENTER OFFICER....	29
0030 POSTAL OFFICER .....	25	0221 SIGNAL CENTER OFFICER, FIELD .....	30
0102 AIRCRAFT WARNING PLOT- TER OFFICER .....	26	0222 SIGNAL CENTER OFFICER, FIXED STATION .....	30
0110 AIRCRAFT WARNING OFFI- CER, GROUND REPORTING EQUIPMENT .....	26	0224 SIGNAL CENTER OFFICER, CRYPTOGRAPHIC .....	30
0115 AIRCRAFT WARNING GROUND OBSERVER OFFI- CER .....	26	0225 RADIO INTELLIGENCE OFFI- CER .....	30
0120 AIRCRAFT WARNING OFFI- CER, GUNLAYING AND SEARCHLIGHT EQUIPMENT	26	0240 PIGEON OFFICER .....	31
0130 AIRCRAFT WARNING OFFI- CER, AIRBORNE EQUIP- MENT .....	26	0250 SOUND AND LIGHT OFFICER	31
0140 RADAR OFFICER .....	26	0260 TELEPHONE AND TELE- GRAPH MAINTENANCE OF- FICER .....	31
0141 ELECTRONICS OFFICER .....	27	0400 TELEPHONE AND TELE- GRAPH OFFICER .....	31
0142 RADAR OBSERVER, BOM- BARDMENT (Designated Set).	27	0410 TELEPHONE AND TELE- GRAPH OFFICER, INSIDE PLANT .....	32
0145 RADAR MAINTENANCE AND REPAIR OFFICER .....	27	0420 TELEPHONE AND TELE- GRAPH OFFICER, FIELD LINE CONSTRUCTION .....	32
0151 RADAR OFFICER—SPECIAL (AH-1) .....	28	0430 TELEPHONE AND TELE- GRAPH OFFICER, OUTSIDE PLANT .....	32
		0434 TELEPHONE AND TELE- GRAPH OFFICER, SUBMA- RINE CABLE .....	32

<i>Code</i>		<i>Page</i>	<i>Code</i>		<i>Page</i>
0435	SUBMARINE CABLE STATION OFFICER .....	33	0642	MOTOR TRANSPORT PLANNING OFFICER .....	39
0500	RADIO OFFICER .....	33	0650	MOTOR VEHICLE DISTRIBUTION OFFICER .....	39
0501	RADIO OFFICER, FIELD .....	33	0660	TRUCK OFFICER .....	40
0502	RADIO OFFICER, FIXED STATION .....	33	0661	CAR OFFICER .....	40
0503	RADIO OFFICER, VHF .....	33	0662	DUMP TRUCK OFFICER .....	40
0520	RADAR OBSERVER, NIGHT FIGHTER .....	34	0668	AMPHIBIAN TRUCK OFFICER .....	40
0532	COMMUNICATIONS OFFICER—SPECIAL (AH-2) .....	34	0690	TRANSPORTATION SUPERINTENDENT .....	41
0533	RADIO OFFICER—SPECIAL (AH-3) .....	34	0700	RAIL TRANSPORTATION OFFICER .....	41
0534	RADIO OFFICER—SPECIAL (AH-4), STAFF .....	34	0706	TRAINMASTER .....	41
0590	RADIO-CONTROLLED TARGET AIRPLANE OFFICER .....	35	0707	RAIL TRANSPORTATION REGULATING OFFICER .....	41
0600	MOTOR TRANSPORT OFFICER .....	35	0709	STATIONMASTER .....	42
0604	TERMINAL TRAFFIC INSPECTOR .....	35	0715	RAILWAY MAINTENANCE OF WAY SUPERINTENDENT...	42
0605	WHEEL VEHICLE MAINTENANCE OFFICER .....	35	0716	RAILWAY BRIDGE AND BUILDING SUPERVISOR .....	42
0606	TRACK VEHICLE MAINTENANCE OFFICER .....	36	0717	RAILWAY TRACK SUPERVISOR .....	43
0607	TRAFFIC CONTROL OFFICER .....	36	0718	RAILWAY SIGNAL MAINTENANCE SUPERVISOR .....	43
0609	MOTOR TRANSPORTATION REGULATING OFFICER .....	36	0720	ROAD FOREMAN, RAILROAD ENGINES .....	43
0610	FREIGHT TRANSPORTATION OFFICER .....	37	0721	RAILWAY WATER SERVICE SUPERVISOR .....	43
0611	PASSENGER TRANSPORTATION OFFICER .....	37	0730	YARDMASTER .....	43
0612	PASSENGER AND FREIGHT TRANSPORTATION OFFICER .....	37	0735	RAILWAY MASTER MECHANIC .....	44
0614	MOTOR TRANSPORTATION MOVEMENT OFFICER .....	37	0736	RAILWAY CAR FOREMAN....	44
0615	HIGHWAY TRAFFIC ENGINEER .....	38	0737	ENGINEHOUSE FOREMAN....	44
0631	STABLE OFFICER .....	38	0740	RAILWAY DISPATCHER ....	45
0632	PACK OFFICER .....	38	0750	RAILWAY OPERATIONS SUPERINTENDENT .....	45
0634	WAGON OFFICER .....	39	0753	RAILWAY CAR SERVICE SUPERINTENDENT .....	45
0640	MAIL TRANSPORTATION OFFICER .....	39	0754	RAILWAY EQUIPMENT SUPERINTENDENT .....	45
			0761	ELECTRIC RAILWAY POWER TRANSMISSION SUPERINTENDENT .....	45

<i>Code</i>		<i>Page</i>	<i>Code</i>		<i>Page</i>
0801	HARBOR MASTER .....	46	1030	BOMBARDIER, RADAR, LAB (Designated Set) .....	53
0804	STEVEDORE OFFICER .....	46	1034	NAVIGATOR .....	53
0806	CARGO OPERATIONS OFFICER .....	46	1035	BOMBARDIER .....	53
0807	DOCK ORDNANCE OFFICER..	46	1036	NAVIGATOR-BOMBARDIER ...	54
0808	ARMY TRANSPORT CONTROL OFFICER .....	47	1037	NAVIGATOR-BOMBARDIER, RADAR, LAB (Designated Set). .	54
0809	BOARDING OFFICER .....	47	1042	PERSONAL EQUIPMENT OFFICER .....	54
0810	TRANSPORT PASSENGER OFFICER .....	47	1050	PILOT, RADIO CONTROLLED TARGET (PQ TYPE) .....	54
0812	SHIP TRANSPORTATION OFFICER .....	47	1051	PILOT, TWO-ENGINE .....	54
0813	PORT STEWARD .....	48	1054	PILOT, SINGLE-ENGINE .....	55
0815	SUPERINTENDENT, WATER DIVISION .....	48	1055	FIGHTER PILOT, SINGLE- ENGINE .....	55
0816	PIER SUPERINTENDENT.....	48	1056	FIGHTER PILOT, TWO- ENGINE .....	55
0818	PIER OFFICER .....	48	1058	NIGHT FIGHTER PILOT, TWO- ENGINE .....	55
0820	MASTER OR MATE .....	49	1061	TACTICAL RECONNAISSANCE PILOT, SINGLE-ENGINE....	56
0823	MARINE ENGINEER .....	49	1062	PHOTO RECONNAISSANCE PILOT, TWO-ENGINE .....	56
0825	SMALL BOAT UNIT COM- MANDER .....	49	1066	HELICOPTER PILOT .....	56
0830	INLAND WATERWAYS TRANSPORTATION REGU- LATING OFFICER .....	49	1081	PILOT, B-25 .....	56
0910	AIR TRANSPORTATION REGULATING OFFICER.....	50	1082	PILOT, B-26 .....	56
0911	WEIGHT AND BALANCE OFFICER .....	50	1083	PILOT, A-26 .....	57
0913	PRIORITIES AND TRAFFIC OFFICER, AIR .....	50	1091	PILOT, B-17 .....	57
0915	SERVICE PILOT, SINGLE ENGINE .....	51	1092	PILOT, B-24 .....	57
0916	SERVICE PILOT, TWO ENGINE	51	1093	PILOT, VERY HEAVY BOMBER	57
0917	SERVICE PILOT, FOUR ENGINE .....	51	1094	PILOT, B-32 .....	57
1013	AIR BASE COMMANDER.....	51	1102	COAST ARTILLERY UNIT COMMANDER .....	57
1014	CONTROLLER, FIGHTER IN- TERCEPTION .....	51	1105	RAILWAY COAST ARTILLERY UNIT COMMANDER .....	58
1022	BOMBER PILOT, TWO ENGINE	52	1112	BARRAGE BALLOON UNIT COMMANDER .....	58
1024	PILOT, FOUR ENGINE .....	52	1113	BARRAGE BALLOON CON- TROL OFFICER .....	59
1026	GLIDER PILOT .....	52	1116	BARRAGE BALLOON ENGI- NEER .....	59
1028	FLIGHT ENGINEER OFFICER.	52			
1029	AERIAL OBSERVER .....	52			

<i>Code</i>	<i>Page</i>	<i>Code</i>	<i>Page</i>
1122 UNDERWATER RANGING UNIT COMMANDER .....	59	1193 FIELD ARTILLERY UNIT COMMANDER .....	65
1132 SEARCHLIGHT UNIT COM- MANDER .....	59	1194 PACK FIELD ARTILLERY UNIT COMMANDER .....	65
1143 SUBMARINE MINE UNIT COMMANDER .....	60	1195 AIRBORNE FIELD ARTILLERY UNIT COMMANDER .....	66
1154 SOUND AND FLASH OBSE- Rvation UNIT COMMANDER	60	1197 ARMORED FIELD ARTILLERY UNIT COMMANDER .....	66
1159 COAST ARTILLERY OFFICER, STAFF .....	60	1199 FIELD ARTILLERY OFFICER, STAFF .....	66
1160 HARBOR DEFENSE UNIT COMMANDER .....	61	1203 TANK UNIT COMMANDER....	66
1161 HARBOR ENTRANCE CON- TROL POST OFFICER .....	61	1204 ARMORED RECONNAISSANCE UNIT COMMANDER .....	67
1164 GROUND RANGING UNIT COMMANDER .....	61	1205 ARMORED MORTAR UNIT COMMANDER .....	67
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## SECTION III

### CODES, TITLES, AND SPECIFICATIONS

#### DUTIES UNASSIGNED OR NOT QUALIFIED IN MOS (0001)

This special code is to be used for machine record purposes, to—

a. Report present duty status of an officer who has not been given a specific duty, whether assigned to the unit or attached, unassigned, or,

b. report, for completion of MOS column, the fact that the officer has not acquired an MOS. This code may be used to report absence of secondary MOS if officer has only a primary MOS.

#### GENERAL OFFICER (0002)

This special code is to be entered for primary and secondary military occupational specialties of officers in grade of brigadier general, or higher.

#### RELIEVED FROM DUTY, SICK IN HOSPITAL AS PATIENT (0003)

"This special code is to be used for machine records purposes only to report the duty status of an officer, assigned or attached unassigned to a unit, who has been relieved from duty while sick in hospital as a patient."

#### RELIEVED FROM DUTY, SICK, ABSENT FROM POST (0004)

"This special code is to be used for machine records purposes only to report the duty status of an officer assigned or attached unassigned to a unit, who has been relieved from duty while sick, absent from post."

#### RELIEVED FROM DUTY, ON DETACHED SERVICE (0005)

"This special code is to be used for machine records purposes only to report the duty status of an officer, assigned or attached unassigned to a unit, who has been relieved from duty while performing detached service with another organization."

#### SPECIAL ASSIGNMENT (0009)

This special code will be used only after clearing each specific case by letter with The Adjutant Gen-

eral, Classification and Replacement Branch, to—

a. Report present duty of an officer performing as a primary duty, for a period of 30 days or more, a function not classified elsewhere in this manual.

b. Report military occupational specialty of an officer qualified in a highly skilled and exceedingly uncommon specialty not classified elsewhere in this manual.

#### COURIER OFFICER (0015)

Carries diplomatic and Army secret and confidential mail pouches, documents, maps and other classified material; insures safe and timely delivery of messages to authorized persons; selects most convenient route by air, motor, or ship.

Must be thoroughly familiar with precautions necessary to protect classified documents.

Military experience essential.

Civilian travel experience in foreign countries desirable.

#### POSTAL OFFICER (0030)

Directs or supervises postal operations of a tactical unit or fixed installation. Establishes operating procedures for timely delivery of mail, proper disposal of undeliverable items and settlement of problems in connection with lost, stolen, or damaged mail; sets up methods and schedules of distribution and maintains standard pouch records; makes arrangements for the accurate disposition of registered, special delivery, and insured mail; schedules assignments to adjust work loads of personnel; makes reports and recommendations for improvement of postal service; requisitions personnel and supplies; arranges for transportation of mail and provides for necessary postal guards to accompany valuable mail; supervises preparation of correspondence on various problems concerning operations. May direct the preparation of an officer and civilian directory and locator system to furnish information on location and movement of personnel. May issue permits for exemptions from regulations. May organize and operate a motor dispatch service, and supply information on amount of space available.

for mail directed to or from theaters of operation. May supervise processing of microfilm V-mail, checking facsimiles for quality of reproduction.

Must possess thorough knowledge of postal organization and administration and postal practices.

Experience in supervisory post positions essential.

#### SOURCE JOBS

Postmaster	Postal Inspector
Postal Supervisor	Mail Superintendent

#### AIRCRAFT WARNING PLOTTER OFFICER (0102)

Commands and supervises a unit in observing and plotting movement of aircraft within locator or visual range; maintains liaison by radio, telephone, and other means of communication with other interceptor officers; trains observers, plotters, and other personnel.

Military experience essential, including combat tactics (Army Air Forces) and communication field experience.

Civilian experience in a supervisory or managerial capacity desirable.

#### AIRCRAFT WARNING OFFICER, GROUND REPORTING EQUIPMENT (0110)

Supervises the installation, operation, and maintenance of radio sets such as SCR-270, SCR-271, SCR-516, and SCR-527. Inspects radio equipment and supervises repairs; advises commanding officer on radio matters pertaining to reporting equipment; trains radio section personnel; prepares requisitions for supplies and personnel; supervises the preparation of records and reports.

Military experience desirable. Should have complete course in Signal Corps Aircraft Warning.

Civilian experience in radio communication or engineering desirable.

Should be college graduate with degree in electrical engineering or electronics, or with specialization in electronic physics.

#### SOURCE JOBS

Electrical Engineer	Repeater Telephone Engineer
Radio Engineer	Radio Technician
Electronic Physicist	Licensed Radio Amateur
Sound Research Engineer	

#### AIRCRAFT WARNING GROUND OBSERVER OFFICER (0115)

Commands and supervises a unit in observing,

recognizing, identifying, and reporting visible and audible activities of hostile and friendly forces in the air, on land, or on sea. Supervises the installation, operation, and maintenance of ground observer posts, associated relay stations, and the communication system; supervises repairs and part replacements on radio, visual, and telephone equipment issued to unit; trains personnel in recognition and identification of aircraft, surface seacraft, combat vehicles, and foreign uniforms; determines capabilities and limitations of ground observation coverage in assigned area.

Must be able to read and interpret military maps and aerial photographs. Must have a general knowledge of wire radio, and visual communications. Should have a general knowledge of the entire Aircraft Warning System.

Military experience including knowledge of infantry tactics essential. Should have completed an Aircraft Warning Recognition or Identification Course in addition to a Radio Officer's Course and have completed an Aircraft Warning Ground Observer Course.

Civilian experience in supervision of installation and operation of a wire or radio communications system desirable.

#### AIRCRAFT WARNING OFFICER, GUNLAYING AND SEARCHLIGHT EQUIPMENT (0120)

Supervises the installation, operation, and maintenance of radio sets such as SCR-268A, SCR-296, SCR-541, and SCR-545. Inspects radio equipment and supervises repairs; advises commanding officer on radio matters pertaining to gunlaying and searchlight equipment; trains radio section personnel; prepares requisitions for supplies and personnel; supervises the preparation of reports and records.

Military experience essential. Should have completed course in Signal Corps Aircraft Warning.

Should be college graduate with degree in electrical engineering or electronics, or with specialization in electronic physics.

#### SOURCE JOBS

Electrical Engineer	Repeater Telephone Engineer
Radio Engineer	Radio Technician
Electronic Physicist	Licensed Radio Amateur
Sound Research Engineer	

## AIRCRAFT WARNING OFFICER, AIRBORNE EQUIPMENT (0130)

Supervises the installation, operation, and maintenance of radio sets such as SCR-315, SCR-518, SCR-520, SCR-521, SCR-540, and similar sets. Inspects radio equipment and supervises repairs; advises commanding officer on radio matters pertaining to airborne equipment; trains radio personnel; prepares requisitions for supplies and personnel; supervises the preparation of all records and reports.

Military experience essential. Should have completed course in Signal Corps Aircraft Warning.

Civilian experience in radio communication and radio engineering desirable.

Should be college graduate with degree in electrical engineering or electronics, or with specialization in electronic physics.

### SOURCE JOBS

Electrical Engineer	Radio Technician
Radio Engineer	Repeater Telephone
Electronic Engineer	Engineer
Electronic Physicist	Licensed Radio
Sound Research Engineer	Amateur

## RADAR OFFICER (0140)

Supervises the location of radar equipment, selection of site, and the installation, operation, and maintenance of a radar operating unit. Maintains liaison with civil authorities and interested public utilities; coordinates activities of the station with associated arms; is responsible for command, local administration, and technical operation of station. May serve as staff officer specializing in radar operations.

Military experience essential. Should include Signal Corps School Radar Course.

Civilian supervisory experience in radio or telephone carrier and technical repeater work desirable.

Should have at least 2 years of college courses leading to an electrical engineering degree or other courses in radio or telephone engineering.

### SOURCE JOBS

Telephone Engineer	High Frequency Aviation
Radio Engineer	Radio Engineer
Telephone Carrier and	Electrical Design Engineer
Repeater Engineer	Radio Technician
Electrical Research	Sound Engineer
Engineer	

## ELECTRONICS OFFICER (0141)

Supervises first and second echelon maintenance including repairing, testing, cleaning, adjusting, and operating all types of electronics equipment (communications, radar, etc.) used by the Army Air Forces with the exception of those types peculiar to the Aircraft Warning Service; advises unit commander regarding the employment of radar devices. May supervise field installation of electronics equipment.

Completion of Army Air Forces Technical School prescribed course for electronics officer or equivalent training essential.

College training in electrical engineering or advanced physics desirable.

This specialty was formerly designated as Radio Officer (S), and Radar Officer, Air.

### SOURCE JOBS

Communications Engineer	Electrical Engineer
Radio Engineer	

## RADAR OBSERVER, BOMBARDMENT

### (Designated Set) (0142)

Operates, adjusts, and performs flight maintenance on designated radar equipment such as H2X and associated equipment. Determines position of airplane with respect to predetermined ground location by means of radar for the accurate placing of bombs on the target through overcast; interprets the radar scope presentation obtaining accurate information for fixes, altitude, air plots, winds, ground speeds, and track and transmits this information to the Pilot, Navigator and Bombardier.

Must be familiar with the employment of bomb-sight equipment and the principles of DR navigation.

Completion of AAF technical school prescribed course for radar observer, bombardment or equivalent military training essential. Must be physically qualified for combat flight duty under the provisions of AAF Regulation 50-7.

## RADAR MAINTENANCE AND REPAIR OFFICER (0145)

Supervises repair and maintenance of radar equipment. Makes continuous tests to determine the causes of defects in equipment and methods for improving construction; determines the quantity and quality of materials required to make adequate repairs; sets up systems to obtain essential data on endurance of materials.

Must possess detailed knowledge of the nature of technical problems which occur in electrical engineering.

Must be graduate of the Army Electronics Training Center Course or a Signal Corps Radar Course.

Civilian experience in electrical engineering desirable.

College training in some branch of electrical engineering desirable.

#### SOURCE JOBS

Electrical Engineer  
Radio Technician

Radio Engineer  
Radar Specialist

#### RADAR OFFICER—SPECIAL (AH-1) (0151)

Directs the installation, operation, and maintenance of special radar equipment used in conjunction with radar operations; prepares requisitions for supplies and personnel; inspects equipment and supervises repairs or modifications; directs preparation of records and reports; advises commanding officer on all matters pertaining to special radar equipment.

Military experience including completion of Signal Corps Course in installation, operation, and maintenance of special radar equipment essential. Completion of Aircraft Warning Courses at Signal Corps School desirable. G-2 clearance essential.

Civilian experience in radio communications or radio engineering desirable.

Should be high school graduate with additional training in electrical engineering or radio communications.

#### SOURCE JOBS

Radio Operator  
Radio Technician  
Radio Repairman

Radio Engineer  
Licensed Radio Amateur

#### RADAR FILTER OFFICER (0160)

Supervises the operation of the radar filter center or radar filter functions in the control and filter center. Advises the controller on matters pertaining to the ground radar system; coordinates the radar filter function and the ground radar system with the proper activities at the control and filter center; controls the tactical operations of the various radar and ground observers to secure information as to positions, courses, numbers, speeds, and heights of aircraft, at the proper time.

Must pass color vision test. Must be capable of supervising filter center personnel and making quick decisions regarding probable positions, courses, numbers, speeds, and heights of aircraft from the data received at the control and filter center.

Military experience should include graduation from a radar filter course. Additional school or on the job training as an area and/or GCI controller desirable.

Civilian experience in positions requiring alertness, quick thinking, and ability to make decisions based upon quickly observed data desirable.

Should be college graduate with training in trigonometry and map reading.

#### COMMUNICATIONS OFFICER (0200)

Directs or supervises the installation, operation, and maintenance of the signal communication agencies of a unit other than Signal Corps. Trains unit personnel in use of communication equipment; maintains efficient communication within a unit and with attached and supported units; establishes communication agencies as wire communication, radio communication, visual signaling, signal centers, and messengers; supervises the enforcement of radio silence when in effect and provides for the use of runners and mounted messengers; supervises training of personnel in radio operation and maintenance, use of codes, construction and maintenance of wire circuits, use of visual signals such as flags, flares, and rockets, and signal center operation and maintenance.

Must have thorough tactical and technical knowledge to insure establishment of necessary signal communication agencies according to tactical plans. Must be a specialist in Army signal communication systems.

Military experience essential and should include graduation from an officers' communication school.

Trade school or college training in electrical communication desirable.

#### SOURCE JOBS

Radio Repairman  
Wire Chief  
Telephone Inspector

Radio Engineer  
Radio Technician  
Sound Engineer

#### SIGNAL OFFICER (0210)

Directs or supervises the construction, installation, operation, maintenance, and supply of a communication system. Supervises tactical location of

communication centers and installation of facilities and equipment; prepares routine and combat orders relating to signal communication; supervises operation of signal and message facilities including wire, radio, visual and pigeon; commands tactical operations and administration of photographic units; supervises establishment and operation of maintenance and repair facilities; provides for signal supplies and the keeping of records and reports. May perform executive, administrative, and planning functions in an overhead installation and advise commanding officer and staff on signal matters.

Must have a knowledge of the operation of a tactical military communication system. Should have advanced training in signal operations and be thoroughly familiar with the combat utilization of all types of Signal Corps equipment and facilities.

Military experience in staff positions essential. Should have served as a staff officer and commanded Signal Corps troops. Should be a graduate of Command and General Staff School.

Civilian experience in the management and operation of a radio, telephone, or telegraph system highly desirable.

Should be a college graduate in electrical or communication engineering.

#### SOURCE JOBS

Radio Engineer  
Research Engineer, communications  
Sound Engineer

Telephone Engineer  
Television Engineer  
Electrical Engineer

#### POST SIGNAL OFFICER (0213)

Exercises administrative and technical supervision of a communication system at a military post, camp, or station including the signal center of the organization. Supervises cryptographing and decryptographing of communications; coordinates the procurement of equipment and supplies and the operation of signal maintenance and repair facilities; makes technical inspections and recommendations for the care and utilization of all equipment; supervises personnel keeping Signal Corps records and preparing reports; maintains liaison with commercial communication companies.

Should have experience with military signal units and be familiar with Army organization, including completion of Signal Corps Wire or Radio Course, or other pertinent courses at Signal Corps schools.

Civilian supervisory or technical experience in the

field of radio, telephone, or telegraph engineering desirable.

Should be a college graduate with a degree in electrical engineering, specializing in communication.

#### SOURCE JOBS

Communications Engineer Telephone or Telegraph  
Radio Engineer Engineer

#### PORT SIGNAL OFFICER (0214)

Directs or supervises signal activities at a port or subport. Plans for adequate communication facilities; directs the repair, maintenance, and inspection of radio equipment and related supplies within the port or on Army transports; arranges schedules and frequencies to be used for handling signal traffic; advises signal officer at the next port of call of changes in sailing schedules; coordinates the functions of subports and ports and directs necessary inspections. May direct operation of a Transport Radio Operators' School.

Military experience desirable.

Civilian technical and supervisory experience in commercial telephone, telegraph, or radio engineering desirable.

Should hold a degree in electrical engineering and have additional training in communication engineering, or the equivalent technical supervisory experience in commercial telephone, telegraph, or radio engineering.

#### SOURCE JOBS

Communications Engineer Telephone or Telegraph  
Radio Engineer Engineer

#### SIGNAL OFFICER, BASIC (0215)

Supervises those functions of a field communication unit or staff organization in a lower echelon which do not require Signal Corps specialist training or experience.

Must be a graduate of the Signal Corps Officers' Candidate School, or have had similar basic military training.

Civilian supervisory experience in electrical or mechanical communication desirable.

#### SIGNAL CENTER OFFICER (0220)

Commands a large fixed signal center. Supervises the training of personnel including duty censors and operators of telephone, telegraph, radio, telephoto,

radiotype, and teletype equipment; directs and supervises the cryptographing and decryptographing of messages; determines the final disposition of all communications violating security regulations; supervises keeping of records and preparation of reports; coordinates activities of signal center with appropriate public utilities; supervises requisition of supplies; keeps commanding officer informed of the location and means available for the transmission of messages; prepares and revises operating procedures; uses both military and civilian methods of word count.

Must be thoroughly familiar with civilian communication practices and rates. Must be able to read maps and aerial photographs.

Cryptographic clearance essential.

Military experience essential.

Civilian supervisory experience in radio, telephone, or telegraph traffic analyses and in handling correspondence and messages desirable.

Training in business administration desirable.

#### SOURCE JOBS

Office Supervisor  
Communications Man

Radio Operator

#### SIGNAL CENTER OFFICER, FIELD (0221)

Commands a mobile signal center. Directs and supervises the cryptographing and decryptographing of messages and determines the final disposition of communications violating security regulations; keeps commanding officer informed of the location and means available for transmission of messages; selects most appropriate method of transmitting messages to meet existing field conditions including the employment of runners, use of wire and radio communication, and other means available to the center; supervises training of personnel; supervises the keeping of records and the preparation of reports; supervises the requisitioning of supplies.

Must be able to read maps and aerial photographs. Should have a thorough knowledge of Army organization.

Cryptographic clearance essential.

Military experience essential.

Civilian supervisory experience in radio, telephone, or telegraph traffic analysis and in handling correspondence and messages desirable.

Training in business administration desirable.

#### SOURCE JOBS

Radio Operator  
Office Supervisor

Communications Man

#### SIGNAL CENTER OFFICER, FIXED STATION (0222)

Organizes and directs the operations of a fixed signal center at a military post, camp, or station to insure accurate and speedy delivery of all messages. Supervises the cryptographing and decryptographing of messages and determines final disposition of all communications violating security regulations; coordinates the activities of the signal center with commercial companies; writes new and revises current procedures of operation; supervises training of all supervisory and operating personnel including duty censors, radio, radiotype, telegraph, and teletype operators; supervises the keeping of records and preparation of reports; requisitions supplies and repairs.

Must be able to read maps and aerial photographs. Should have thorough knowledge of Army organization.

Cryptographic clearance essential.

Military experience essential.

Civilian supervisory experience in handling correspondence and messages desirable.

Training in commercial or business administration desirable.

#### SOURCE JOBS

Radio Operator  
Office Supervisor

Communications Man

#### SIGNAL CENTER OFFICER, CRYPTOGRAPHIC (0224)

Directs and supervises a cryptographic unit in a signal center. Supervises the cryptographing and decryptographing of messages; provides for secure storage of cryptographic material; examines messages for violation of cryptographic security; supervises preparation of reports and keeping of records.

Cryptographic clearance essential.

Military training in cryptography essential.

Civilian experience supervising clerical workers desirable.

Training in business administration desirable.

#### SOURCE JOBS

Office Supervisor  
Radio Operator

Communications Man

#### RADIO INTELLIGENCE OFFICER (0225)

Commands a radio intelligence organization in the interception of enemy radio traffic, location of enemy

radio stations, and monitoring of friendly radio stations. Forwards intercepted enemy radio traffic and radio bearings to higher headquarters; makes recommendations for security of friendly radio communication.

Should have a thorough knowledge of International Morse Code.

Military training in radio intelligence work essential. Should be a graduate of Signal Corps Radio School and Signal Corps company officers' course.

Civilian experience in radio communication and engineering desirable.

#### SOURCE JOBS

Radio Engineer	Communications Engineer
Electrical Engineer	Radio Operator

#### PIGEON OFFICER (0240)

Commands and supervises a signal pigeon unit. Supervises the breeding, care, training, and use of homing pigeons as messengers; coordinates loft training and facilities with the training requirements of troops; trains loft personnel; provides facilities for troop training; keeps records and prepares reports.

Should be thoroughly acquainted with the tactical employment and limitations of pigeons used by the several branches of the Army. Should know the various types of homing pigeons needed, the kind of strains used by other governments, and the reliability and flying speeds of homing pigeons under various climatic conditions.

Military training at Signal Corps school essential. Civilian experience in pigeon breeding essential.

#### SOURCE JOBS

Pigeon Breeder	Fancier
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#### SOUND AND LIGHT OFFICER (0250)

Commands a signal unit equipped to install, maintain, and operate sound and light equipment.

Must be familiar with signal operation instructions and techniques, and application of sound and light equipment.

Should have civilian experience in operating sound recording and transmitting devices, telephoto and facsimile equipment, public address systems, and optical signaling devices.

College degree in electrical engineering desirable.

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#### SOURCE JOBS

Motion Picture Sound Engineer	Telephoto Engineer
Motion Picture Light Engineer	Sound Engineer
	Electrical Engineer

#### TELEPHONE AND TELEGRAPH MAINTENANCE OFFICER (0260)

Supervises the repair and maintenance of telephone, telegraph, and teletypewriter signal equipment. Observes operating performance of equipment and refers data to higher echelons for the use of design engineers; improvises substitutes to meet demands of specific field conditions; supervises repairs and field tests; requisitions replacement parts, tools, and other maintenance items; trains personnel in prescribed procedures.

Must know permissible substitutes for equipment parts and be skillful in improving repairs in the absence of standard equipment.

Military experience in field operation of such equipment essential. Should have completed a Signal Corps company officers' specialist course.

Civilian experience in maintenance and repair of communication equipment essential.

#### SOURCE JOBS

Telephone or Telegraph Repairman

#### TELEPHONE AND TELEGRAPH OFFICER (0400)

Directs or supervises personnel engaged in the construction, installation, operation, and maintenance of telephone and telegraph facilities and equipment in a military communication system. Coordinates the activities of the wire, switchboard, and teletypewriter crews; supervises the preparation of operating schedules so that the system will be adequately staffed at all times; supervises the maintenance of both inside and outside plant equipment; supervises the training of personnel; requisitions materials and personnel for the unit.

Military training and experience essential. Should include company officers' specialist course at Signal Corps Officers' School or equivalent experience.

Civilian supervisory experience in construction and installation of a telephone or telegraph system desirable.

College degree in communication or electrical engineering desirable.

## SOURCE JOBS

Communications Engineer Telephone or Telegraph  
Electrical Engineer Repairman

### TELEPHONE AND TELEGRAPH OFFICER, INSIDE PLANT (0410)

Directs or supervises personnel engaged in the installation, operation, and maintenance of telephone and telegraph inside plant equipment. Coordinates the activities of wire, switchboard, and teletype-writer crews to insure proper functioning of the station; inspects equipment to forestall trouble and to locate faulty equipment; supervises adjustments and repairs; trains operating personnel in the use and care of equipment; requisitions material and personnel.

Military training and experience essential. Should include company officers' specialist course at Signal Corps School.

Supervisory experience in installation or maintenance of inside equipment in commercial telephone or telegraph system very desirable.

College training in communication engineering desirable.

## SOURCE JOBS

Wire Chief Traffic Engineer  
Equipment Engineer Telephone or Telegraph  
Chief Deskman Installation Engineer

### TELEPHONE AND TELEGRAPH OFFICER, FIELD LINE CONSTRUCTION (0420)

Commands and supervises personnel engaged in the construction and maintenance of telephone and telegraph field lines in combat areas, as directed by communications officer. Locates field lines to meet the needs of the combat unit; trains operating personnel in the use and care of equipment and directs the activities of repair crews; inspects field equipment to forestall faulty operations; supervises replacement of faulty equipment; prepares requisitions for personnel and matériel.

Military training essential. Should have completed a Signal Corps company officers' specialist course.

Civilian supervisory experience in construction and maintenance of commercial wire communication desirable.

Vocational or technical school training desirable.

## SOURCE JOBS

Telephone and Telegraph Telephone and Telegraph  
Line Foreman Construction Foreman

### TELEPHONE AND TELEGRAPH OFFICER OUTSIDE PLANT (0430)

Commands and supervises personnel engaged in the construction and maintenance of outside telephone and telegraph facilities of commercial types for military purposes including open wire pole line, aerial cable, buried cable, and wire lines. Lays out construction work; organizes and directs construction and repair crews; trains personnel in line construction and cable splicing; prepares periodic reports on repair and construction work progress; prepares requisitions for matériel and personnel.

Military experience including Signal Corps company officers' specialist course very desirable.

Civilian supervisory experience in the construction and maintenance of long lines outside plant desirable.

Should be graduate of vocational or technical school; graduation from communication engineering school desirable.

## SOURCE JOBS

Superintendent of tele- Communications Engineer  
phone or telegraph  
company

### TELEPHONE AND TELEGRAPH OFFICER, SUBMARINE CABLE (0434)

Commands and supervises personnel engaged in laying and maintaining a submarine cable for telephone and telegraph communication. Trains and directs cable crews in the laying and splicing of cable; determines location of cable in accordance with requirements, directs assignment of repair crews; prepares requisitions for matériel and personnel.

Military experience essential. Should include a Signal Corps company officers' specialist course.

Civilian supervisory experience in laying submarine cable with telephone, telegraph, or transoceanic cable company essential.

## SOURCE JOBS

Cable Engineer Communications Engineer

## SUBMARINE CABLE STATION OFFICER (0435)

Directs and supervises the installation, operation, and maintenance of a submarine cable terminal station. Supervises use of electronic submarine cable equipment, siphon recorders, multiplex equipment, and automatic printers; directs manual signaling using Morse and cable codes; supervises inspection of equipment to forestall faulty operations; supervises trouble location tests on submarine cable; directs training of operating and maintenance personnel; directs preparation of requisitions for personnel, matériel, and maintenance and repairs to be performed by higher echelons; supervises preparation of records and reports.

Military experience desirable.

Supervisory experience in commercial cable, radio, or telegraph operation, or experience as a licensed operator desirable.

Should be a vocational or technical school graduate. Must have completed the Siphon Recorder School and Submarine Cable Maintenance School Courses of a telegraph company. College training in electrical engineering desirable.

### SOURCE JOBS

Cable or Radio Engineer	Telephone or Telegraph Carrier and Repeater Engineer
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## RADIO OFFICER (0500)

Commands and supervises a field radio unit or fixed radio station. Directs the location, installation, operation, and maintenance of stationary, mobile, or portable radio equipment; inspects equipment to forestall operating difficulties; requisitions maintenance and repairs to be performed by higher echelons; trains personnel in radio operation and maintenance, preparation of requisitions for matériel and personnel, and maintenance of records and reports. May serve as staff officer on radio matters.

Military experience should include a Signal Corps company officers' specialist course.

Civilian experience in amateur or commercial radio operation desirable.

Should be graduate of vocational or technical school; degree in electrical engineering or radio communication desirable.

### SOURCE JOBS

Radio Engineer	Radio Maintenance Supervisor Radio Operator
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## RADIO OFFICER, FIELD (0501)

Commands and supervises a radio field unit. Supervises the location, installation, operation, and maintenance of mobile or portable radio equipment; inspects radio equipment and supervises maintenance work performed by the unit; trains unit personnel; prepares requisitions for matériel and personnel; supervises the maintenance of records and reports. May serve as staff officer on radio matters.

Military experience in Signal Corps communication desirable, including completion of radio course.

Civilian experience in amateur or commercial radio operation very desirable.

Should be graduate of vocational or technical school; degree in electrical engineering or radio communication desirable.

### SOURCE JOBS

Radio Engineer	Radio Maintenance Supervisor Radio Operator
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## RADIO OFFICER, FIXED STATION (0502)

Commands and supervises the construction, installation, operation, or maintenance of a fixed radio station. Supervises the handling of radio communication; supervises the inspection of equipment to forestall faulty operation; directs the preparation of requisitions for matériel and personnel; supervises maintenance work handled by the unit and requisitions maintenance and repairs performed by higher echelons; trains personnel; supervises the preparation of records and reports.

Military experience should include a Signal Corps company officers' specialist course.

Civilian experience in amateur or commercial radio operation desirable.

Should be a vocational or technical school graduate; college training in electrical engineering or radio communication desirable.

### SOURCE JOBS

Radio Engineer	Radio Maintenance Supervisor Radio Operator
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## RADIO OFFICER, VHF (0503)

Commands and supervises a VHF radio unit. Installs, operates, and maintains very high-frequency radio equipment used to monitor aircraft; supervises the selection of site and the location of radio direction finding equipment; coordinates the activities of

the station with attached intercept units; maintains liaison with civilian authorities and interested public utilities; inspects and tests equipment; supervises the preparation of requisitions for supplies and equipment.

Military experience in communication desirable. Should be graduate of a Signal Corps company officers' radio specialist course with specialized training in VHF equipment.

Civilian experience in radio and radio telephone design and operation desirable.

Should be vocational or technical school graduate. College training in communication engineering desirable.

#### SOURCE JOBS

Radio Engineer	Telephone or Telegraph
Airlines Communication Engineer	Carrier and Repeater Engineer

#### RADAR OBSERVER, NIGHT FIGHTER (0520)

Operates and performs first echelon maintenance on radio and radar sets and equipment such as SCR-522, SCR-274, SCR-720, SCR-729, SCR-695, AN/APG-1 and AN/APN-1.

Must be physically qualified for combat flight duty, nonpilot.

Completion of basic technical training course and operational training for this specialty under Army Air Forces Training Command essential.

This specialty was formerly designated as Radar Observer (I).

#### COMMUNICATIONS OFFICER— SPECIAL (AH-2) (0532)

Formulates plans and advises commanding officer on recommended action for handling radio traffic. Receives decisions from commander and issues necessary instructions and verifies that they are properly carried out; conducts necessary liaison with other units concerning such activities; supervises maintenance of radio traffic records and preparation of reports.

Military experience in Signal Corps communications essential. Should be graduate of Signal Corps School radio course. Must have completed special Signal Corps course dealing with such activities. G-2 clearance essential.

Civilian experience as commercial or amateur radio operator desirable.

Should be high school graduate with special training in statistics.

#### SOURCE JOBS

Radio Operator	Statistician
Statistical Clerk	

#### RADIO OFFICER—SPECIAL (AH-3) (0533)

Supervises the installation, operation, and maintenance of special radio equipment used in conjunction with radio communication; prepares requisitions for supplies and personnel; inspects equipment and supervises repairs or modifications; directs preparation of records and reports; advises commanding officer on all matters pertaining to special radio countermeasures equipment.

Military experience essential, should include completion of Signal Corps School radio course. Must have completed Signal Corps course dealing with special radio equipment. G-2 clearance essential.

Civilian experience as commercial or amateur radio engineer highly desirable.

Should be high school graduate with additional training in electrical engineering or radio communications.

#### SOURCE JOBS

Radio Operator	Radio Engineer
Radio Technician	Licensed Radio Amateur
Radio Repairman	

#### RADIO OFFICER—SPECIAL (AH-4) STAFF (0534)

Advises commander and staff on all matters pertaining to special radio and radar activities and prepares plans for and supervises such activities. Collects and analyzes information, in conjunction with other interested groups, for use in preparation of plans; conducts necessary liaison for effective execution of operations; determines special tactical equipment requirements, coordinates procurement, and supervises installation; directs the maintenance of technical and operational records and the preparation of reports.

Broad military experience with signal or aircraft warning units essential. Should include completion of Signal Officer's advanced course or other pertinent courses at Signal Corps School and in addition should have completed Signal Corps School Radio Course or Aircraft Warning courses. Must have completed special Signal Corps course dealing with such activities. G-2 clearance essential.

Civilian supervisory or technical experience in radio engineering or communications very desirable. College or special training in radio essential.

#### SOURCE JOBS

Radio Technician Radio Laboratory Technician	Radio Research Engineer Radio Engineer
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#### RADIO-CONTROLLED TARGET AIRPLANE OFFICER (0590)

Operates a radio-controlled target airplane from the ground while target is in flight without safety pilot therein. Operates airplane target during tracking and target practice by use of radio remote control; supervises repair and maintenance of airplane target and related equipment, such as airplane motor, radio receiver and transmitter, servo unit, parachute and catapult; supervises operational crew and trains additional crews; supervises recovery of airplane target after flight; prepares requisitions for parts replacements and supplies and renders reports on operations and deficiencies of equipment.

Basic technical knowledge of radio, combustion engines, and elementary aerodynamics very desirable.

Military experience in antiaircraft artillery gunnery very desirable.

#### MOTOR TRANSPORT OFFICER (0600)

Supervises operation, inspection, and maintenance of motor vehicles in a unit. Supervises training in operation, minor maintenance, and tactical employment of vehicles; makes inspections to determine condition of vehicles and insure proper preventive maintenance; anticipates maintenance requirements and keeps informed of location of facilities for major repair and parts supply; assigns tasks and dispatches vehicles; directs or supervises movement of vehicles in convoy operation; supervises hauling of supplies from distribution points to unit dumps or warehouses and between points within the unit; advises commanding officer on motor transport problems; keeps records on equipment and supplies and performs other administrative duties; is responsible for prompt and safe delivery of passengers or cargo. May command a section in division trains.

Should be familiar with fuel and parts supply, operation and driver maintenance of passenger vehicles, cargo trucks, trailers, and weapon carriers.

Completion of motor school course in arm or service to which assigned is desirable.

Civilian experience in the management of a motor transportation service involving problems of supply, dispatch, and maintenance of automotive equipment is desirable.

#### SOURCE JOBS

Automobile Mechanic Automobile Service Manager	Motor Traffic Manager Motor Freight Dispatcher or Manager
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#### TERMINAL TRAFFIC INSPECTOR (0604)

Directs the inspection of rail, water, highway, and plant terminals to determine adequacy of facilities for loading, unloading, and movement of materials and supplies. Reports on traffic conditions at plants, terminals, and other points handling war supplies; inspects loading facilities, terminal lay-outs, rail-yards, motor terminals and docks of inland water carriers; checks on delays and congestion; maintains accurate records of all significant operations.

Civilian experience supervising the control of terminal and line-haul movement of freight traffic involving procurement and control in transit of all types of transportation equipment very desirable.

#### SOURCE JOBS

Traffic Engineer	Traffic Manager
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#### WHEEL VEHICLE MAINTENANCE OFFICER (0605)

Supervises wheel vehicle maintenance and repairs which do not require machine-shop facilities. Supervises the basic and advanced instruction of vehicle drivers and the basic, technical, and tactical training of motor maintenance personnel; assigns repair tasks and supervises their performance; makes inspections to determine repair or replacement requirements and adequacy of repairs accomplished; keeps informed of location and availability of facilities for machine-shop repair and motor parts supply operated by higher echelons; maintains stock records and requisitions supplies and replacement parts; keeps records of maintenance operations and prepares reports; makes recommendations for improvement of motor maintenance and transport operations.

Should be familiar with fuel and parts supply, operation, and minor repair of wheel vehicles. Must

be able to supervise groups of men engaged in the "stripping down" of motor vehicles, the salvaging and reconditioning of interchangeable parts with the use of hand tools, and the reassembling of vehicles with replacement parts.

Military experience essential. Should have motor school training in arm or service to which assigned.

Civilian experience as automotive mechanic or shop foreman and automotive trade school training desirable.

#### SOURCE JOBS

Automobile Mechanic      Garage Foreman  
Automobile Service Manager

#### TRACK VEHICLE MAINTENANCE OFFICER (0606)

Directs or supervises wheel and track vehicle maintenance and repairs which do not require machine shop facilities. Organizes crews and instructs personnel in maintenance of vehicles of unit; assigns repair tasks, supervises their performance, and makes inspections to determine quality of work; determines expedients to be used in emergency repairs in the field, and supervises repair crews; keeps informed of location and availability of facilities for machine-shop repair and motor parts supply operated by higher echelons; inspects vehicles periodically and keeps a detailed record of the condition of each vehicle; keeps detailed record of spare parts and tool supply and submits requisitions for needed parts and tools; supervises care of tools; makes inspections of maintenance work performed in subordinate units.

Must be familiar with all echelons of repair and have a knowledge of the capabilities of each echelon.

Military experience essential. Must have completed Armored Force School tank maintenance course or have equivalent in practical experience. Should have considerable tactical experience with the type of unit to which assigned.

Several years' civilian experience in motor vehicle maintenance desirable.

#### SOURCE JOBS

Automobile Mechanic      Garage Foreman  
Automobile Service Manager

#### TRAFFIC CONTROL OFFICER (0607)

Directs and plans traffic control of military movements in specified areas in accordance with tactical

requirements, to prevent road congestion and assure safety and free movement of traffic. Issues necessary regulations, procedures, and circulation maps for the proper execution of prescribed traffic plans; supervises traffic movements and makes recommendations on traffic control and road improvements; investigates vehicular accidents, determines their cause, and institutes corrective measures; collects data necessary to formulate adequate control plan and makes field reconnaissance when necessary; maintains liaison with other staff officers and makes suggestions to engineers regarding road construction and placement of traffic control devices. May assist civil authorities in traffic control when troop movements are in progress.

Military experience desirable.

Civilian experience should include practical experience in handling traffic movements, preferably with a traffic division of a large municipal police department.

#### SOURCE JOBS

Police Traffic Officer      Traffic Engineer  
Traffic Inspector

#### MOTOR TRANSPORTATION REGULATING OFFICER (0609)

Regulates supply and personnel movements by motor transport. Maintains regularity and smooth movement of supplies and replacements to and evacuation of casualties, prisoners, and salvage from the combat zone; prevents congestion to permit uninterrupted maneuver of supplies and troops in rear of the combat forces; keeps informed on military plans and intentions, location of military units and establishments, motor transport needs of troops, availability of motor transport, conditions of road traffic, and desired location of supply points; arranges for movement of motor traffic between depots or holding and reconsignment points and railheads or other supply points; advises on the selection of sites for truckheads, taking into consideration facilities for unloading supplies, road net suitable for operation of motor transport, and storage space for reserve supplies; issues orders for specified motor transport tonnage to be kept on call in designated areas and may require physical pooling of motor transport at designated places; recommends general plans of allocation and employment of available motor transport not organically assigned to troop units; determines most effective utilization of equipment to meet demands for supply and personnel movements; keeps

detailed plans prepared for employment of large scale motor transportation; maintains liaison with principal motor transport movement officers; establishes and enforces motor traffic priorities; is responsible for movement by motor transport of class I truckhead and reserves from site of old to new truckheads. May perform similar functions in the zone of the interior.

Must have a knowledge of loading, dispatching, routing, and control of motor freight in transit.

Military experience desirable.

Should have civilian experience in one or more fields of motor transportation, such as highway planning and traffic engineering concerned with efficient movement of cargo and passenger vehicles; state or municipal highway traffic administration; fleet operations of motor vehicles handling large volume of diversified freight and involving problems of loading, dispatching, routing, and control of motor freight in transit.

College training in traffic engineering desirable.

#### SOURCE JOBS

Highway Planning Engineer	Motor Transport Superintendent
Traffic Engineer	Motor Transport Consultant

#### FREIGHT TRANSPORTATION OFFICER (0610)

Directs the routing, planning, and dispatch of all freight shipments to consigned areas by motor, air, water, or rail. Routes shipment of materials and supplies from production points to destination; supervises planning of traffic schedules; investigates delay in movement of supplies and issues instructions for correction of conditions; inspects materials for damage or breakage and arranges for replacement or repair; contacts representatives of various agencies; expedites movement of goods consigned to ports of oversea units.

Civilian experience in a railroad, steamship, or other transportation agency or with a large industrial concern directing shipments of freight desirable.

#### SOURCE JOBS

Traffic Manager	Travel Agent
Freight Manager	Ticket Agent
Freight Handler	Railway Express Clerk

#### PASSENGER TRANSPORTATION OFFICER

(0611)

Plans and schedules passenger transportation by air, rail, motor, or water. Plans and prepares itineraries; makes reservations and accommodations for passengers; issues transportation requests for civilian and military personnel; contacts transportation agencies to determine available accommodations; arranges special chartered service for movement of casuals and disability cases; maintains records and prepares reports; advises on troop movements and arranges with transportation agencies for essential equipment.

Civilian experience in a transportation agency involving coordination of staff assignments, setting up operating procedures, and supervising transportation operations desirable.

#### SOURCE JOBS

Traffic Manager	Passenger Agent
Travel Agent	Ticket Agent

#### PASSENGER AND FREIGHT TRANSPORTATION OFFICER (0612)

Directs the routing and dispatch of freight shipments and the scheduling of passenger transportation to consigned areas by air, rail, water, or motor. Plans and selects traffic schedules and routings; supervises the investigation of delays in supply movements and inspection of damaged materials; supervises the preparation of itineraries, arrangements for reservations, and issuance of transportation requests; contacts representatives of various transportation agencies to arrange for essential equipment and determine available accommodations for troop movements and freight shipments.

Civilian administrative experience in a railroad, steamship, or other transportation agency or with any industrial concern in the dispatch and control of freight shipments or passenger travel desirable.

#### SOURCE JOBS

Traffic Manager	Travel Agent
Freight Manager	Ticket Agent
Passenger Agent	Railway Express Clerk

#### MOTOR TRANSPORTATION MOVEMENT OFFICER (0614)

Plans and supervises the use of motor transport not organically assigned to troop units. Schedules

or controls road movement priorities; establishes methods to assure timely arrival of cargo at destinations; advises services on selection and improvement of dumps or depots from standpoint of transport and unloading problems to insure minimum delay, recommends changes in cargo vehicle types or quantities in area under his jurisdiction; prevents convoy conflicts, congestion, and waste of cargo or passenger space; plans and arranges for communication facilities; arranges for adequate signs and markers to direct truck drivers to destination.

Must have a knowledge of loading, dispatching, routing, and control of motor freight in transit.

Military experience desirable.

Should have civilian experience in one or more fields of motor transportation, such as highway planning and traffic engineering concerned with efficient movement of cargo and passenger vehicles; state or municipal highway traffic administration; fleet operations of motor vehicles handling large volume of diversified freight and involving problems of loading, dispatching, routing, and control of motor freight in transit.

College training in traffic engineering desirable.

#### SOURCE JOBS

Highway Planning

Engineer

Motor Transport Superintendent

Motor Transport

Consultant

Traffic Engineer

#### HIGHWAY TRAFFIC ENGINEER (0615)

Directs plans to route vehicular traffic including materials, supplies, and personnel, through city streets and along highways in such a manner as to prevent accidents, to lessen traffic congestion, and to assure safe and prompt movement of wartime traffic. Studies traffic conditions; conducts experiments with tentative or sample plans on less busy streets and highways; directs studies of traffic loads and causes of accidents; determines means of remedying causes of accidents; makes necessary reports and draws conclusion from traffic data compiled from various sources; coordinates activities of highway officers in the zone area and establishes liaison between related agencies.

Must have extensive progressive experience in highway engineering fields, including experience in phases of highway design, construction, and maintenance as related to highway traffic problems; must be experienced in highway traffic planning and the design and installation of traffic control facilities;

should have working knowledge of Federal, State, and local Government agencies concerned with highway transportation problems.

Military experience desirable.

Must have college degree in civil engineering or equivalent in practical experience.

#### SOURCE JOBS

Civil Engineer

Motor Transportation

Engineer

Highway Superintendent

Public Safety Director

#### STABLE OFFICER (0631)

Supervises the grooming, feeding, exercising, treating, conditioning, and training of horses and mules; supervises training of enlisted personnel; supervises general stable management and maintenance of equipment; directs preparation of requisitions for supplies and keeping of supply records.

Military experience essential. Should include 6 months' experience in military horsemanship or animal husbandry.

Civilian experience in handling, conditioning, training, feeding, and treating of horses desirable.

#### SOURCE JOBS

Horseman

Horse Breaker, Draft

or Saddle

Horse Breeder

Horse Trainer

Horse Wrangler

Horseman, Show

#### PACK OFFICER (0632)

Commands and supervises personnel engaged in transporting military equipment and supplies by pack animals. Supervises the care, conditioning, feeding, and training of horses and mules of the unit; supervises the segregation, allocation, and adjustment of loads to insure pack transportation efficiency; keeps unit records on pack operations and supervises the supply of the unit; inspects unit equipment and matériel for proper maintenance.

Must have a knowledge of animal husbandry and be thoroughly familiar with the fundamentals of pack transportation.

Military training in remount duties essential.

Civilian experience as a packer or guide with dude ranch operators, expeditions, and similar enterprises requiring the use of pack animals desirable.

## SOURCE JOBS

Packer                                  Guide, animal pack  
Forest Ranger                         transportation

### WAGON OFFICER (0634)

Commands a wagon unit and is responsible for hauling cargo and for administration, transportation, training, supply and unit security. Instructs and supervises personnel in maintenance and repair of vehicles, harness, and equipment, training of animals, and in methods of stowing cargo in wagons; prepares schedules and supervises assignment of duties and dispatching of wagon vehicles to insure timely and safe delivery of cargo; inspects wagon, harness, tools, and other equipment as to fitness for field service; supervises keeping of appropriate records and reports.

Must be able to direct and supervise road repairs. Must have thorough knowledge of efficient methods of packing and stowing cargoes for wagon transportation, stable management, principles of horse-shoeing, and care and management of horses and mules, including ability to care for sick and injured animals.

Military experience in transport and supply functions with remount training very desirable.

Civilian experience in animal transport desirable.

## SOURCE JOBS

Wagon Master                         Packmaster  
Wagon-Train Master                   Stable Superintendent

### MAIL TRANSPORTATION OFFICER (0640)

Formulates administrative procedures and directs mail routing operations for the expeditious transportation of mail. Evaluates requests and arranges for special service shipments and increased space allotments through contact with transportation agencies; cooperates with the United States Government post offices on suitable methods of transportation; prepares periodic reports and makes recommendations for improvement in procedures; advises War Department agencies on mail transportation.

Civilian experience in supervisory postal position essential.

## SOURCE JOBS

Postal Inspector                      Postmaster  
Postal Supervisor

## MOTOR TRANSPORT PLANNING

### OFFICER (0642)

Plans motor transport operations based upon detailed analysis of reports and maps pertaining to road transport. Analyzes reports, maps, and other data and summarizes data, graphically or otherwise; prepares reports on road transport conditions and requirements, and recommends types of equipment to be used, such as trucks, tractors, and trailers; prepares detailed plans of motor transport organization pertaining to area of operations.

Should have knowledge of highway planning and be able to plan efficient movement of transport vehicles. Should have thorough knowledge of truck performance and trucking facilities.

Military experience desirable.

Should have civilian experience in highway planning, traffic engineering, or motor transport operations.

## SOURCE JOBS

Highway Engineer                      Automotive Engineer  
Executive Officer, Trucking           Traffic Engineer  
Company

### MOTOR VEHICLE DISTRIBUTION OFFICER (0650)

Supervises operation of a motor vehicle distributing unit in transportation of track-laying or wheeled vehicles. Receives, inspects, and maintains equipment at a storage or reconsignment station in a staging area or oversea distribution point; contacts units to be serviced to determine quantity and types of vehicles required; surveys and studies highway facilities within area; coordinates control and movement of motor convoys with traffic officers; assigns personnel, vehicles, and equipment to convoys; directs the tactical and technical training of personnel, arranges for proper security of units, and maintains organizational records and reports.

Must have a knowledge of track-laying and wheeled vehicles and be familiar with supply and convoy operations.

Military experience essential. Should have sufficient training and experience to be familiar with camouflage, protective tactics, and company administration.

Several years' civilian experience in automotive supply and transportation very desirable.

## SOURCE JOBS

Truck Fleet Operator      Automotive Distributor

### TRUCK OFFICER (o660)

Commands a truck unit and is responsible for hauling cargo and for movement of troops by motor transport. Instructs and supervises personnel in truck and convoy operation, maintenance and tactical employment of motor vehicles, and in methods of loading cargo and distribution of loads; prepares schedules and supervises assignment of tasks and dispatching of vehicles to insure timely and safe delivery of cargo and personnel; is responsible for administration, transportation, supply and security of unit.

Must be thoroughly familiar with the operation, maintenance, and employment of such motor transport equipment as six-wheeled vehicles, truck-tractors, trailers, or semitrailers.

Military experience including completion of motor school essential.

Broad civilian experience in transportation of merchandise by motor transport essential.

## SOURCE JOBS

Motor Fleet Operator      Dispatcher, Motor Freight

### CAR OFFICER (o661)

Commands a car unit and is responsible for providing motor vehicles for passenger transportation and messenger service for headquarters. Instructs and supervises personnel in operation, minor maintenance, and tactical employment of vehicles; conducts regular inspections to determine condition of vehicles and to insure compliance with preventive maintenance measures; prepares schedules and issues instructions for the assignment of tasks and the dispatching of vehicles; supervises preparation of unit reports and is responsible for administration, tactical and technical training, supply, transportation, and security of unit.

Must be thoroughly familiar with operation, driver maintenance, and fuel and parts supply of passenger vehicles.

Military experience including completion of a course in motor school essential.

Civilian supervisory experience in motor transportation including maintenance and supply problems very desirable.

## SOURCE JOBS

Manager, automobile  
rental agency

Service Manager,  
automotive

Dispatcher, buses and taxicabs

### DUMP TRUCK OFFICER (o662)

Commands a dump truck unit and is responsible for its administration, training, supply, transportation, equipment, security and tactical employment in the transportation of road metal and other bulk materials in connection with engineer operations such as highway, railroad, and bridge construction. Selects and supervises motor park; provides for storage maintenance of equipment; repairs roads near motor park; directs convoy movements to site of operations; moves bulk material as directed from engineer supply dumps or from local resources to the site of operations; augments the facilities of general engineer troops in the shuttling of materials to and from the site of operations.

Must be familiar with the maintenance and employment of such equipment as dump trucks, cargo trucks, and carpenter and wheelwright sets. Must be able to direct groups of men engaged in the loading and hauling of such bulk materials as gravel, crushed rock, planks, railroad ties, rails, road metal, and demolition materials.

Military experience including training in the use of small arms essential. Should have completed courses at an engineer officers' school.

## SOURCE JOBS

Truck Loader

Truck-tractor Driver

### AMPHIBIAN TRUCK OFFICER (o668)

Commands and supervises an amphibian truck unit employed in the delivery of supplies in ship-to-shore or river crossing operations. Trains personnel in use of small arms, and maintenance and operation of amphibian trucks; supervises inspection and repair of amphibian trucks; supervises loading, unloading, and the stowing of amphibian trucks aboard ships; supervises ship-to-shore operation of amphibian trucks to supply distribution points and return; takes inventories of all stores and materials; requisitions supplies and repairs.

Should be familiar with fuel and parts supply, operation, and maintenance of amphibian trucks. Knowledge of inboard motor boats and other small craft very desirable.

Military experience, including completion of amphibian truck motor school, essential.

Civilian experience in the management of a motor transportation service involving problems of supply, dispatch, and maintenance of automotive equipment desirable.

#### SOURCE JOBS

Automobile Service Manager Bus or Motor Freight Manager, Motor Freight Dispatcher

#### TRANSPORTATION SUPERINTENDENT (0690)

Directs transportation and terminal operations at a port, depot, arsenal, reconsignment point, or other military installation. Issues directives and instructions regarding placement, storage, and distribution of materials and supplies; directs or supervises receipt, assembly, and movement of oversea supplies and equipment to and from port terminals and staging areas, and transport of military personnel overseas; arranges for procurement and placement of rail, motor, and water equipment and coordinates rail, freight, and truck movements within a terminal; is responsible for operation and maintenance of rolling equipment such as locomotives, railroad cars, and cranes; directs compilation of records, reports, and other information pertaining to freight and passenger traffic operations; is responsible for issuance of bills of lading, customs, clearance and consular papers, and transportation requests.

Must be thoroughly familiar with operating procedures incident to control of shipments, loading and unloading, warehousing, and other terminal activities in connection with freight and passenger movements by rail, motor, and water transportation. For duty at a port terminal, must have comprehensive knowledge of port operations and preparation of marine shipping documents.

Military experience desirable.

Considerable civilian administrative experience in rail, motor, or water transportation of supplies and equipment essential.

#### SOURCE JOBS

Freight Transportation Agent Terminal Superintendent Traffic Manager

#### RAIL TRANSPORTATION OFFICER (0700)

Directs the routing and dispatch of freight shipments and the scheduling of passenger transportation by rail. Routes shipments, materials, and sup-

plies from production points to destination; plans traffic schedules; expedites movement of goods consigned to ports of oversea units; investigates delay in movement of supplies and issues instructions to correct conditions; inspects materials for damage in transit and arranges for replacement or repair; prepares itineraries for passenger travel, and arranges for reservations and issuance of transportation requests; contacts representatives of various transportation agencies to arrange for essential equipment and determines available accommodations for troop movements and freight shipments.

Must be familiar with regulations governing the issuance of Government bills of lading, travel requests, and negotiation of transportation contracts.

Civilian administrative experience in a railroad or industrial organization in the dispatch and control of freight shipments or passenger travel desirable.

#### SOURCE JOBS

Traffic Manager	Travel Agent
Freight Manager	Railway Express Clerk
Passenger Agent	Freight Forwarding Agent

#### TRAINMASTER (0706)

Commands a railway train operating unit and supervises enginemen and trainmen in road and yard operations of freight and passenger trains. Enforces rules and regulations required for safety and efficiency in train operations; inspects condition of equipment and stations and investigates train delays and accidents; prepares duty schedules for manning of trains by crews and arranges personnel schedules with train dispatcher; insures that available cars are utilized to fullest extent; supervises loading and unloading of cars; recommends improvements in operating conditions; prepares reports on the operations of the unit and is responsible for its administration, training, supply, equipment, and security.

Civilian experience in operating department of railroad and in supervision of yard functions and train dispatching essential.

#### SOURCE JOBS

Assistant Trainmaster	Train Dispatcher
Chief Dispatcher	Yardmaster

#### RAIL TRANSPORTATION REGULATING OFFICER (0707)

Regulates supply and personnel movements by rail. Maintains regularity and smooth movement of

supplies and replacements to and evacuation of casualties, prisoners, and salvage from the combat zone; prevents congestion to permit uninterrupted maneuvers of supplies and troops in rear of the combat forces; enforces rail traffic priorities; arranges for movement of rail traffic between depots, or holding and reconsignment points, and railheads, or other supply points; regulates number of cars or trains at a holding or reconsignment point; keeps regulating station and trackage free of surplus cars and supplies; provides for distribution of returning cars to depots in the rear; keeps informed concerning status of supplies, location of units and establishments, military plans, hospital capacities and number of hospital trains available, status of railway equipment, and operating schedules in effect; advises on location of railheads to assure adequate unloading facilities, suitable road net, and sufficient reserve storage space. May perform similar functions in the zone of the interior.

Must have a knowledge of loading, dispatching, routing, and control of freight in transit.

Should have administrative experience in a railroad, industrial, or commercial concern responsible for large shipments.

College training in traffic engineering desirable.

#### SOURCE JOBS

Freight Traffic Manager	Rail Traffic Consultant
Traffic Analyst	Transit Man
Train Dispatcher	

#### STATIONMASTER . (0709)

Supervises rail transportation through and at a railway station. Cooperates with the transportation regulating station and entraining and detraining officers to assure expeditious handling of traffic; supervises functions of all operating and road crews at railway station; directs arrangements for loading, release, and movement of railroad cars; informs division superintendent of all activities and requirements of the station.

Civilian administrative experience in railroad operation desirable.

#### SOURCE JOBS

Trainmaster	Yardmaster
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#### RAILWAY MAINTENANCE OF WAY SUPERINTENDENT (0715)

Directs or supervises the maintenance of way activities of a railway organization. Inspects tracks,

roadbeds, bridges, culverts, buildings, water towers, coaling stations, and other railway structures to determine the nature and extent of repairs; assigns road and structure maintenance tasks to repair units and crews; directs or supervises the distribution of construction materials to replace washed out or destroyed structures and roadbeds; supervises the operations of repair crews and inspects finished work; submits reports on inspections and on maintenance work. May command a maintenance of way unit and be responsible for its administration, training, supply, equipment, transportation, and security.

Must be able to direct the work of construction foreman, railway section foreman and section hands, blacksmiths, bridge inspectors, bridge and construction carpenters, painters, pipefitters, power shovel operators, stonemasons, and structural steel workers. Must have experience in laying out and directing construction work from drawings. Must have a thorough knowledge of railroad, track maintenance, and civil engineering practices applying to maintenance of way, tracks, and bridges.

Civilian experience in railway construction or maintenance of way work essential.

#### SOURCE JOBS

Railway Construction Foreman	Roadmaster
Railway Maintenance of Way Engineer	Track Superintendent

#### RAILWAY BRIDGE AND BUILDING SUPERVISOR (0716)

Directs or supervises maintenance of bridges, culverts, buildings, snow sheds, fences, water stations, coaling stations, and stationary boilers in buildings other than shops; insures repair of tools and machines; maintains emergency supplies of bridge materials to replace washed out, burned, or destroyed structures; maintains records of supplies issued and submits reports. May command a railway bridge and building maintenance unit and be responsible for its administration, training, supply, equipment, transportation, and security.

Must be able to direct work of construction carpenters and foremen, blacksmiths, bridge inspectors, bridge carpenters and stonemasons, painters, power shovel operators, structural steel workers, and pipefitters. Knowledge of bridge and building construction methods and experience in laying out and directing work from drawings essential.

Civilian experience in construction or maintenance work on railways essential.

#### SOURCE JOBS

Railway Construction Foreman      Railway Bridge and Building Foreman

#### RAILWAY TRACK SUPERVISOR (0717)

Directs or supervises the maintenance of railway track and roadbed. Inspects track and roadbeds to determine the nature and extent of repairs; assigns road maintenance tasks to units and crews; directs or supervises the distribution of construction materials; submits reports on inspections and on maintenance work. May command a track maintenance unit and be responsible for its administration, training, supply, equipment, transportation, and security.

Must be able to direct work of railway section foremen and section hands.

Civilian experience in the maintenance of railway track and roadbed essential.

#### SOURCE JOBS

Track Supervisor	Roadmaster
Section Foreman	Maintenance of Way
Railroad Construction Supervisor or Engineer	Supervisor or Engineer

#### RAILWAY SIGNAL MAINTENANCE SUPERVISOR (0718)

Supervises operations of a railway signal maintenance section. Inspects signals along railway routes and supervises checking of batteries, cleaning of lenses of signal lamps, testing of signal circuits, repairing of defective signals and installing replacements; supervises maintenance and repair of railway telephone, telegraph, and other signal installations; submits reports of investigations and repair work; cooperates with Signal Corps on technical matters.

Must be able to supervise work of railway signal maintenance men, telephone and telegraph installers, repairmen and linemen, and wire chiefs.

Civilian experience in maintenance and repair of railway communication and signal systems essential.

#### SOURCE JOBS

Railroad Signal Maintenance Supervisor	Signal Inspector
Telephone and Telegraph Maintenance Supervisor	Signal Lineman

#### ROAD FOREMAN, RAILROAD ENGINES (0720)

Commands a unit of train operating crews. Instructs engineers and firemen in their duties; takes measures to avoid engine failures and delays; reports water and fuel deficiencies to railway dispatcher; informs master mechanic and trainmaster of condition of engines; supervises train crews in proper handling of equipment, the observance of safety precautions, and the maintenance of operating schedules; prepares various reports on the operation of the unit, and is responsible for its administration, training, supply, equipment, and security.

Civilian railroad experience with locomotives essential.

#### SOURCE JOBS

Locomotive Engineer	Traveling Locomotive
Traveling Locomotive Engineer	Fireman
	Road Foreman of Engines

#### RAILWAY WATER SERVICE SUPERVISOR (0721)

Directs the operations of water distribution stations of a railway system. Selects location for and supervises construction of water stations; maintains all piping and mechanical appliances; coordinates railway water requirements of railway operating units.

Should have civilian railroad water station construction and maintenance experience.

College training in mechanical or civil engineering courses desirable.

#### SOURCE JOBS

Railroad Water Station Engineer	Water Service Supervisor
	Water Service Foreman

#### YARDMASTER (0730)

Supervises the make-up and break-up of trains within a railroad yard. Inspects operating equipment and yard facilities; plans proper sequence of moves in yard operations; insures that cars are properly routed and placed for loading and unloading; issues orders to train crews concerning switching operations; supervises preparation of records of car numbers and personnel.

Civilian experience in railroad yard operations essential.

## SOURCE JOBS

Railroad Freight Conductor      Chief Railroad Yard  
Railroad Yard Foreman      Clerk  
Yardmaster

## RAILWAY MASTER MECHANIC 375

Directs or supervises activities of roundhouses, car repair shops, and other terminal facilities for handling locomotives and cars. Directs dispatch of engines and cars from shops and sees that rolling equipment is inspected, equipped, and in condition for service; prescribes shop safety rules and makes inspections to enforce compliance; determines extent and nature of repairs required on rolling stock, portable boilers and other heavy equipment; supervises light tasks within the unit and sends heavy repair work beyond the capacity of local facilities to shops of higher categories; supervises light repair and maintenance operations such as cleaning air brake apparatus, installing electrical wiring, adjusting wheel bearings and other mechanical adjustments or replacements required to keep equipment in serviceable conditions; directs storage and supply of materials, replacement parts, and tools; keeps records and renders reports on inspection and maintenance activities. May command a railway maintenance of equipment unit and be responsible for its administration, training, supply, equipment, transportation, and security.

Must be able to direct work of engine mechanics, blacksmiths, boilermakers, car engineers, locomotive and car mechanics and inspectors; locomotive boilermakers, boilermakers and other workers and providers.

Civilian experience in maintenance of locomotives, cars, and other railroad equipment essential.

## SOURCE JOBS

General Foreman, Rail-Roadway Shop Foreman  
Locomotive Master Mechanic  
Roundhouse Foreman

## RAILWAY CAR FOREMAN 375

Directs or supervises car repair and maintenance activities of a railway operating organization and has charge of car shops and of handling equipment at a terminal. Supervises inspection of cars from shops and sees that cars are inspected, repaired and in condition for service; enforces shop safety rules; determines extent and nature of repairs required in cars and light rolling stock; supervises

light repair and maintenance operations such as cleaning air brake apparatus, installing electrical wiring, adjusting wheel bearings and other mechanical adjustments required to keep cars in serviceable condition; supervises operation of wrecking trains; maintains adequate supply of materials, replacement parts and tools; keeps records and renders reports on inspection and maintenance activities. May command a car repair unit and be responsible for its administration, training, supply, equipment, transportation, and security.

Must be able to supervise work of air brake mechanics, blacksmiths, car carpenters, car mechanics and inspectors, crane hoist operators, welders, painters, and pipemakers.

## SOURCE JOBS

Car Inspector, Railway Car Foreman, Railway Car Repair Shop Foreman

## RAILWAY ENGINE FOREMAN 375

Directs or supervises locomotive service and maintenance activities of a railway operating organization and has charge of enginehouse and other terminal facilities for handling locomotives. Supervises dispatch of engines and sees that engines are inspected, equipped, and in condition for service; enforces enginehouse safety regulations; determines extent and nature of repairs required on locomotives, vehicles, portable boilers and other heavy equipment; supervises light repair and maintenance operations such as cleaning air brake apparatus, installing electrical wiring, adjusting wheel bearings, and other mechanical adjustments and replacement work required to keep equipment in serviceable condition; maintains adequate supply of materials, replacement parts and tools; keeps records and renders reports on inspection and maintenance activities. May command a locomotive repair unit and be responsible for its administration, training, supply, equipment, transportation, and security.

Must be able to supervise work of air brake mechanics, blacksmiths, boilermakers, locomotive engineers and inspectors; steel plate workers; locomotive boilermakers, boilermakers and other workers and providers.

## SOURCE JOBS

Locomotive Shop Foreman      Locomotive Inspector  
Locomotive Engineer

## **RAILWAY DISPATCHER (0740)**

Directs the movement of trains over a military road net. Supervises car ordering and movement of empty equipment, loading and unloading of cars and disposition of surplus equipment; reroutes or reschedules trains during emergencies; supervises work of enlisted train dispatchers and telegraph operators; insures that fuel stations are fully supplied; keeps informed on conditions of such facilities as water tanks, signal and fuel stations, and initiates action to correct deficiencies; reports all failures to meet schedules, accidents to trains, or damage to road; dispatches trains on a priority basis; maintains record of train movements.

Must be able to supervise work of enlisted dispatchers, car distributors, railway tower men, telegraph operators, and telephone operators.

Military experience desirable.

Civilian experience in dispatching trains desirable.

### **SOURCE JOBS**

Train Dispatcher      Chief Dispatcher

## **RAILWAY OPERATIONS SUPERINTENDENT (0750)**

Directs the transportation operations of a railway division, grand division, or railway headquarters. Insures coordination of schedules, preparation of train and station rules, issuance of regulations for loading cars, make-up and movement of trains; inspects operations and facilities to enforce regulations, determine operating and maintenance efficiency, and evaluate effectiveness of training; supervises preparation and fulfillment of demolition plans; maintains records and issues reports on the operations of the unit and is responsible for its administration, training, supply, equipment, transportation, and security.

Civilian administrative experience in some branch of railroad transportation desirable.

### **SOURCE JOBS**

Trainmaster      Chief Train Dispatcher  
General Yardmaster      Railway Division or  
Railway Division Engineer      Grand Division  
                                    Superintendent

## **RAILWAY CAR SERVICE SUPERINTENDENT (0753)**

Directs distribution of freight and passenger cars

throughout a railway system. Supervises the assembly, assorting, classifying, and relaying of trains; traces car movements and returns empty cars to terminals or yards; establishes procedures to assure prompt handling and release of cars; investigates delays and renders reports.

Must have experience in railroad operations and car handling practices.

### **SOURCE JOBS**

Car Service Superintendent	Car Distributor
Trainmaster	Chief Dispatcher

## **RAILWAY EQUIPMENT SUPERINTENDENT (0754)**

Directs administrative procedures in the selection of railway equipment. Determines types of equipment required to meet operating conditions; prescribes policies and regulations for maintenance of equipment; formulates rules and issues regulations for inspection; exercises technical supervision over all railway repair shops.

Must have knowledge of railroad equipment and repair methods.

Civilian experience in the operation of railroad repair shops essential.

### **SOURCE JOBS**

Master Mechanic	General Foreman, Railway
Railway Shop Superin-	Master Car Builder
tendent	

## **ELECTRIC RAILWAY POWER TRANSMISSION SUPERINTENDENT (0761)**

Supervises the operation, maintenance, and repair of high voltage power distribution for an electric railway system. Directs the maintenance, repair, and installation of high-voltage relays, breakers, regulators, transformers, sectionalizing switches, and protective and controlling apparatus; instructs and trains personnel in the knowledge of circuits in the territory, clearance requirements, and in the necessary calibrating of substation equipment; supervises the preparation of records and reports; inspects work performed to insure safe and efficient operation of the system; maintains proper inventory of necessary materials, equipment, and tools.

Must have thorough knowledge of high-voltage catenary overhead and third rail systems.

Military experience in Transportation Corps de-

sirable; should have completed orientation course in Transportation Corps.

Civilian experience on electric railroad system including complete supervision of a section or division essential.

Should have college training in electrical engineering or equivalent experience with electric railroad system.

#### SOURCE JOBS

Superintendent of Telegraph and Signals, Railroad

Assistant Superintendent of Telegraph and Signals, Railroad

Foreman, Electric Railroad

General Foreman, Electric Railroad

Gang Foreman, Electric Railroad

#### HARBOR MASTER (0801)

Supervises the operation of harbor craft in ports of embarkation or debarkation. Makes assignments of tug or tow boats for interterminal shifting of lighters, barges, and scows, or other general harbor tasks; prepares sailing schedules for the movement of military and civilian personnel, freight, and equipment in and about the harbor; arranges the leasing and chartering of privately owned tugs, lighters, and scows; supervises the maintenance of records and prepares reports.

Must have a thorough knowledge of traffic requirements relating to general port and harbor operations, and understanding of military organization and administration.

Experience in the administration of port or terminal operations and maintenance of small harbor craft desirable.

Marine training or pilots school training desirable.

#### SOURCE JOBS

Marine Pilot

Water Terminal Manager

Harbor Master

Lighter Captain

Traffic Manager

Ship's Master

Towing Company

Manager

#### STEVEDORE OFFICER (0804)

Supervises the loading and unloading of ships, tankers, lighters, barges and the shipside handling of cargoes. Reviews loading and unloading schedules, quantity and type of cargo to provide necessary crews for operations; insures the orderly and efficient handling of cargo; supervises the maintenance of files and records of stevedore operations

as prescribed in regulations and operating agreements for merchant seamen; contacts commercial agents and contractors to furnish personnel; prepares reports. May supervise loading and unloading operations in connection with amphibian engineer and amphibian truck operations.

Must have considerable knowledge of loading and stowage of cargoes and regulations concerning stevedore personnel.

Civilian experience as gang boss or stevedore foreman in charge of loading and discharging of steamships essential.

#### SOURCE JOBS

Marine Pier Supervisor First Officer, Cargo Ship  
Longshoreman Supervisor Hatch Foreman

#### CARGO OPERATIONS OFFICER (0806)

Directs administrative operations to control inbound and outbound cargoes at a port. Issues instructions for vessel movement from anchor, sub-terminal or other location to piers; allocates berthing space at piers; directs the inspection and checking of cargoes; prepares manifests, cargo reports, customs, and other shipping documents; arranges for clearance of inbound and outbound cargoes; supervises auditing of freight charges and preparation of finance reports; supervises maintenance of tonnage records and loading plans; communicates by radio or telegraph with ports of destination to transmit cargo reports and make docking and unloading arrangements. May charter commercial vessels and perform a variety of administrative duties.

Must have thorough knowledge of port and terminal operations concerning shipment of cargo, stevedoring, foreign freight forwarding, charter brokerage, and related steamship activities.

Civilian administrative experience in water and rail transportation essential.

#### SOURCE JOBS

Freight Dispatcher

Stevedore Superintendent

Freight Broker

Freight Examiner

Steamship Broker

Terminal Supervisor

#### DOCK ORDNANCE OFFICER (0807)

Directs administrative activities concerned with checking, inspecting, and loading ordnance material at a port. Inspects loading and stowing of material on docks and aboard ship to insure that adequate safety cautions have been observed; maintains liaison

son between port ordnance officer and Army Transport Service to provide adequate dock and loading facilities; collaborates with other port officers in technical problems concerning loading and stowing of ammunition and explosives; provides for fire prevention and fire-fighting measures; supervises the maintenance of files and records; prepares reports; indicates location, quantity, and types of explosives on piers.

Requires considerable knowledge of general ordnance supply and the surveillance of ammunition and explosives.

Military experience required.

Civilian administrative experience in the manufacture and shipping of ordnance material and supplies desirable.

Training in chemistry or chemical engineering desirable.

#### SOURCE JOBS

Terminal Supervisor  
Ordnance Inspector

Warehouse Supervisor

#### ARMY TRANSPORT CONTROL OFFICER (0808)

Directs planning and control of operations concerning oversea transportation of troops and supplies at a port. Maintains liaison with port and sub-terminal facilities to coordinate and control operating procedures and obtain information on warehouse, dock, and vessel accommodations; prepares estimates of vessels and miscellaneous craft required for mobilization and oversea transportation services; cooperates with various arms and services to arrange port accommodations and schedule ship movements; assists port officers in planning expansions of various departments to meet new requirements.

Must have thorough knowledge of administrative and technical operations of steamship agencies.

Civilian experience in steamship operations and marine terminal activities desirable.

#### SOURCE JOBS

Steamship Freight Agent  
Marine Freight Coordinator

Marine Terminal Superintendent

#### BOARDING OFFICER (0809)

Boards oversea troop and freight transports prior to sailing, and inspects and reports on the general condition of the ship, equipment, troop facilities,

and passenger accommodations. Coordinates inspection reports of medical, veterinary, armament, marine safety inspectors, and others covering such items as berthing arrangements, sanitation, ventilation, water and food supply, mess facilities, and safety devices; prepares berthing plans and reports any irregularities. May distribute shipping articles, insurance forms, and allotment papers to civilian crew members. May meet incoming passenger vessels, secure crew and passenger lists, and other pertinent information, and render assistance to customs and immigration authorities.

Civilian experience in steamship passenger agency or in steamship line operation essential.

#### SOURCE JOBS

Steamship Passenger  
Agent

Ship's Officer  
Marine Inspector

#### TRANSPORT PASSENGER OFFICER (0810)

Directs booking of passengers and troops boarding transports; maintains alphabetical lists and deck plans of Army transports; prepares passenger lists and assignments of accommodations; examines credentials to determine registry, purpose of mission, identity of passengers, and arranges for their passage through port; supervises receipt, recording, and distribution of baggage and mail for crews and passengers; maintains records and prepares reports.

Requires a knowledge of procedures concerning booking of passengers for oversea travel.

Civilian administrative experience in general offices of a steamship organization desirable.

#### SOURCE JOBS

Steamship Passenger  
Agent  
Travel Agency Manager

Steamship Passenger  
Traffic Clerk

#### SHIP TRANSPORTATION OFFICER (0812)

Represents chief of transportation, theater commander or a comparable authority in matters concerning the movement of cargo or cargo and personnel dockside and aboard ship. Establishes and enforces measures for cargo security and protection during loading, voyage, and unloading to prevent mishandling and pilferage; in cooperation with the ship's master, makes inspections to determine adequacy of security and protection of all accessible cargo and equipment affecting cargo including hatches, lashings, manholes, and ventilators; makes

reports of any irregularities to the port officer; delivers manifests and storage plans, against receipt to port authority; prepares voyage reports and intelligence reports on transportation problems and makes recommendations for corrective action calculated to reduce cargo losses through mishandling or pilferage; assists port commanders in carrying out directives related to movement of cargo or cargo and personnel aboard vessels. May command attachment of military personnel or prisoners of war when such are carried in addition to cargo.

Graduation from Quartermaster Corps or Transportation Corps Officer Candidate School desirable.

Civilian experience in cargo handling, marine insurance or freight shipping desirable.

#### SOURCE JOBS

Cargo Damage Surveyor	Freight Examiner
Marine Insurance	Stevedore Manager
Investigator	

#### PORt STEWARD (0813)

Supervises the loading and storage of subsistence stores aboard vessels at a port. Maintains inventories of supplies on hand and prepares requisitions to maintain prescribed stock levels; supervises loading of subsistence stores on departing vessels and directs disposition of perishable items and other stores removed from vessels at conclusion of voyages; procures steward department personnel and is responsible for their supervision aboard ship; prepares reports and records concerning steward activities at the port and aboard vessels.

Must have knowledge of steward department administration, the preparation of steward's documents and records, and the employment of ship steward department personnel.

Civilian experience in the administration of steward activities at a port or aboard ship essential.

#### SOURCE JOBS

Ship Steward	Port Steward
Railroad Steward	Hotel Steward
Executive Chef	

#### SUPERINTENDENT, WATER DIVISION (0815)

Plans and directs movement of troops, materials, and supplies through the port. Controls operation of water transportation equipment assigned to the port, including chartered facilities; prepares sailing

orders for transports; charters ships and harbor boats; directs activities of harbormaster; cooperates with transportation officers in the movement of troops and supplies from staging areas to shipside; controls freight traffic operations on piers and allocates pier space and ship berths; directs receipt of supplies and determines procedure for stevedoring, loading, and stowing operations; directs conversion, maintenance, and repair of vessels and dock equipment and ascertains that vessels are in seaworthy condition; directs employment of civilian and military crews, dock workers, and repairmen; coordinates activities relating to preparation of ship's manifests, fiscal records, and other records and reports; arranges customs and immigration clearance.

Civilian experience in planning, organizing, and directing activities of a marine terminal or steamship agency essential.

#### SOURCE JOBS

Pier Superintendent	Maritime Superintendent
Cargo Operations	Steamship Agent
Superintendent	Steamship Line Superin-
Marine Terminal	tendent
Superintendent	Cargo Agent

#### PIER SUPERINTENDENT (0816)

Supervises maintenance and repair of pier loading equipment and gears, supervises docking of vessels, and insures that safety regulations are followed in various pier operations. Inspects and maintains gangways, platforms, catwalks, air-raid devices, cargo lights, and other pier equipment; inspects fire-prevention equipment and enforces fire prevention regulations and safety practices; maintains liaison with freight operations officer and stevedore officers relative to docking of vessels and supervises docking and undocking of ships at pier; inspects life saving and other safety equipment aboard ships at pier; collects information concerning vessels such as drafts, type of power, and gross tonnages.

Civilian experience in supervising various pier operations essential.

#### SOURCE JOBS

Stevedore Foreman	Pier Foreman
Marine Inspector	

#### PIER OFFICER (0818)

Directs movement of inbound and outbound cargo on piers; directs loading on vessels in accordance

with priorities and plans prepared by cargo operations division; makes final examination to determine that ship's manifests, storage plans, certificates of satisfactory stowage, and lists of gear to be recovered are in order; allocates pier space for in-transit storage of cargo; supervises intransit storage and protection of cargo; keeps records and prepares reports concerning loading and unloading operations.

Civilian experience in supervising pier operations essential.

#### SOURCE JOBS

Warehouse Superintendent      Pier Supervisor  
Stevedore Foreman

#### MASTER OR MATE<sup>1</sup> (0820)

Directs the navigation, repair, and maintenance of various types of boats and is responsible for the safety, conduct, and training of all technical personnel. Supervises crew in navigating, manning guns, and maintaining ship's equipment; inspects ship to insure proper stowage of cargo and equipment, and fitness for operations; supervises arrangements of deck machinery; inspects conditions; plots prescribed course from maps and maintains a chart of location; keeps a log of operations; prepares specifications for repair and maintenance work; directs communication between ships and ship-to-shore. May perform additional duties in connection with operations of mine planters or crash boats.

Must possess thorough knowledge of navigation principles, care of seagoing vessels, marine transportation routes, and mechanical operation of ships and their equipment.

Must have civilian experience as master or mate.

#### MARINE ENGINEER (0823)

Directs or supervises activities of a ship's engine room crew. Supervises repairs and operations of engines, pumps, injectors, condensers, boilers, electrical equipment, refrigerating and sanitary equipment, deck machinery, and steam connections aboard ship; starts, stops, and controls speed of power equipment; ascertains that correct water level is maintained in boilers; keeps a log of performance of equipment on voyage; supervises the rigging of emergency repairs at sea and permanent minor repairs when laid up in port; oversea fueling of ship; requisitions engine room supplies and keeps inventories; stands watch in engine room. May operate steam or Diesel engines.

Civilian experience in marine engine room supervision and the operation and maintenance of mechanical equipment aboard ships essential.

#### SOURCE JOBS

Assistant Marine Engineer      Chief Marine Engineer

#### SMALL BOAT UNIT COMMANDER (0825)

Commands a unit of crash boats, harbor craft, or other small boats. Supervises operations of tug boats, motor tow boats, marine tractors, floating cranes, cargo barges, oil barges, ferry boats, small tankers, freighters, and passenger vessels; assigns crews for operating shifts and issues orders to crews; inspects tugs and equipment and oversea loading of cargo barges; plans towing procedures and hook-ups; directs the placing and moving of floating cranes and supervises crews in rigging and operating the crane; keeps log of tug and barge movements and conditions; requisitions supplies; prepares reports of unit activities and is responsible for its administration, training, supply, equipment, transportation, and security. May perform similar functions in the operation of crash boats employed in rescue of flying personnel and salvage of aircraft. May command platoon or company of harbor craft or small boats.

Must be able to supervise work of military or civilian personnel employed as marine engineers, masters and mates of harbor vessels, marine tractor drivers, ship's carpenters, cargo foremen, deckhands, ship's electricians, oilers, pipefitters, and welders.

Civilian experience in tug, barge, and lighterage operations on inland waterways or in harbors essential.

#### SOURCE JOBS

Tug Master      Harbor Master  
Barge Crane Captain      Barge Captain

#### INLAND WATERWAYS TRANSPORTATION REGULATING OFFICER (0830)

Regulates supply and personnel movements by inland waterway transportation. Maintains regularity and orderly movement of supplies and replacements to and evacuation of casualties, prisoners, and salvage from the combat zone; prevents congestion of river or canal traffic to assure uninterrupted maneuver of supplies and troops in rear of the combat

<sup>1</sup> Use appropriate title.

forces; keeps informed on military plans, location of military units and conditions of inland water traffic, and desired location of supply points; arranges for movement of river and canal traffic and advises on the selection of sites for water heads, taking into consideration facilities for unloading of supplies, adjacent road net and storage space; issues orders for specified tonnage to be kept on call in designated areas, and may direct physical pooling of inland waterway transport at designated places; recommends general plans of allocation and employment of available inland shipping facilities; keeps detailed plans prepared for employment of large scale inland water transportation; establishes and enforces river and canal traffic priorities. May perform similar functions in the zone of the interior.

Must have knowledge of loading, dispatching, routing, and control of inland water freight in transit.

Military experience desirable.

Civilian experience in barge, tug, and lighterage operations on inland waterways and in harbors essential.

College education in the field of transportation very desirable.

#### SOURCE JOBS

Inland Waterway Superintendent

#### AIR TRANSPORTATION REGULATING OFFICER (0910)

Regulates supply and personnel movements by military or commercial transport. Maintains regularity and orderly movement of supplies and replacements to and evacuation of casualties from the combat zone; prevents congestion at airdromes to assure uninterrupted movement of supplies and troops; keeps informed on military plans, location of military units and establishments, air transport needs of troops, availability of military and civilian air transport, and conditions of air traffic; arranges for movement of air traffic between supply bases and forward distribution points; advises on selection of air fields, taking into consideration facilities for handling supplies and adjacent highway and railroad nets; issues orders for specified air transport carrying capacity to be kept on call in designated areas and may provide for physical pooling of air transport at designated places; determines most effective utilization of equipment to meet demands for supply and personnel movements; keeps detailed plans prepared for large scale air transport opera-

tions; establishes and enforces air transport priorities. May supervise contracts with commercial air lines. May perform similar functions in the zone of the interior.

Must have knowledge of flight regulations, loading of supplies on air transports, effect of weight distribution on displacement of centers of gravity, and effect of weather conditions on air operations.

Civilian executive experience with commercial air lines desirable.

#### SOURCE JOBS

Air Line Superintendent

Flight Control Chief

Air Traffic Manager

#### WEIGHT AND BALANCE OFFICER (0911)

Controls weight and balance of aircraft under jurisdiction of an Army Air Forces organization or installation, determining that they are properly loaded and authorizing their release for flight. Maintains records of weight and balance status of aircraft; recalculates weight and balance or reweighs airplane after all changes and repairs are completed and reweighs all aircraft at least once each year; trains pilots in use of the balance computer and loading graph; arranges for certification of scales under his jurisdiction by a competent inspector of weights and measures at stipulated intervals; ascertains by inspection that airplane is actually loaded in accordance with balance calculations.

Must be a graduate of Army Air Forces Weight and Balance School or have equivalent experience.

#### PRIORITIES AND TRAFFIC OFFICER, AIR (0913)

Reviews requests for air transportation of personnel, matériel, and mail, and grants or denies priority in accordance with existing policy and situation. Supervises movement of traffic, regulating its volume and direction of flow; monitors scheduling of equipment and its assignment to various routes to insure efficient use of available facilities; directs the clearance of passengers with customs, public health, and intelligence agencies; supervises ticketing, manifesting, and waybilling of all passengers and cargo; schedules and supervises the loading, unloading, and storage of cargo.

Must be capable of evaluating relative urgency of requests for air transportation.

Experience in transportation management or control desirable.

## SOURCE JOBS

Airline Passenger Agent    Airline Freight Manager  
Airline Dispatcher

### SERVICE PILOT, SINGLE-ENGINE (0915)

Operates a single-engine airplane to ferry Army aircraft or to transport freight or military personnel. Receives instructions and information regarding route, landing places to be used, weather forecasts, radio facilities, and hazards; examines airplane by visual and test inspection and sees that passengers are equipped with parachutes or that cargo is properly stowed so that it will not shift or interfere with aircraft balance; navigates airplane, using standard instruments and radio aids; flies along the course of radio beam signals and uses both commercial and military landing fields; reports by radio progress or completion of mission and prepares written reports of fuel consumption, functioning of airplane and equipment, hours flown, and other pertinent observations.

Must have complete knowledge of flying regulations as prescribed by Civil Aeronautics Authority.

### SERVICE PILOT, TWO-ENGINE (0916)

Operates a two-engine airplane to ferry Army aircraft or to transport freight or military personnel. Receives instructions and information regarding route, landing places to be used, weather forecasts, radio facilities, and hazards; examines airplane by visual and test inspection and sees that passengers are equipped with parachutes or that cargo is properly stowed so that it will not shift or interfere with aircraft balance; navigates airplane, using all standard instruments and radio aids; flies along the course of radio beam signals and uses both commercial and military landing fields; reports by radio progress or completion of mission and prepares written reports of fuel consumption, functioning of airplane and equipment, hours flown, and other pertinent observations.

Must have complete knowledge of flying regulations as prescribed by Civil Aeronautics Authority.

### SERVICE PILOT, FOUR-ENGINE (0917)

Operates a four-engine airplane to ferry Army aircraft or to transport freight or military personnel, receives instructions and information regarding route, landing airplanes to be used, weather forecasts, radio facilities, and hazards; examines airplane by visual and test inspection, and sees that

passengers are equipped with parachutes or that cargo is properly stowed so that it will not shift or interfere with aircraft balance; navigates airplane, using all standard instruments and radio aids; flies along the course of radio beam signals, and uses both commercial and military landing fields; reports by radio progress or completion of mission and prepares written reports of fuel consumption, functioning of plane and equipment, hours flown, and other pertinent observations.

Must have complete knowledge of flying regulations as prescribed by Civil Aeronautics Authority.

### AIR BASE COMMANDER (1013)

Directs and supervises efficient operation and management of the base and its activities. Directs operation of flying field, movement of aircraft to and from the field, and provides for efficient service for aircraft using base facilities; determines needs of the base and arranges for proper protection, sanitation, supply, transportation, housing, construction and maintenance, administration of base activities, and morale and well-being of unit personnel.

Must be thoroughly familiar with all phases of a military flying field operations and the management of a military post. Should have executive ability to handle large scale operations.

Military experience as a flying officer essential.

Civilian experience as airport manager very desirable.

Should have college training in public or business administration.

### CONTROLLER, FIGHTER INTERCEPTION (1014)

Directs interception of enemy air raids reported directly or through an air warning service. Instructs friendly fighter airplanes as to place, time, and altitude to meet attacking aircraft; determines whether antiaircraft defenses are to handle partial or total defenses; keeps informed on location, speed, direction, and altitude of friendly airplanes and assists them in returning to their own or other friendly airdromes after mission; supervises work of central area control room.

Must be thoroughly familiar with types, speed, and capabilities of friendly fighter aircraft and enemy bombardment aircraft. Must understand the employment of antiaircraft artillery. Must be able to evaluate relative strength of enemy air attacks and determine number and types of airplanes necessary to meet them successfully.

Experience as operations officer of a fighter unit very desirable.

#### BOMBER PILOT, TWO-ENGINE (1022)

Pilots two-engine bombardment aircraft and commands crew in the accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attack, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards.

Must have completed flight training required at an Army Air Forces Training Center or have been rated by the Commanding General, Army Air Forces, based upon equivalent experience obtained in civilian or military aircraft.

#### PILOT, FOUR-ENGINE (1024)

Pilots four-engine aircraft and commands crew. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attacks, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition training in four-engine aircraft.

#### GLIDER PILOT (1026)

Operates a cargo-carrying or troop-carrying glider in towed and free flight on both day and night missions. Supervises loading of glider to insure proper balance; navigates by pilotage or dead reckoning; after release from towing aircraft, pilots glider to designated landing area; supervises maintenance of glider. May fly by instrument. May fly in multiple tow.

Must be proficient in precision landings over obstacles and stopping within minimum distances. Must be proficient in map reading. Must be able

to receive and send a maximum of six words per minute CW (Radio) and four words per minute with blinker signal light (visual code). Must be qualified in use of arms of the Airborne Command, in camouflage employment, and in defense against chemical attack. Must meet prescribed physical standards.

Must have completed glider training course at an Army Air Forces Training Center.

#### FLIGHT ENGINEER OFFICER (1028)

Operates the engine control panel on large multi-engine airplanes. Controls the weight and balance of such airplane during flight; computes cruising range and data relative to fuel consumption, engine, performance and load; at the pilot's direction, adjusts throttles, mixture, supercharger, and propeller pitch controls to obtain varying conditions of engine speed, manifold pressure and fuel consumption; performs such items of maintenance and adjustment as are possible during flight such as correcting malfunctions on engines, landing gear, etc.; directs the loading of the airplane; keeps the flight logs and maintains other necessary records during flight; determines from inspection reports whether prescribed inspection and maintenance have been performed by the ground crew, reporting any deficiencies to the airplane commander.

Must be capable of supervising the inspection and maintenance of the airplane between flights and under field conditions, keeping the records and reports necessary thereto.

Must be a rated Aircraft Observer (Flight Engineer).

#### AERIAL OBSERVER (1029)

Makes observations from aircraft to secure information as to the strength, disposition, activities, and probable intentions of enemy ground or naval forces and the location of enemy installations. Determines effectiveness of friendly artillery fire or bombing and operations of friendly troops; makes direct visual observations or takes aerial photographs as basis for later study; communicates from aircraft to ground units by radio or visual signaling devices such as blinker and pyrotechnics; prepares concise narrative reports on conclusion of mission for intelligence and operations officers of air or ground force units. May navigate observation airplane or fire aerial guns.

Must understand ground force organization and know identification of friendly and enemy ground

equipment, aircraft, and naval vessels. Skill in aerial photography and various types of communication essential. Must be able to detect camouflage.

Military experience essential.

Must meet prescribed physical standards and have successfully completed training prescribed by Commanding General, Army Air Forces.

#### BOMBARDIER, RADAR, LAB (Designated Set) (1030)

Tracks and bombs seaborne and land targets by means of synchronized radar methods, using designated radar bombing equipment, while flying in a bombardment aircraft. Operates, adjusts, and maintains designated LAB radar bombing equipment, such as AN/APQ-5, AN/APA-5, or other similar sets, and accessory radar equipment such as AN/APN-1, and SCR-729; obtains radar data from radar operator; spots target range line with respect to target on the scope; maneuvers aircraft by means of pilot direction indicator or automatic pilot throughout bombing run, and bombs assigned target; makes preflight inspection of bombing set and accessory equipment, and is responsible for in-flight maintenance and adjustment of radar equipment and bombsight stabilizer.

Must have thorough knowledge of the functions, care, and application of the specific radar LAB equipment and accessories.

Must have qualified as bombardier (1035) and have completed prescribed AAF course for bombardier, radar, LAB. Knowledge of electrical theory desirable.

#### NAVIGATOR (1034)

Navigates aircraft over land and sea by dead reckoning, pilotage, and celestial and radio navigation to reach objective at a predetermined time without circling or departing from the intended track. Tests and inspects all navigation equipment prior to mission and reports to pilot; receives instructions as to destination, course, time of arrival, and weather reports; navigates aircraft by use of navigation instruments such as drift meter, pelorus, aircraft octant, radio compass, and aperiodic compass; computes effect of various factors on course and plots projected courses on chart; maintains log, initiates requests for radio aids, and checks position periodically; furnishes other crew members such data as wind direction and velocity, ground speed, and drift on any heading; checks data for errors after completion of flight and recalibrates navigation in-

struments. May be required to perform duties of a bombardier, gunner, copilot or radio operator.

Must be able to pinpoint position of aircraft by reference to map and visible landmarks. Navigate by celestial means; determine position by radio fix methods and send and receive radio telegraph code and visual blinker signals. Must be proficient in calibrating and ground swinging of magnetic compass; aligning drift meter and pelorus; calibrating airspeed meter, radio compass, and other navigation instruments. Must have thorough knowledge of machine-gun sights and deflection problem, and be familiar with effect of weather conditions on military operations. Must meet prescribed physical standards.

Must have completed navigation training prescribed by Army Air Forces.

Must have high school courses in mathematics and physics.

#### BOMBARDIER (1035)

Locates, identifies, and accurately bombs assigned targets from a bombardment airplane. Inspects and tests bombsight and allied bombing equipment at station prior to flight and reports to pilot; locates and identifies objective from data and maps furnished during preflight briefing; adjusts bombsight for specific conditions such as ground speed, altitude, and drift of airplane, by transposing these values into bombsight in accordance with mathematical tables; releases bombs when objective appears in the marking on bombsight, or uses judgment when airplane is forced to alter course; fires flexible mount machine guns or cannon at enemy aircraft; repairs malfunctioning equipment; writes reports of observations during flight.

Must be able to navigate during daylight hours by dead reckoning means with a maximum error of one and one-half degrees and a maximum E.T.A. error of one and one-half minutes per hour of flight from the last known position. Must be proficient in target identification and in selection of initial point to permit a bombing run of definite duration. Must be proficient in map reading and pilotage so that under normal weather conditions the pilot can be continually informed as to position. Must be proficient in "Follow the Pilot" system and be able to maintain a log correctly. Must be proficient in calibration of navigation instruments. Must have thorough knowledge of theory of bombing, and the bombsight, and of machine gun sights, and deflection at firing problems. Must be proficient in day and

night bombing under conditions of poor visibility, both in operating bombsight, use of bombrack and accessory equipment, and calibrating instruments used by bombardier. Must be qualified in flexible gunnery.

Should meet prescribed physical standards and must have successfully completed requirements for Bombardier prescribed by the Commanding General, Army Air Forces.

#### NAVIGATOR-BOMBARDIER (1036)

Performs duties of navigator and bombardier on bombing missions. Inspects and adjusts bombsights and navigation instruments and equipment prior to take-off; receives instruction as to objectives, weather conditions, and other pertinent information; navigates aircraft during flight; sights target, makes various mechanical adjustments, and directs pilot in making the bombing run; releases bombs when target appears at intersection of cross hairs in bombsight. May fire aerial guns when attacked by enemy aircraft.

Must have thorough knowledge of air navigation and bombing theory and be able to operate skillfully bombsight and navigation instruments. Must be alert and accurate in making calculations. Must meet the prescribed physical standards.

Must have completed celestial air navigation and bombardier training required by Army Air Forces.

Must have high school courses in mathematics.

#### NAVIGATOR-BOMBARDIER, RADAR, LAB (Designated Set) (1037)

Navigates by dead reckoning, celestial observations, and radar pilotage information, to and from designated targets while flying in a bombardment aircraft. Tracks and bombs seaborne and land targets by means of synchronized radar methods. Coordinates radar target position information furnished by radar operator with navigation information plotted from dead reckoning and celestial methods; operates, adjusts and maintains designated radar LAB equipment such as AN/APQ-5, AN/APA-5, or other similar sets, and accessory radar equipment such as AN/APN-1, and SCR-729; directs pilot in maneuvering of airplane through the bombing run; introduces necessary altitude and velocity factors into computer for establishment of bomb release line, and places bombs on target; makes preflight inspection of bombing set and accessory equipment, and is responsible for inflight maintenance and adjustment.

Must have thorough knowledge of the functions, care, and application of the specific radar LAB equipment and accessories, and understand the use of BABS facility.

Must have qualified as navigator (1034) or navigator-bombardier (1036) and have completed prescribed AAF course for navigator-bombardier, radar, LAB. Knowledge of electrical theory desirable.

#### PERSONAL EQUIPMENT OFFICER (1042)

Supervises the maintenance of and instructs in the proper use of emergency equipment, individual flying equipment, air/sea rescue equipment and other related items. Is responsible for the coordination of air/sea rescue equipment and other related items; is responsible for the coordination of air/sea rescue activities; insures availability of adequate supplies of equipment required, proper fit of personal flying equipment, and that each aircraft is properly equipped with all emergency and personal equipment; conducts frequent drills in crash landings and escape procedures; prepares reports on malfunctioning of equipment for which responsible, on all accidents caused by such malfunctioning and recommends corrective measures; inspects units under his jurisdiction for compliance with all War Department and Army Air Forces regulations and technical orders.

Must have thorough knowledge of equipment and procedures.

Military experience in Army Air Forces operations engineering or technical supply desirable.

#### PILOT-RADIO CONTROLLED TARGET (PQ TYPE) (1050)

Operates a PQ type radio controlled target airplane from control truck or control airplane and flies control airplane. Flies as safety pilot in target through all phases of adjustment and operation of target for antiaircraft and aerial gunnery training.

Must be a rated Army Air Forces single, twin, or multi-engined pilot, service pilot, or Woman Air Force Service Pilot, and have passed an Army Air Forces Radio Controlled Target Course.

#### PILOT, TWO-ENGINE (1051)

Pilots two-engine aircraft and commands crew. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off,

operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attacks, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition training in two-engine aircraft.

#### PILOT, SINGLE-ENGINE (1054)

Pilots single-engine aircraft and commands crew. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attacks, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition training in single-engine aircraft.

#### FIGHTER PILOT, SINGLE-ENGINE (1055)

Operates a single-engine fighter aircraft to obtain air superiority over enemy in order to free other combat units to carry out their missions. Supervises servicing of airplane and checks fuel supply, guns and ammunition, and functioning of airplane; receives instructions regarding mission, route, formation, altitude, weather conditions, and other information; takes off singly or in formation and accomplishes mission by offensive action, although usually avoiding combat; loads and fires fixed guns; flies on strafing, interceptor, patrol, escort, or protective missions. May fly night missions with use of day fighter equipment, especially in coordination with searchlights.

Must be able to take off and land rapidly under extreme conditions of weather or combat, to fly all types of formations, to execute all offensive and defensive tactics against hostile air and surface forces, and to identify hostile and friendly aircraft and equipment.

Must be familiar with meteorology and general and local flying regulations. Must meet prescribed physical standards.

Must have completed flight training at an Army Air Forces training center.

#### FIGHTER PILOT, TWO-ENGINE (1056)

Operates a two-engine fighter aircraft to obtain air superiority over enemy in order to free other combat units to carry out their missions. Supervises servicing of airplane and checks fuel supply, guns, and ammunition, and functioning of airplane; receives instructions regarding mission, route, formations, altitude, weather conditions, and other information; takes off singly or in formation and accomplishes mission by offensive action, although usually avoiding combat; loads and fires fixed guns; flies on strafing, interceptor, patrol, escort, or protective missions. May fly night missions with use of day fighter equipment, especially in coordination with searchlights.

Must be able to take off and land rapidly under extreme conditions of weather or combat, to fly all types of formations, to execute all offensive and defensive tactics against hostile air and surface forces, and to identify hostile and friendly aircraft and equipment. Must be familiar with meteorology and general and local flying regulations. Must meet prescribed physical standards.

Must have completed flight training at an Army Air Forces training center.

#### NIGHT FIGHTER PILOT, TWO-ENGINE (1058)

Operates two-engine night fighter aircraft to obtain air superiority over enemy in order to free other combat units to carry out their missions. Supervises servicing of airplane and checks fuel supply, guns and ammunition, and functioning of airplane; receives instructions regarding mission, route, altitude, weather conditions, and other information; flies by contact and instrument and executes interception missions by means of airborne radio equipment.

Must be able to take off and land rapidly under extreme conditions of weather or combat, to fly all types of formations, to execute all offensive and defensive tactics against hostile air and surface forces, and to identify hostile and friendly aircraft and equipment. Must be familiar with meteorology and general and local flying regulations. Must meet prescribed physical standards.

Must possess maturity of judgment and evenness of temperament. Training in use of airborne radio equipment essential.

## TACTICAL RECONNAISSANCE PILOT, SINGLE-ENGINE (1061)

Operates a single-engine reconnaissance aircraft to obtain visual and photographic information of enemy territory and installations. Checks equipment prior to mission to insure that camera installation, film, and other photographic equipment is in proper functioning condition; receives instructions regarding mission including route, altitude, weather conditions, and other information; takes off singly or in formation and accomplishes missions by obtaining intelligence information and avoiding intercepting aircraft and antiaircraft fire.

Must be capable of expert pin-point navigation to obtain accurate visual and photographic reconnaissance of assigned targets. Must be familiar with the various focal length cameras and the coverage obtained by vertical or oblique photography. Must be capable of reading large and small scale contour maps. Must be capable of adjusting artillery fire beyond the control of organic field artillery aviation and have knowledge of tactics and weapons employed by the ground forces, both enemy and friendly. Must have thorough knowledge of tactics and technique of evasion from both enemy fighters and antiaircraft fire and be able to take off and land under adverse weather and combat conditions.

Must have completed training at the Tactical Reconnaissance School or its equivalent in tactical organizations.

## PHOTO-RECONNAISSANCE PILOT, TWO-ENGINE (1062)

Operates a two-engine reconnaissance aircraft to obtain photographic and intelligence information of enemy territory and installations. Supervises the servicing of airplane and checks cameras and equipment to insure that proper focal length cameras and sufficient film are installed to accomplish the mission; receives instructions regarding mission, route, formations, altitude, weather conditions, and other pertinent information; takes off singly and accomplishes mission by photographing enemy positions and avoiding enemy intercepting aircraft.

Must be able to take off and land under adverse weather and combat conditions. Must be thoroughly versed in tactics and technique of evasion from both enemy fighters and antiaircraft fire. Must have a thorough knowledge of meteorology and be capable of sustained extreme high altitude flight. Must meet prescribed physical standards and have undergone high altitude pressure chamber indoctrination.

Must have completed training at the Photo Reconnaissance Training School or its equivalent in tactical organizations.

## HELICOPTER PILOT (1066)

Pilots helicopter aircraft and commands crew. Ascertains, prior to mission, that helicopter has been properly inspected by crew members; takes off, operates, and lands helicopter under varying flying conditions such as adverse weather, night flying, flying in the proximity of obstacles, etc.; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must meet prescribed physical standards. Must be a rated, heavier than air, pilot and have completed approved transition training in a helicopter.

## PILOT, B-25 (1081)

Pilots B-25 aircraft and commands crew in the accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attack, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition and tactical training in B-25 aircraft.

## PILOT, B-26 (1082)

Pilots B-26 aircraft and commands crew in the accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attack, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition and tactical training in B-26 aircraft.

#### PILOT, A-26 (1083)

Pilots A-26 aircraft and commands crew in accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attacks, and low-altitude, and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards. Must be a rated pilot and have completed transition and tactical training in A-26 aircraft.

#### PILOT, B-17 (1091)

Pilots B-17 aircraft and commands crew in the accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attack, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition and tactical training in B-17 aircraft.

#### PILOT, B-24 (1092)

Pilots B-24 aircraft and commands crew in the accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attack, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know

tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition and tactical training in B-24 aircraft.

#### PILOT, VERY HEAVY BOMBER (1093)

Pilots very heavy bombardment aircraft and commands crew in accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attacks, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition and tactical training in very heavy bombardment aircraft.

#### PILOT, B-32 (1094)

Pilots B-32 aircraft and commands crew in accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attacks, and low-altitude and night flying; maintains flight record and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards. Must be a rated pilot and have completed transition and tactical training in B-32 aircraft.

#### COAST ARTILLERY UNIT COMMANDER (1102)

Commands a mobile or fixed coast artillery unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations,

formulates decisions, and maintains communication; directs mobile or fixed coast artillery unit within and outside the harbor defense in defense of harbors, naval bases, seaports, anchorages, beaches, and other coastal areas against land, sea, or air attack; directs conduct of fire, fire direction, and fire control; selects sites and plans lay-out of seacoast artillery batteries; selects alternate and withdrawal positions; prepares defense of mine fields, nets, and booms not covered by fixed rapid-fire armament; prevents close approach of hostile transports for debarking landing troops; destroys hostile landing boats beyond range of light artillery and machine guns; destroys hostile elements which may land; directs training of unit in harbor and coast defense techniques and weapons.

Must have thorough knowledge of coast artillery tactical and technical operations. Should be familiar with naval formations and tactics and with characteristics of various types of naval vessels. Must have thorough knowledge of tractor-drawn and fixed guns such as 155-mm, 6-inch disappearing carriage and barbette, 3-inch barbette, 75-mm and 37-mm, 12-inch mortar, and light and heavy machine guns, aiming circles, range finders, and surveying instruments. Should have knowledge of mathematics through trigonometry.

Military experience with special knowledge of heavy weapons and graduation from coast artillery officers' school essential.

#### RAILWAY COAST ARTILLERY UNIT COMMANDER (1105)

Commands a railway coast artillery unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs railway coast artillery unit within and outside the harbor defense in defense of harbors, naval bases, seaports, anchorages, beaches, and other coastal areas against land and sea attacks; directs conduct of fire, fire direction, and fire control; selects sites and plans lay-outs of railway artillery units; prevents close approach of hostile transports for debarking landing troops; destroys hostile landing boats beyond range of lighter artillery; reinforces fixed guns in harbor defense installations; coordinates emplacement time with subsequent movements and prepares concrete gun blocks; directs makeup of armament trains,

including distribution of cars; directs training of unit in harbor and coast defense techniques and in use of railway-mounted weapons and equipment.

Must have thorough knowledge of coast artillery tactical and technical operations and technical information such as locomotive data, turn-out data, track gages, fire control, and tables of expansion, and be thoroughly familiar with railway-mounted weapons and their emplacement such as 8-inch barbette on railway car, 8-inch gun on railway mount, 12-inch mortar on railway car, 12-inch gun on railway mount, and 14-inch gun on railway mount. Must be able to supervise railway artillery personnel including signalmen, trackmen, section hands, firemen, and switchmen. Should have knowledge of mathematics through trigonometry.

Military experience with specialized knowledge of military railway operations and railway-mounted weapons and graduation from coast artillery officers' school essential.

Civilian executive or administrative experience in railroad operation desirable.

#### BARRAGE BALLOON UNIT COMMANDER (1112)

Commands a barrage balloon unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations against aerial attacks, formulates decisions, and maintains communication; provides local protection for ground establishments and ground forces such as isolated important factories, vulnerable points of large industrial areas, shipyards and docks, harbors and channels, fleets at anchor, and supply centers; exercises operational control of unit such as changing operational height of balloons and close-hauling or bedding down balloons in unfavorable weather situations; coordinates employment of unit with anti-aircraft artillery and aviation; directs compilation of information concerning hostile aerial activity such as types of airplanes, character and method of attack, and routes of approach; selects balloon and winch sites; directs training of unit in barrage balloon techniques and use of light weapons, such as machine guns.

Must have thorough knowledge of tactical and technical operation of barrage balloons, aerostatics, the thermodynamic behavior of gases, and the operation and construction of hydrogen generation and

helium purification apparatus. Knowledge of meteorology desirable.

Military experience with specialized knowledge of barrage balloon tactical and technical operations and graduation from coast artillery officers' school essential.

#### BARRAGE BALLOON CONTROL OFFICER (1113)

Assists barrage balloon commander in planning and coordinating tactical operations and supervises barrage control unit. Transmits to subordinate unit tactical commands of barrage balloon commander; assembles and controls all data relative to tactical control of balloons, wind and weather conditions, and air activity; maintains operation maps and controls; assists in coordinating employment of unit with antiaircraft artillery and aviation; assists in selecting balloon and winch sites.

Must have thorough knowledge of tactical and technical operations of barrage balloons, aerostatics, the thermodynamic behavior of gases, and the operation and construction of hydrogen generation and helium purification apparatus. Knowledge of meteorology desirable.

Military experience with specialized knowledge of barrage balloon tactical and technical operations and graduation from coast artillery officers' school essential.

#### BARRAGE BALLOON ENGINEER (1116)

Assists and advises barrage balloon commander and staff on technical matters regarding rigging, balloon repair, winches, and general engineering problems of unit. Establishes, maintains, and operates material repair unit; inspects and advises on repair of equipment in field and certifies to serviceability and repairability of equipment turned in by commanders for survey or other disposition; supervises and coordinates the execution of repair work on winches and balloons; supervises and maintains a retriever detail for recovery of escaped balloons; insures regular inspection of equipment and maintains equipment records at balloon sites; supervises and coordinates technical training of riggers, fabric repairmen, winch operators, and armorers.

Military experience in maintenance and repair of balloons, winches, and rigging, and graduation from coast artillery officers' school essential.

Civilian knowledge and experience in similar or related fields desirable.

#### UNDERWATER RANGING UNIT COMMANDER (1122)

Commands a coast artillery underwater ranging unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; supervises listening, echo, and range groups in computing location of friendly and hostile craft; supervises transmission of data to coast artillery ground ranging and submarine mine units to be used in firing artillery and submarine mines; supervises installation, maintenance, and manning of underwater detector, listener, and echo devices; coordinates work of unit with coast artillery ground ranging and submarine mine units; supervises training of unit in use of coast artillery position finding equipment and apparatus.

Must have thorough knowledge of coast artillery tactical and technical operations with specialized knowledge of position finding equipment and apparatus. Should be familiar with naval formations and tactics and with characteristics of naval vessels. Must be able to supervise coast artillery personnel such as azimuth and elevation listeners, echo device operators, plotters, spotters, range correction board operators, deflection board operators, observers, readers, and recorders. Knowledge of mathematics through trigonometry desirable.

Military experience and graduation from coast artillery officers' school essential.

#### SEARCHLIGHT UNIT COMMANDER (1132)

Commands a searchlight unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; supervises maintenance, technical operation, and supply of searchlight and sound locator equipment; determines exact number and location of searchlights in particular areas and is responsible for the illumination of targets operating within effective range of lights; determines employment of searchlights as barrier, searching, or illuminating lights; supervises maintenance and care of searchlights, power plants, and sound locators; coordinates sound detector and searchlight work for

most effective operation; directs training of unit in sound detection and searchlight techniques.

Must have thorough knowledge of tactical and technical operations of searchlights, searchlight direction and control, and sound detection and be able to supervise work of azimuth and elevation listeners and controllers, searchlight operators, power plant operators, acoustic corrector operators, and telephone operators. Should be familiar with naval and air formations and tactics and with characteristics of various types of vessels and airplanes.

Military experience with specialized knowledge of searchlights, searchlight direction and control, sound and illumination phenomena, and completion of searchlight officer course essential.

#### SUBMARINE MINE UNIT COMMANDER (1143)

Commands a mine unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of organization; directs and controls tactical employment of organization in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; coordinates Army and Navy operations in planning, installing, maintaining, and conducting underwater defense elements of harbors; directs location of mine fields and decides number, sizes, and types of mines to be used; directs location of searchlights and guns for protection of mine fields; renders mine fields safe for passage by friendly vessels; determines and prescribes laying of obstacles other than mines, such as nets, booms, and piles; directs functioning of range unit in detecting and plotting location of hostile seacraft; directs control and type of fire used in defense such as contact fire, delayed contact fire, and observation fire; directs training of unit in submarine mine techniques.

Must have thorough knowledge of tactical and technical operations of submarine mines, electrical control apparatus, and methods of planting and controlling mine field. Should be familiar with naval formations and tactics and with characteristics of various types of naval vessels and have knowledge of mathematics through trigonometry.

Military experience with special knowledge of submarine mines and graduation from coast artillery officers' school essential.

#### SOUND AND FLASH OBSERVATION UNIT COMMANDER (1154)

Commands a sound and flash observation unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs and supervises surveys to accurately locate flash observation posts, to lay out the straight lines for locating sound ranging microphones, and to establish topographic control between flash observation posts or sound ranging microphones and control points; confers with other ranging officers to receive general instructions regarding the location and lay-out of the proposed ranging system; supervises the survey crew in making surveys and checks the survey notes and computations to determine that the traverse and position findings surveys have been accurately made; transmits completed maps and charts, with computations, to fire direction centers for use in computing fire control data.

Must be skilled in the use of surveying equipment and have thorough knowledge of methods and techniques used to locate positions for flash observation posts and sound pick-up microphone locations.

Military experience essential. Should include completion of a course in sound and flash ranging at field artillery school and experience in an observation unit.

College degree in civil engineering desirable.

#### COAST ARTILLERY OFFICER, STAFF (1159)

Advises commander and staff on coast artillery matters in harbor defense or other coastal area. Directs training of coast artillery unit; prepares plans for use and allotment of coast artillery units; coordinates searchlight and other observation, signal communication, and liaison within coast artillery; supervises supply of meteorological data for coast artillery; determines requirements, recommends apportionment, and supervises distribution of coast artillery ammunition; coordinates fire of coast artillery subordinate units; plans coast artillery missions to be performed by observation aviation; collects and disseminates information pertaining to hostile naval formations through coast artillery and aviation observation agencies.

Must have thorough knowledge of coast artillery tactical and technical operations. Should be familiar

with naval formations and tactics, and with characteristics of various types of naval vessels. Knowledge of mathematics through trigonometry desirable.

Military experience, with wide experience in command of coast artillery units and graduation from coast artillery officer school essential. Should have completed courses at Command and General Staff School.

College education in the field of civil engineering desirable.

#### HARBOR DEFENSE UNIT COMMANDER (1160)

Commands a harbor defense organization and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of organizations; directs and controls tactical employment of organization in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; prepares complete harbor defense plans and coordinates plans with naval units; directs organization in defense of harbors, naval bases, seaports, anchorages, beaches, and utilities against sea, air, and land attack; directs maintenance of harbor defense armament, auxiliary apparatus and equipment such as fixed and mobile seacoast artillery, anti-aircraft artillery, searchlights, submarine mines, underwater listening posts, observation and fire control systems, harbor patrol boats, and supporting aircraft; organizes armament to facilitate fire direction and control, and insure effectiveness; directs preparation of charts depicting area of zone covered by fire, concentrations of fire possible on land and water, and areas within which naval vessels may be attacked; directs training of organization in harbor defense techniques, weapons, and apparatus.

Must have comprehensive knowledge of tactical and technical operations in effecting adequate harbor, naval base, seaport, anchorage, and beach defense against sea, air, and land attack.

Considerable military experience in command and staff functions essential. Should be graduate of Command and General Staff School.

Civilian executive or administrative experience desirable.

College education in engineering very desirable.

#### HARBOR ENTRANCE CONTROL POST OFFICER (1161)

Directs surveillance of harbor, harbor entrance, and harbor approaches. Supervises observers, plot-

ters, signal men, telephone and teletype operators, and other assigned personnel; maintains liaison with the Navy unit stationed at the control post; gives firing commands to alerted battery in emergency.

Must have thorough knowledge of joint Army-Navy procedures and responsibilities in harbor defense operations. Must be well qualified in coast artillery communication systems.

Military experience, including thorough knowledge of coast artillery tactical and technical operations essential.

#### GROUND RANGING UNIT COMMANDER (1164)

Commands a coast artillery ground ranging unit of harbor defense or other coastal area organization and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; supervises use and adjustment of position finding equipment; directs operations of observation station, spotting stations, base end stations, and plotting room; supervises the adjustment of fire in range and direction; coordinates work of unit with underwater ranging and submarine mine units; supervises training of unit in use of coast artillery position finding equipment and apparatus.

Must have thorough knowledge of coast artillery tactical and technical operations, with specialized knowledge of position finding equipment and apparatus. Should be familiar with naval formations and tactics and with characteristics of various types of naval vessels. Must be able to supervise coast artillery personnel such as plotters, platen operators, plotting arm setters, spotters, spotting board operators, range correction board operators, deflection board operators, observers, readers, recorders, and telephone operators. Knowledge of mathematics through trigonometry desirable.

Military experience and graduation from coast artillery officer school essential.

#### SEACOAST GUN DATA COMPUTER OFFICER (Designated Equipment) (1165)

Commands a Coast Artillery ground ranging unit of harbor defense or other coastal area organization in the operation of director or computer equipment and is responsible for its training and tactical employment. Supervises use and adjustment of design-

nated director or computer as a position finding instrument; directs operations of observation stations, spotting stations, base end stations, and plotting room; supervises the adjustment of fire in range and direction against naval targets, using director or computer designated; directs supply, equipment, transportation and security activities of unit; directs and controls tactical employment of unit in combat; evaluates intelligence, estimates situations, formulates decisions, and maintains communications; coordinates work of unit with underwater ranging and submarine mine units; supervises training of unit in use of designated director or computer as position finding equipment.

Must have thorough knowledge of Coast Artillery tactical and technical operations, with specialized knowledge of operation and theory of operation of director or computer designated. Must be able to supervise Coast Artillery personnel such as spotters, spotting board operators, observers, readers, recorders, fire adjustment board operators and operators of director or computer designated. Knowledge of mathematics through trigonometry desirable.

Must have completed a course of instruction at the Coast Artillery School on the director or computer designated.

Training in electrical or mechanical engineering desirable.

#### **ARTILLERY ENGINEER (1166)**

Supervises the operation and maintenance of communications, position finding, and power generating equipment necessary to operate a fire control system for seacoast batteries. Advises the harbor defense commander on technical questions pertaining to the repair, maintenance, and operation of systems of fire control, communication, searchlights, power plants, lines of power distribution, and other matters pertaining to the technical aspects of fortification installations; maintains liaison with the various technical services on these matters; supervises the preparation of surveying data on which the fire control equipment is oriented and checked. May be required to maintain property accountability of Signal Corps and other property pertaining to the fortifications. Maintains liaison with United States engineer construction services on all matters pertaining to plans and projects for the amplification and modernization of the harbor defense fortifications. May prepare reports pertaining to changes in material assignments and construction, and submit maps, charts, and cost estimates in support of changes.

Must have tactical knowledge of fixed coast artillery and technical knowledge of allied communication and power systems and equipment.

Must have knowledge of fire control maps and orientation data required to operate coast artillery batteries and observation equipment. Should have working knowledge of map projecting, fortification, construction, and field surveying methods. Should have knowledge of Signal, Engineer and Ordnance supply.

#### **ANTIAIRCRAFT GUN UNIT COMMANDER (1172)**

Commands a mobile or semimobile antiaircraft gun unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs fire and gives the necessary fire instructions for defense against enemy airplanes and works in coordination with barrage balloon units in the defense of positions; assigns missions to subordinate units, plans and coordinates antiaircraft defenses to protect installations and friendly troops from low flying bombing and strafing airplanes, and advises higher commanders and supporting units as to antiaircraft defenses.

Must have an extensive knowledge of the employment of antiaircraft units in support of other arms. Must know the operation and maintenance of 3-inch, 90-mm, 40-mm, and 37-mm antiaircraft guns and their fire control. Must be familiar with radar or radio control of antiaircraft guns.

Military experience and graduation from antiaircraft officers' school essential.

#### **ANTIAIRCRAFT AUTOMATIC WEAPONS UNIT COMMANDER (1174)**

Commands an antiaircraft automatic weapons unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs and controls guns and fire control units and service of equipment relative to antiaircraft automatic weapons of the cannon type; supervises operations of guns pointed to the firing azimuth, and quadrant elevation by remote control units; disposes

antiaircraft artillery initially to protect the organization and occupation of battle positions; determines on what front the enemy is making his main attack, and concentrates antiaircraft artillery to defend friendly troop concentrations from hostile air observation and attack; selects positions of antiaircraft artillery employed in defense against mechanized attack.

Must have thorough knowledge of antiaircraft weapons and antiaircraft fire control and must know the fundamentals of exterior ballistics and gunnery and methods of fire control. Should be familiar with air formations, tactics and characteristics of various types of aircraft, and tactics and characteristics of armored vehicles.

Military experience essential. Completion of automatic weapons course at an antiaircraft school desirable.

#### **ANTIAIRCRAFT ARTILLERY OPERATIONS OFFICER (1175)**

Represents the unit commander in tactical matters involving the collection and dissemination of information concerning flights of aircraft, both hostile and friendly, and other combat intelligence. Directs and supervises the fire control center from the antiaircraft gun operations room; reviews intelligence reports and checks communication; orders various stages of alert for antiaircraft artillery batteries; coordinates the firing of antiaircraft artillery batteries; evaluates information as reported to operations room and plotted on maps of area covered, such as number, type, height, and course of aircraft reported by observers and radars, and directs activities of antiaircraft artillery defense accordingly.

Military experience and a knowledge of communication, combat intelligence methods, and organization of antiaircraft artillery essential.

#### **COMPOSITE ANTIAIRCRAFT UNIT COMMANDER (1176)**

Commands a composite coast artillery unit consisting of antiaircraft guns, barrage balloons, and related equipment and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit, directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; provides local protection against aerial attacks for ground forces and ground establishments such as isolated important factories, vulnerable points of large industrial areas, shipyards

and docks, harbors and channels, fleets at anchor, and supply centers; coordinates employment of barrage balloons with antiaircraft fire of unit when attacked; exercises operational control of balloons such as changing operational heights and close-hauling and bedding down in unfavorable weather; coordinates employment of unit with supporting antiaircraft and aviation units; selects balloon and winch sites; directs training of unit in barrage balloon techniques and use of antiaircraft weapons.

Must have thorough knowledge of tactical and technical operations of barrage balloons coordinated with antiaircraft fire, aerostatics, the thermodynamic behavior of gases, and the operation of hydrogen generation and helium purification apparatus. Knowledge of mathematics through trigonometry essential; knowledge of meteorology desirable. Familiarity with antiaircraft weapons such as 40-mm, 90-mm, and machine guns essential.

Military experience with specialized knowledge of barrage balloon and antiaircraft tactical and technical operations and graduation from coast artillery officers' school essential.

#### **AIRBORNE ANTIAIRCRAFT UNIT COMMANDER (1177)**

Commands an airborne antiaircraft unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; supports and protects later waves of airborne troops from hostile aircraft; leads unit on specific missions for seizure and protection of landing area including road blocking missions, and control of local signal communication; directs unit in antimechanized defense.

Must have thorough knowledge of airborne methods and be thoroughly qualified in the tactical and technical employment of airborne antiaircraft artillery and equipment, .30- and .50-caliber machine guns, and 37-mm antiaircraft gun.

Military experience including graduation from antiaircraft officers' school with specialized instruction in employment of antiaircraft artillery in airborne operations essential.

#### **ANTIAIRCRAFT OFFICER, STAFF (1179)**

Advises commander and staff on all antiaircraft matters, including passive defense measures. Di-

rects training of antiaircraft unit; prepares plans for use and allotment of antiaircraft units; coordinates observation, signal communication, and liaison within antiaircraft units; determines requirements, recommends apportionment, and supervises distribution of antiaircraft ammunition; coordinates fire of antiaircraft subordinate units; plans antiaircraft missions for observation aviation; collects and disseminates information pertaining to hostile air formations through aviation and naval observation agencies.

Must have thorough knowledge of antiaircraft tactical and technical operations. Should be familiar with aircraft formations and tactics and with characteristics of various types of aircraft. Knowledge of mathematics through trigonometry desirable.

Military experience with experience in command of antiaircraft units and graduation from antiaircraft officers' school essential. Should have completed courses at Command and General Staff School.

#### RECONNAISSANCE AND SURVEY OFFICER (1183)

Supervises reconnaissance of a field artillery gun or howitzer unit, acting as agent for the commanding officer. Coordinates and establishes communication and observation within the unit and supported units; directs surveys to orient gun position and to locate points in target area; directs preparation of firing charts and computes firing data.

Must be able to set up and operate all fire direction instruments such as BC telescopes, aiming circles, transits, and other surveying instruments. Must have knowledge of operation and maintenance of communication systems used in field artillery. Knowledge of mathematics through trigonometry desirable.

Military experience including completion of course in field artillery officers' school essential.

Civilian experience or training in civil engineering or telephone and radio communication desirable.

#### ROCKET PROJECTOR UNIT OFFICER (1187)

Commands a rocket projector unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions and maintains communication; di-

rects fire of unit in support of other arms; supervises fire of unit in neutralization and destruction of targets dangerous to supported areas; employs fire on unprotected enemy personnel to interdict hostile movements and to neutralize enemy observation.

Must have thorough knowledge of Field Artillery tactical and technical operations with a specialized knowledge of rocket projectors.

Military experience and graduation from field artillery officer's school desirable.

#### FIRE DIRECTION OFFICER (1188)

Supervises a fire direction center. Trains personnel, such as horizontal control operators, vertical control operators, and computers; is primarily responsible that artillery fire is placed on designated targets at prescribed time; uses observed fire charts when directing fires without survey; operates firing charts when survey is completed and determines corrections and application of corrections for targets; when target is to be fired on by the battalion, specifies the component parts of fire commands such as ammunition, charge, fuse, amount, concentration number, method of fire, batteries to fire, adjusting battery, zones, and types of fire.

Must be able to set up and operate fire direction instruments, such as aiming circle, range finder, and surveying instruments. Must know how to use grid sheets, aerial photographs, and battle maps, and have knowledge of communication as used in field artillery. Should have working knowledge of mathematics through trigonometry.

Military experience including graduation from field artillery officers' school essential.

Civilian experience as civil engineer desirable.

College training in civil engineering desirable.

#### FORWARD OBSERVER, ARTILLERY (1189)

Directs the fire of an artillery unit from a forward position. Observes shell bursts and adjusts fire by forward observation or computation methods; consults with commanders of supported unit in determination of appropriate artillery targets, normal barrage, and zones of defense; trains personnel in procedures of artillery operation; organizes observation posts; sets up and maintains communication systems.

Must know artillery methods in direction of fire, use of fire direction instruments, such as aiming circle, BC telescope, and range finder. Must be

familiar with military maps and their interpretation. Should have experience with a firing battery and know potentialities and limitations of particular type of artillery involved. Knowledge of mathematics through trigonometry desirable.

Military experience including graduation from artillery officers' school essential.

#### **PARACHUTE FIELD ARTILLERY UNIT COMMANDER (1190)**

Commands a parachute field artillery unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; leads unit in seizing and holding or otherwise exploiting important tactical localities in conjunction with or pending arrival of other military or naval units; provides heavy weapon fire assistance and protection to parachute infantry units; coordinates unit with parachute infantry units in seizure and clearance of landing fields, beachheads, and other strong points; provides covering fire for parachute infantry units engaged in destruction of bridges, railroads, locks, and utilities; supervises training of unit in rugged individual fighting.

Must have thorough knowledge of parachute packing, repairing, rigging, supply, and storage. Must be qualified parachutist and must be proficient in map reading and tactical employment of parachute and glider troops. Must be thoroughly familiar with the employment of 75-mm pack howitzers, their loading in air transports, and preparation for landing by parachute.

Military experience including graduation from parachute and field artillery schools essential.

#### **INFANTRY CANNON UNIT COMMANDER (1192)**

Commands an infantry cannon unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situation, formulates decisions, and maintains communication; coordinates combat employment of infantry cannon unit with supporting artillery and infantry heavy weapons units; maintains contact with artillery and cannon unit forward observers to insure proper control and direction of fire on targets; engages targets which

escape fire of artillery and infantry heavy weapons units; destroys enemy barbed wire defenses, mortars, pill boxes, and troop concentrations; assists in defense against mechanized and armored attack; supervises training of unit in infantry techniques and use of 105-mm gun and infantry weapons and grenades.

Must have thorough knowledge of infantry tactical and technical operations with specialized knowledge of 105-mm guns.

Military experience and graduation from infantry officers' school with additional training or experience in the employment of light artillery essential.

#### **FIELD ARTILLERY UNIT COMMANDER (1193)**

Commands a truck or horse-drawn field artillery unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs fire of unit in support of other arms; supervises fire of unit in neutralization and destruction of targets dangerous to supported areas; establishes depth to combat by counterbattery fire on hostile reserves, by restricting movements in rear areas, and by disrupting hostile command agencies; employs fire on unprotected enemy personnel, and on hostile tanks within field of fire to interdict hostile movements and to neutralize enemy observations; supervises training of unit in field artillery techniques and use of field artillery weapons.

Must have thorough knowledge of field artillery tactical and technical operations with specialized knowledge of field artillery weapons such as 75-mm, 105-mm, 155-mm, and 240-mm guns and howitzers.

Military experience and graduation from field artillery officers' school essential.

#### **PACK FIELD ARTILLERY UNIT COMMANDER (1194)**

Commands a pack field artillery unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; leads pack artillery unit following foot and mounted elements; establishes defilade gun positions in moun-

tainous terrain overlooking valleys; decentralizes control of artillery; observes conduct of fire by ground observation; reconnoiters and establishes command posts; conducts interdiction fires on points where enemy is compelled to pass; furnishes maximum assistance of fire power to supported units. May employ pack artillery in jungle warfare.

Must have thorough knowledge of preparation of packs saddling, packing, slinging, and lashing of loads to pack saddles, and breaking, training, and care of pack animals, and horsemanship. Must be familiar with maintenance of pack field artillery equipment, have thorough understanding of technical and tactical operations of artillery equipment, and be familiar with terrain features affecting movement and fire of pack artillery.

Military experience essential. Should include graduation from artillery officers' school with additional training in a pack artillery unit.

#### AIRBORNE FIELD ARTILLERY UNIT COMMANDER (1195)

Commands an airborne field artillery unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs training in artillery adaptable to airborne transportation; prepares plans for allotment, allocation, and distribution of ammunition, artillery, and equipment; supervises observation, signal communication, and liaison activities; prepares plans for disassembly and assembly of pack artillery and packing of artillery in gliders or transport airplanes. Leads unit, in the support of airborne infantry troops, by supplying fire power and shock action against heavy hostile installations.

Must be trained in airborne methods and be thoroughly qualified in the tactical and technical employment of airborne artillery and equipment.

Military experience essential and should include graduation from field artillery officers' school with specialized instruction in employment of pack artillery in airborne operations.

#### ARMORED FIELD ARTILLERY UNIT COMMANDER (1197)

Commands an armored field artillery unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, trans-

portation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; employs armored field artillery in support of tank attacks, support of armored infantry, formulation of the artillery plan of fires, advance guard action, and attack against hostile fortified positions.

Must have knowledge of half and full tracks and vehicles used in armored field artillery, employment and maintenance of 105-mm and 75-mm howitzers and other small arms, use and maintenance of signal communication such as radio, telephone, and visual signaling. Must have knowledge of tactics employed by the armored force.

Military experience with specialized knowledge of armored force equipment and graduation, from field artillery officers' school essential.

#### FIELD ARTILLERY OFFICER, STAFF (1199)

Advises commander and staff on field artillery matters. Supervises training of field artillery unit; prepares plans for use of field artillery and its allotment to subordinate units; coordinates survey system within field artillery units; supervises observation, signal communication, and liaison within field artillery; supervises supply of meteorological data for field artillery; determines requirements, recommends apportionment, and supervises distribution of field artillery ammunition; coordinates fire of field artillery subordinate units; plans artillery missions to be performed by observation aviation; collects and disseminates information pertaining to hostile artillery and other targets through artillery intelligence agencies.

Must have thorough knowledge of field artillery tactical and technical operations. Knowledge of mathematics through trigonometry desirable.

Military experience, with wide experience in command of field artillery units and graduation from field artillery officers' school essential. Should have completed courses at Command and General Staff School.

College education in field of civil engineering desirable.

#### TANK UNIT COMMANDER (1203)

Commands a light, medium, or heavy tank unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, material, transportation, and security activities of

unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; leads unit in attack, and counterattack; directs employment of tanks in accordance with nature of the terrain and disposition of hostile installations and troop concentrations; plans disposition of tanks in the attack and assigns primary and secondary missions; coordinates communication and fire of tanks with supporting artillery, and aviation; employs tank unit in retrograde and defensive actions to delay and hamper movements of enemy units. May command a light tank unit employed in support of reconnaissance troops.

Must have thorough knowledge of tanks and armored vehicles, their tactical employment, and coordination with other units. Must know maintenance and operation of tank equipment and armament.

Military experience essential. Should have graduated from armored force officers' school.

#### ARMORED RECONNAISSANCE UNIT COMMANDER (1204)

Commands an armored reconnaissance unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions and maintains communication; rides in an armored reconnaissance car during combat and directs the tactical employment of unit by means of radio or flag signals; leads unit in offensive combat to gain information; leads advance to contact enemy boundaries and phase lines; employs unit to locate enemy's flanks and rear, constantly reporting the situation to headquarters; penetrates hostile covering forces to determine enemy disposition; leads unit in envelopments, seizing of critical areas, and in pursuit; directs defensive and retrograde movements, and counterreconnaissance.

Must have thorough knowledge of the tactical operations of armored units for reconnaissance and tactical purposes, and be familiar with construction, operation, and maintenance of armored vehicles, armament, and communication.

Military experience essential. Graduation from armored force or mechanized cavalry school very desirable.

#### ARMORED MORTAR UNIT COMMANDER (1205)

Commands an armored mortar unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs laying of smoke screens and employment of high explosives projectiles against enemy installations and concentrations; employs unit in destruction of road blocks, and machine-gun emplacements; routes and destroys hostile troops in defilade positions.

Must have thorough knowledge of armored mortar units, small arms, and weather and terrain factors affecting smoke barrages. Must be familiar with operation and maintenance of armored vehicles, armament, and communication. Should have knowledge of mathematics through trigonometry.

Military experience essential. Should have graduated from armored force school.

#### ARMORED ASSAULT GUN UNIT COMMANDER (1207)

Commands an armored assault gun unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situation, formulates decisions, and maintains communication; selects positions and routes of march; acts as navigator; locates observation posts; lays guns by use of instruments or by direct laying; estimates ranges and gives command to fire; observes and adjusts fire on targets, renders immediate controlled fire support to various elements of the division; employs unit to destroy heavy hostile installations and artillery emplacements; renders counterbattery fire for other armored force units.

Must have thorough knowledge of assault guns and equipment, such as half-track mounting 75-mm howitzers, light tank chassis mounting 75-mm howitzers, trackless tank chassis mounting 3-inch antiaircraft cannon, and self-propelled 155-mm guns.

Military experience essential. Should have graduated from field artillery officers' school with additional training at armored force school.

## **ARMORED FORCE TRAIN COMMANDER (1219)**

Exercises tactical command of various service elements transporting troops, vehicles, ammunition, food, fuel, and other supplies of an armored force unit. Plans, directs, and controls the movement of elements comprising the trains; selects bivouac areas, divides them into unit areas, and controls the movement of units into and out of bivouac areas; releases and attaches unit trains and controls movement to and from point of unit control; plans and directs measures for the security of the trains on the march and in bivouac, by passive and active measures, such as dispersion of vehicles and employment of antiaircraft defenses; directs the training of train headquarters and headquarters company and the training of component units of the train. May command a column of division trains.

Should be thoroughly familiar with tactical control of armored force units.

Military experience essential. Should have graduated from armored force officers' school.

## **TANK DESTROYER UNIT COMMANDER (1222)**

Commands a tank destroyer unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs tank destroyer unit in offensive and defensive operations of tank warfare; prepares beach defenses; assists field artillery units in fire missions; supervises defense of parachute troops; sets up protection of units in bivouac; selects and assigns alternate and supplementary firing positions; plans and executes tank ambushes and raids; directs training of personnel in infantry arms and in tank destroyer weapons and vehicles.

Must have thorough knowledge of tank destroyer tactical and technical operations with specialized knowledge of mechanized equipment; must be experienced in use of rifles, carbine, light and heavy machine guns, 37-mm, 75-mm, and 3-inch guns, rifle and hand grenades, and rocket launcher. Must be familiar with tank destroyer vehicles.

Military experience with special training in mechanized equipment and graduation from tank destroyer officers' school essential.

## **TANK DESTROYER PIONEER UNIT COMMANDER (1225)**

Commands a pioneer unit of a tank destroyer organization and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs unit in the removal of obstacles to permit advance of tank destroyer elements; directs unit in combat to provide security for other advancing units; provides delaying forces in retrograde movements; directs installation of static antimechanized measures such as road blocks, mines, and demolition of bridges and roads; directs training of unit in use and tactical employment of tank destroyer weapons and vehicles, installation of land mines and antitank barriers, and in demolition work.

Must have thorough knowledge of tank destroyer tactical and technical operations with specialized knowledge of pioneer work, installation of land mines, and demolitions.

Military experience with special knowledge of pioneer work and graduation from tank destroyer officer and pioneer schools essential.

## **GENERAL SERVICE ENGINEER UNIT COMMANDER (1328)**

Commands a general service engineer unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs or supervises engineering projects such as construction, repair, and maintenance of roads and highway bridges throughout a theater of operations; supervises construction of railroads, railroad bridges and roadbeds, and other railroad facilities; supervises construction of cantonments, depots, and other establishments; supervises construction of wharves, docks, and other port and harbor facilities; directs preparation of rear defensive positions, field fortifications, and military demolition; supervises operations of utilities, such as installation and repair of water supply facilities; directs training of unit in engineering techniques under combat conditions.

Must be thoroughly familiar with employment of such equipment as tractor bulldozer, motorized air compressors, pneumatic tools, blacksmith sets, car-

penter sets, and drafting instruments. Must be able to supervise groups of men engaged in digging clearing, rigging, timber cutting, carpentry, demolition, and wrecking operations.

Military experience including graduation from engineer officers' school desirable. In positions of field grade graduation from Command and General Staff School desirable.

#### **COMBAT ENGINEER UNIT COMMANDER (1331)**

Commands a unit of combat engineers and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs and supervises engineering projects such as road repair and maintenance, and construction of wooden trestles, portable steel bridges, foot and pontoon bridges, field fortifications, weapon emplacements, obstacles, and mine fields; supervises demolition of bridges and culverts and preparation of mine craters and tank traps; supervises removal of enemy obstacles such as mine fields, road blocks, and wire entanglements; conducts necessary reconnaissance, plans and schedules work, assigns tasks, and exercises general supervision over operations; in combat, leads unit in the defense of engineering projects against enemy attack and in assault of enemy positions; furnishes security for other engineer units at work or in bivouac; supports other combat troops as directed, employing combat engineer troops as an infantry unit.

Must be familiar with the employment of such equipment as tractor bulldozers, motorized air compressors, pneumatic tools, blacksmith sets, carpenter sets, sign painting sets, and drafting instruments and be able to direct groups of men engaged in digging, clearing, rigging, timber cutting, rough carpentry, demolition, and wrecking operations.

Military experience including graduation from engineer officers' school essential. In positions of field grade, completion of a course at Command and General Staff School desirable.

#### **AIRBORNE ENGINEER UNIT COMMANDER (1336)**

Commands an airborne engineer unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment transporta-

tion, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs training in engineering operations adaptable to glider or airborne engineer troops; leads unit in combat to impede advance or retreat of enemy by installation of demolitions and creation of a zone of obstacles, including mine fields; defends demolitions and obstacles which were installed; increases defensive or offensive powers of the combat arms by construction of field works and clearing and building airfields requiring special field engineering equipment or training.

Must have thorough knowledge of combat engineering and airborne tactics. Knowledge of use and maintenance of bantam engineering equipment, such as bulldozers and air compressors essential.

Military experience essential, including graduation from engineer officers' school with specialized instruction in employment of engineer troops in airborne operations.

#### **AVIATION ENGINEER UNIT COMMANDER (1337)**

Commands an aviation engineer unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; supervises construction camouflage and maintenance of field airdromes, assists in their defense, and supervises repairs after bombardment; supervises reconstruction of captured airdromes, structures, and revetments, including removal of mines and booby traps; supervises procurement and distribution of engineer supplies and equipment; directs compilation and reproduction of special aeronautical charts and maps; supervises training of unit in construction and maintenance of field airdromes; makes provision for demolition of airdromes and facilities.

Must have thorough knowledge of construction and maintenance of field airdromes, and be acquainted with tactical defense of airdromes against attack. Must have thorough knowledge of weapons such as rifles, light and heavy machine guns, 37-mm guns, and grenades and be able to supervise construction men such as carpenters, painters, and construction machinery operators and laborers.

Military experience with specialized knowledge of

civil engineering and graduation from engineer officers' school desirable.

Civilian experience in civil or construction engineering work desirable.

College education in civil or construction engineering desirable.

#### PARACHUTE ENGINEER UNIT COMMANDER (1339)

Commands a parachute engineer unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; leads unit in combat to impede advance or retreat of the enemy by installation of demolitions and creation of a zone of obstacles including mine fields; defends demolitions and obstacles which were installed; increases defensive powers of combat arms by the construction of field works and clearing and building of air-fields requiring special field engineering equipment or training.

Must have thorough knowledge of engineering as it applies to combat engineers, parachute packing, repairing, rigging, supply, and storage. Must be a qualified parachutist, and be thoroughly familiar with use of special engineering equipment which can be transported by parachutes.

Military experience including graduation from parachute school essential. Should be graduate of engineer officers' school.

#### PORATABLE BRIDGE UNIT COMMANDER (1342)

Commands a portable bridge unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs unit in maintenance and transportation of river-crossing equipment; assists general engineer troops in emplacing portable bridges, such as pontoon, spar, trestle, and foot, and in construction of bridges and ferries at site of operations; instructs other units in use of river-crossing equipment; establishes guards for and maintains completed bridges; regulates traffic over bridges; dismantles bridges; repairs and salvages equipment; selects and supervises motor

park; directs unit in convoy movements to site of operations. May independently engage in emergency construction of river-crossings and supply of assault boat crews.

Must be familiar with employment of such equipment as inboard and outboard motor boats, portable cranes, motorized air compressors, pneumatic tools, blacksmith and tinsmith sets, carpentry tools, pipefitting and welding sets, and motor maintenance equipment. Must be able to direct groups of men digging, clearing, rigging, timber cutting, carpentry, demolition, and wrecking operations.

Military experience and graduation from engineer officers' school essential.

Civilian supervisory experience in construction field desirable.

#### AMPHIBIAN ENGINEER NAVIGATION OFFICER (1362)

Navigates amphibian engineer boats in ship-to-shore operations by pilotage, dead reckoning, and celestial navigation to reach objective at a predetermined time. Tests and inspects navigation equipment prior to and during operations; receives instructions as to destination, course, time of arrival, and weather reports and is responsible for navigating boats in accordance with instructions; maintains day-by-day log of events and happenings; safeguards crews and troops from navigational disaster.

Must be familiar with rules of navigation and be able to navigate by dead reckoning and celestial navigation and interpret traffic regulations as prescribed. Must be familiar with compass and other navigational equipment.

Military experience including graduation from engineer officers' course and specialized training in navigation essential.

Civilian experience in harbor piloting, coastwise navigation, and navigation of small craft very desirable.

#### AMPHIBIAN ENGINEER SHORE UNIT COMMANDER (1363)

Commands an amphibian engineer unit of shore troops and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs combat engineering operations for combat team of ground forces in ship-to-shore

operations; leads landing force of amphibian engineers in the assault of hostile forces defending shore positions; routes enemy forces, destroys enemy fortifications and prepares landing area for friendly troops; supervises removal of underwater obstructions at beaches, and construction and maintenance of improvised landings and temporary wharves, supervises demolition of enemy obstacles on shore; establishes barrier of demolitions, mine fields, and other obstructions to protect landing operations from mechanized raids; supervises repair, construction, and maintenance of traffic routes from shore edge to combat area; leads unit in defense of engineering projects against enemy attacks; supports other combat elements of team as directed; supervises reconnaissance and estimate of detailed engineer work needed to determine type of succeeding engineer elements to be landed.

Must have thorough knowledge of infantry combat technique and be familiar with such equipment as tractor, bulldozers, motorized air compressors, pneumatic tools, blacksmith and carpentry sets. Must be able to direct groups of men in digging, clearing, rigging, timber cutting, carpentry, and demolition and wrecking operations.

Military experience including graduation from engineer officers' school essential.

#### AMPHIBIAN ENGINEER BOAT UNIT COMMANDER (1366)

Commands an amphibian boat unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs unit in transporting and landing troops and supplies on coastal areas, beaches, and islands in offensive operations; directs unit in evacuation of troops and supplies; serves as wave leader in formations; designates landing areas and supervises removal of beached and unloaded boats to clear landing areas for succeeding waves; carries out navigational and piloting instructions; directs training of unit in tactical and technical operations of amphibious craft. May command unit composed of amphibian engineer boat and shore troops.

Must have thorough knowledge of boat operation, piloting, navigation, beaching, and retracting operations and be able to control mass operation and movement of small craft. Must be able to supervise

work of boat pilots, boat engineers, signalmen, and boat hands.

Military experience with specialized knowledge of amphibious operations and completion of navigational and amphibious operational courses essential.

#### ENGINEER BOAT AND SHORE UNIT COMMANDER (1367)

Commands amphibian engineer boat and shore unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs unit in transportation, landing and evacuation of troops and supplies on coastal areas, beaches, and islands; directs landing force of amphibian engineers in the assault of hostile forces defending shore positions to prepare landing area for ground force combat team; directs the construction and maintenance of improvised wharves and temporary landings; directs establishment of obstructions designed to protect landing operations against mechanized raids; directs repair, construction, and maintenance of traffic routes from shore edge to combat area.

Must have thorough knowledge of infantry combat technique and combat engineering principles and be able to control the mass operation of small craft.

Military experience including graduation from engineer officer's school and completion of navigational and amphibious operational courses essential.

#### CONTROL BOAT COMMANDER (1369)

Commands an amphibian engineer control boat and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs the operation of a landing boat in control of a group of boats in a landing wave, and maintains control of other boats by radio and visual signals; establishes intervals between boats and directs their landing on reaching shore; carries out navigational and piloting instructions, inspects condition of boats before operations, and directs minor repairs and maintenance of equipment; trains personnel in operation and maintenance of transportation and communication equipment, and operation and use of small caliber weapons.

Must have thorough knowledge of small boat maintenance, piloting, navigation, beaching, and retracting operations. Must be familiar with radio, wire, visual communication, tactical employment and control of mass operations, and movement of small craft.

Military experience essential. Should be graduate of engineer officers' school with special training in engineer amphibian operations.

Civilian experience in operation of small craft in harbors, inland waterways, and coastal transportation very desirable.

#### **BOAT MAINTENANCE AND SALVAGE UNIT COMMANDER (1372)**

Commands a boat maintenance and salvage unit of amphibian engineering troops and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat; evaluates intelligence, estimates situations, formulates decisions, and maintains communication; supervises minor repairs performed by maintenance section under combat conditions; performs emergency repairs on hulls, motors, and rigging of small boats; dispatches maintenance boats and crews as designated and ordered by the control section; keeps service records of boats, engines, and transport equipment; stores and issues fuel and oil; inspects salvage and dockage operations and engine and hull repair activities.

Must have thorough knowledge of boat maintenance and salvage operations pertaining to engineer amphibian craft. Knowledge of marine mechanics and small boat care, operation, and maintenance very desirable.

Military experience essential. Should have graduated from engineer officers' school with special training in amphibian engineer operations.

#### **DIESEL ENGINE OFFICER (1374)**

Supervises maintenance of and minor repairs and adjustments to Diesel engines, other than marine, of an engineer amphibian unit. Supervises training of engine operators in operator maintenance care of engines and equipment; reviews records maintained by engine operators on operator maintenance care; conducts periodic inspections of engines and equipment; makes minor repairs or adjustments and installs minor replacement parts; maintains close surveillance over engines and equipment and arranges for major repairs and major part replacements by

higher echelons; keeps informed of current locations of higher echelon repair units; maintains supplies and equipment to effect minor repairs and adjustments; maintains stock of minor replacement parts; prepares records and reports; assists in salvaging engines and equipment.

Must be thoroughly familiar with mechanics and operation of Diesel engines.

Military experience including completion of Diesel engineering course essential.

#### **MARINE ENGINE OFFICER (1376)**

Supervises maintenance of and minor repairs and adjustments to marine engines of an engineer amphibian unit. Supervises training of engine operators in operator maintenance care of engines and equipment; reviews records maintained by engine operators on operator maintenance care; conducts periodic inspections of engines and equipment; makes minor repairs or adjustments and installs minor replacement parts; maintains close surveillance over engines and equipment and arranges for major repairs and major part replacements by higher echelon; keeps informed of current locations of higher echelon repair units; maintains supplies and equipment to effect minor repairs and adjustments; maintains stock of minor replacement parts; prepares records and reports; assists in salvaging engines and equipment.

Must be thoroughly familiar with mechanics and operation of marine engines.

Military experience including completion of marine engine maintenance course essential.

#### **CHEMICAL MORTAR UNIT COMMANDER (1413)**

Commands a chemical mortar unit and is responsible for its administration, training, and tactical employment. Directs supply, transportation, and security activities of unit; supervises training of unit in chemical warfare techniques and in use of 4.2 chemical mortars for employment of war gas and high explosive and smoke filled munitions; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, maintains communication, and conducts liaison with supported units; directs employment of unit, in coordination with supported units, using forward observers to insure proper direction and control of fire on targets, in the destruction of enemy command post installations, road blocks, machine gun and mortar emplacements, and troop con-

centrations; directs unit in performance of chemical warfare activities in combat, such as establishing and maintaining smoke screens to hamper enemy observation and employing persistent and nonpersistent war gases to produce enemy casualties and disorganizations, laying chemical land mines in defensive operations, withdrawals and delaying actions and establishing chemical barriers across expected routes of enemy approach.

Must have thorough knowledge of chemical warfare tactics and techniques with specialized knowledge of the 4.2 chemical mortar.

Military experience including graduation from the Chemical Warfare Officers' School or the equivalent thereof is essential.

#### **CHEMICAL DECONTAMINATING UNIT COMMANDER (1414)**

Commands a chemical decontaminating unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs unit in support of other arms where decontamination of gassed areas and equipment is part of the tactical situation; supervises identification and neutralization processes of gasses and decontamination of ground areas and equipment; prescribes methods of treating contaminated areas and equipment; directs training of unit in chemical warfare techniques, chemical identification, and decontaminating processes.

Must have thorough knowledge of chemical warfare tactical and technical operations with specialized knowledge of the identification and neutralization processes of chemical warfare agents. Must be familiar with methods of decontaminating ground areas and equipment.

Military experience with specialized training in chemical warfare and decontaminating methods and graduation from chemical warfare officers' school essential.

College education in chemistry or chemical engineering desirable.

#### **CHEMICAL SMOKE GENERATOR UNIT COMMANDER (1415)**

Commands a chemical smoke generator unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment,

transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs unit in support of other arms where the employment of smoke is part of the tactical situation; supervises construction, maintenance and operation of smoke-generating equipment; supervises laying of smoke to gain fire superiority for supported units, to prevent observation by enemy units, to hamper enemy operations, and, in the case of white phosphorus, to set fire to woods, materials, and buildings and to cause casualties; directs training of unit in use and tactical employment of chemical warfare weapons and vehicles.

Must have thorough knowledge of chemical warfare tactical and technical operations and be thoroughly acquainted with construction, maintenance, and operation of smoke-generating equipment. Must be familiar with weather and terrain features affecting employment of smoke and have knowledge of weapons used to fire smoke such as 4.2-inch chemical mortar, 75-mm gun, 155-mm howitzer, and chemical cylinders.

Military experience with specialized knowledge of chemicals and graduation from chemical warfare officers' school essential.

College education in chemistry or chemical engineering desirable.

#### **INFANTRY DEMOLITION AND PIONEER OFFICER (1504)**

Directs or supervises demolition or construction of obstacles, field fortifications, and other ground installations to facilitate the operations of combat elements. Supervises installation or removal of road blocks, mine fields, and antipersonnel mines and traps; supervises demolition of roads, bridges, and other structures to provide protection in retrograde movements; supervises elementary field engineering projects to assist holding or assault operations. May command an infantry demolition and pioneer unit or an ammunition and pioneer unit and be responsible for its administration, training, and tactical employment. May advise combat commanders on matters pertaining to employment of demolitions, mines, and field fortifications. May be responsible for battalion supply activities.

Must have thorough knowledge of the tactical and supply operations of the particular infantry unit to which assigned with specialized knowledge of demolitions, pioneer work, ammunition supply, and the

employment of land mines and traps. Must be able to supervise infantry pioneer crews and ammunition handlers and be familiar with the employment of such equipment as engineer carpenter sets, infantry entrenching equipment, engineer pioneer equipment, sketching equipment, and mine detector sets.

Military experience with infantry troops essential. For assignment to infantry parachute unit must be a qualified parachutist. Completion of infantry demolition and pioneer course or equivalent training very desirable.

#### **PARACHUTE INFANTRY UNIT COMMANDER (1510)**

Commands a parachute infantry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; leads unit in seizing and holding or otherwise exploiting such important tactical localities as installations, in conjunction with or pending arrival of other military or naval forces; carries out missions, such as seizure and clearance of landing fields, beach heads, strong points, and ports; severs hostile lines of communication and supply, destroys bridges, railroads, locks, and public utilities; executes envelopment from air in conjunction with an attack by ground forces; executes surprise attacks as a diversion or feint in connection with other air landings; executes attacks against isolated enemy positions, immune to attack by ground forces; leads unit trained in rugged individual fighting, using infantry weapons, demolitions and small caliber weapons of other arms.

Must have thorough knowledge of parachute packing, repairing, rigging, supply, and storage and be qualified parachutist. Must be qualified in demolitions, employment of small arms, first aid, use of maps, and tactical employment of parachute troops.

Military experience including graduation from parachute school essential. Graduation from infantry officers' school very desirable.

#### **AIRBORNE INFANTRY UNIT COMMANDER (1512)**

Commands an airborne infantry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evalu-

ates intelligence, estimates situations, formulates decisions, and maintains communication; leads glider or airborne unit to strike at vital spots to rear of enemy lines or in other areas not accessible by ground transportation in support of main effort; leads missions to establish bridgeheads, to disrupt hostile communication, and to reinforce parachute troops in seizure of airdromes and other enemy installations; leads unit in rugged individual fighting, using small arms and demolitions.

Must have thorough knowledge of airborne techniques and operation and maintenance of gliders. Must be thoroughly qualified in tactical employment of airborne troops and equipment.

Military experience or training in airborne infantry operations including graduation from infantry officers' school essential.

#### **MOUNTAIN INFANTRY UNIT COMMANDER (1513)**

Commands a mountain infantry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs mountain infantry unit in offensive and defensive mountain warfare operations; directs combat operations of unit well forward to limit penetrations by enemy and to protect flanks of forward elements of supporting units; clears approaches to and over mountains to permit advancement of rear elements; directs destruction of enemy units which infiltrate into mountain positions; directs training of unit in techniques of mountain infantry warfare, close combat fighting, use of infantry weapons and packhorses, and mountain climbing and skiing.

Must have thorough knowledge of infantry mountain tactical and technical operations with specialized knowledge of mountain climbing, skiing, infantry weapons, and handling of pack animals.

Military experience with specialized training in mountain warfare and graduation from infantry officers' school essential.

#### **ANTITANK UNIT COMMANDER (1524)**

Commands an antitank unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence,

estimates situations, formulates decisions, and maintains communication; directs antitank protection of friendly troop areas; provides traffic warning control over mine field areas; selects and assigns firing positions; reconnoiters for routes of approach, location of obstacles, and marking of routes through land mine fields; directs training of personnel in antitank warfare, weapons, and explosives.

Must have thorough knowledge of antitank tactical and technical operations and be familiar with various types of tanks and explosives and their tactical employment; must be experienced in use of antitank weapons such as 37-mm and 75-mm guns, rifle and hand grenades, and rocket launchers.

Military experience with specialized training in antitank warfare and graduation from a combat officers' school essential.

#### **ANTITANK STAFF OFFICER (1525)**

Advises commander and staff on all antitank matters. Prepares plans for, and coordinates antitank defense of unit; collects, evaluates, and disseminates information concerning enemy armor.

Must have a thorough knowledge of friendly and enemy armor, tactical and technical operations. Must be well informed on capabilities of all organic weapons as well as antitank weapons and means within the unit.

Military experience in command of artillery or antitank unit essential. Should have completed a course of instruction at Tank Destroyer, Field Artillery or Armored School. Graduate of Command and General Staff School desirable.

#### **INFANTRY UNIT COMMANDER (1542)**

Commands a motorized or normal infantry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs motorized infantry advances to establish positions behind advancing tank and armored units; prepares and secures advance positions for foot troops to the rear; directs camouflage and concealment of motorized equipment from air and ground observation and attack; selects and assigns firing positions for mortar units and vehicular mounted weapons; directs training of personnel in use of infantry arms, mounted weapons, and close combat fighting.

Must have thorough knowledge of infantry tactical and technical operations with specialized knowledge of motorized arms and equipment. Must be experienced in use of infantry arms such as rifles, light and heavy machine guns, mortars, and hand grenades.

Military experience with specialized training in motorized equipment and graduation from infantry officers' school essential.

#### **ARMORED INFANTRY UNIT COMMANDER (1560)**

Commands an armored infantry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs armored infantry in support of tank and infantry units; assists tank unit in offensive and defensive operations; provides protection to motorized infantry in establishing positions behind advancing tank units; executes delaying actions in defensive and retrograde operations; directs camouflage and concealment of armored vehicles from air and ground observation and attack; selects and assigns firing positions; directs training of personnel in use of infantry arms and mounted weapons, and in close combat fighting.

Must have thorough knowledge of infantry tactical and technical operations with specialized knowledge of armored force tactics and equipment. Must be a specialist in combat use of armored force vehicles and weapons and be experienced in use of infantry arms such as rifles, machine guns, mortars, and hand grenades.

Military experience essential, with special knowledge of armored force vehicles, arms, and equipment, and graduation from infantry officers' school.

#### **HORSE CAVALRY UNIT COMMANDER (1613)**

Commands a horse cavalry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs horse cavalry unit in advance of less mobile ground troops to secure freedom of action; provides security for other

arms by screening and covering actions; performs special operations such as filling gaps, constituting a mobile reserve for other forces, and providing liaison between large forces; initiates and maintains reconnaissance to the front and flanks, and establishes contact with adjacent units; coordinates unit with mechanized cavalry units; directs placement of supporting weapons; directs training of personnel in infantry arms, close combat fighting, horsemanship, and care of horses.

Must have thorough knowledge of cavalry tactical and technical operations with specialized knowledge of horsemanship and care of horses. Must be experienced in use of infantry arms such as rifles, light and heavy machine guns, mortars, and grenades.

Military experience with special training in horsemanship and care of horses, and graduation from cavalry officers' school essential.

#### MECHANIZED CAVALRY UNIT COMMANDER (1620)

Commands a mechanized cavalry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs mechanized cavalry unit in advance of less mobile ground troops to secure freedom of action; provides security for other arms by screening and covering actions; performs special operations such as filling gaps, constituting a mobile reserve for other forces, and providing liaison between large forces; initiates and maintains reconnaissance to the front and flanks and establishes contact with adjacent units; coordinates unit with cavalry horse units; directs placement of supporting weapons; directs training of personnel in infantry arms, mounted weapons, and close combat fighting.

Must have thorough knowledge of cavalry tactical and technical operations with specialized knowledge of mechanized equipment. Must be experienced in use of infantry arms such as rifles, light and heavy machine guns, mortars, grenades, and 37-mm guns.

Military experience with special training in mechanized equipment and graduation from cavalry officers' school essential.

#### CAVALRY PIONEER UNIT COMMANDER (1624)

Commands a pioneer unit of cavalry organization

and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs unit in combat to provide security for other advancing units; provides delaying force in retrograde movements; directs installation of static antimechanized measures, such as road blocks, mines, and demolition of bridges and roads; directs training of unit in use and tactical employment of cavalry weapons, vehicles, and animals, installation of land mines and antitank barriers, and in demolition work.

Must have thorough knowledge of cavalry tactical and technical operations with specialized knowledge of pioneer work, installation of land mines, and demolitions.

Military experience with special knowledge of pioneer work and graduation from cavalry officer and pioneer schools essential.

#### TRANSPORT GUN CREW COMMANDER (1922)

Commands a transport gun crew and is responsible for its administration, training, and tactical employment. Supervises training and operations of gun crew of surface and antiaircraft guns aboard Army transport vessels; assigns gun crew members to details and watches; directs fire of guns against hostile submarines, surface vessels, and aircraft, and takes part in any other action to safeguard vessel; supervises maintenance and repair of guns and equipment; supervises the storage and handling of ammunition.

Must have thorough knowledge of operation and maintenance of surface and antiaircraft guns, such as 3-inch and 6-inch naval guns, .30 and .50 caliber machine guns, and 20-mm and 40-mm antiaircraft guns. Knowledge of aircraft and ship identification essential.

Military experience essential. Should be graduate of field or coast artillery officers' school with specialized instruction in the use of naval guns.

#### COMBAT LIAISON OFFICER (1930)

Represents commanding officer at headquarters of other units for the purpose of promoting coordination and cooperation between supporting and supported units. Clarifies existing situations and orders; receives and transmits requests for assistance and support; coordinates plans with adjacent and

supported combat units; familiarizes himself with the activities of staff members; visits other units to acquaint them with conditions which cannot be explained in orders, and informs them of situation and mission of own unit; arranges for necessary communication between units; makes reports and recommendations to commanding officer; performs other duties as assigned, or assists other staff members in training and administration of organization.

Must be able to promote cooperation between units. Must have knowledge of Army organization and be well versed in techniques, tactics, and logistics of combat unit to which attached.

Military experience or training in arm or service to which assigned essential.

#### AIR OBSERVATION PILOT (1981)

Pilots a single engine aircraft assigned to a particular ground force unit, and is responsible to the unit commander for performing missions involving aerial observation and adjustment of artillery fire. Flies on reconnaissance missions to locate enemy units and installations or to spot camouflage areas and activities; in advances against and by enemy, locates and directs fields of fire and adjustment of artillery fire, locates routes of approach, and observes and estimates strength, type of enemy units, and deployment of enemy to rear; reports findings and receives orders while in flight by radio, dropping and scooping up hand-written messages, and through use of visual signals such as flares. May, as special staff member, advise corps, division, or group artillery commander on all matters pertaining to organic air observation; insure compliance with regulations and directives concerning air traffic, operation, maintenance and repair of aircraft, and maintenance of prescribed forms and records; coordinate and supervise plans for training air observation personnel; coordinate activities with staff supply officer to insure rapid procurement and distribution of aircraft supplies and equipment to subordinate units; make recommendations with respect to flying safety; conduct authorized inspections.

Must have good knowledge of military tactics and information. Must hold a currently valid observation pilot rating, be physically qualified for flying duty, and participate regularly and frequently in aerial flights.

Military experience and graduation from appropriate branch school essential.

Must hold civilian pilot license or be qualified by Army training to fly a single engine airplane.

#### CHIEF OF STAFF (2010)

As principal assistant and advisor to commanding officer, coordinates all matters pertaining to efficient functioning of command. Formulates and coordinates policies relative to operations of staff units; maintains liaison with military and civilian units and keeps commander informed of enemy situation and location, strength, morale, training, equipment, supply, and general effectiveness of the units under command; insures that instructions and orders are executed in accordance with plans and policies of commander; coordinates and forwards staff section reports.

Must have comprehensive knowledge of staff work, military command, and tactical employment of units. Must have outstanding administrative and executive ability.

Considerable military experience in command and staff functions essential. Must be graduate of Command and General Staff School.

Should be college graduate. Professional post-graduate work in military science and administration desirable.

#### SECRETARY OF THE GENERAL STAFF (2011)

Acts as executive officer for chief of staff and for deputy chief of staff. Maintains office of temporary record and routes papers received in office of chief of staff to proper destination; forwards correspondence to destination in headquarters and establishes follow-up system to insure prompt action on and return of papers; receives officials visiting headquarters for purpose of conferring with commanding officers; collects statistical data required by commanding officers.

Military administrative and executive experience essential.

#### TROOP TRANSPORT OFFICER (2018)

Commands military personnel, other than crew, and performs functions of a post commander aboard a troop transport. In conjunction with master of ship, issues orders and instructions for conduct of passengers and troops aboard ship; arranges for quartering and messing of units on board; inspects passenger accommodations, troop compartments, and galleys to insure efficient operations and service; determines ship policies affecting Army personnel and enforces observance of ship rules and Army regulations by civilian and military passengers; coordinates activities with officers such as unit commanders,

master of ship, and ship transportation officer; supervises commissary stores and accounts and is responsible for care and expenditure of ship stores, funds, supplies, and property; advises unit commanders of troops regarding preparation and submission of papers, reports, and records concerning personnel and baggage. May organize and train details of troops to stand watch and assist in defense of ship.

Must have military experience in the command of troops. Must be familiar with customs and regulations of Army Transport Service, and with water transportation problems.

Civilian administrative experience in water transportation desirable.

#### POST COMMANDER (2019)

Directs and supervises operations and administration of a post, camp, or station. Determines needs of post and provides for training and discipline of troops; issues instructions and prescribes procedures to insure conformance with official directives and regulations; is responsible for security, supply, transportation facilities, housing, and construction at post; examines requisitions for supplies or property and allot funds; prepares reports and recommends changes in regulations or procedures; maintains liaison with superior officers and keeps them informed on present conditions and future programs.

Must have extensive administrative experience and thorough knowledge of Army organization, procedures, and regulations.

Military administrative and command experience essential. Attendance at Command and General Staff school desirable.

Civilian executive experience of a policy making nature desirable.

#### CHIEF OR DIRECTOR, MAJOR DEPARTMENTAL UNIT (2025)

Plans, organizes, and administers operations of a major departmental branch or division of an overhead or field installation. Directs preparation of plans, formulates and issues directives and orders, and coordinates operations to assure conformity and efficient performance consistent with plans and policies; prepares or directs preparation of reports of activities and makes pertinent recommendations on policy and procedures; maintains liaison with appropriate agencies and keeps superior officers informed

concerning plans, policies, and operations; serves as technical consultant to other units and to superior officers. May serve on special committees or boards. May direct research activities pertinent to arm or service.

Must have considerable administrative and executive ability to organize and direct activities of major departmental unit. Must be familiar with Army organization and procedures, and be competent in field of operations.

Appropriate field and administrative military experience essential. Completion of Command and General Staff course desirable.

Civilian managerial experience of a policy forming nature with industrial or governmental organization very desirable.

College education appropriate to arm or service very desirable.

#### AIDE-DE-CAMP (2030)

Performs specific duties prescribed and assigned by commanding general, and assists in every manner possible as a personal aide. Accompanies commanding general on inspection tours and trips, and arranges for transportation and accommodations; schedules and keeps calendar of appointments, inspections, and engagements; acts as courier for secret and confidential papers and documents; receives and interviews visitors; answers calls, routine correspondence, and other communications directed to the commanding general or refers them to proper staff sections for necessary action and reply, and maintains control record; keeps Chief of Staff informed on matters of importance in absence of the commanding general. May act as commanding general's representative at meetings, conferences, and social engagements. May be detailed as liaison officer between headquarters and higher or subordinate units. May be detailed to handle public relations, press interviews, and entertainment of visitors. May assist staff members in training and administration.

Must be well informed on military and current events, and have knowledge of tactics and strategy, and of supplies and technical equipment of organization.

Military experience essential in arm or service to which attached. Completion of officers' training course in appropriate arm or service desirable.

#### TECHNICAL AND TACTICAL BOARD MEMBER<sup>2</sup> (2042)

As a full-time board member, considers such technical and tactical matters pertaining to arm or serv-

<sup>2</sup>This classification is not to be used for those board members who are performing duties "ex officio" and are therefore classifiable otherwise, such as School Commandant.

ice as may be referred to the board, and makes recommendations for improving equipment, matériel, or operations. Reviews proposals for and supervises or conducts research in development of new or improved equipment, methods, and techniques; plans, supervises, and conducts tests of equipment or matériel and makes recommendations on manufacture or procurement; exercises technical supervision or assists in development work pertinent to arm or service done by other agencies; prepares reports and summaries of investigations and analyses.

Must have thorough knowledge of types of matériel and equipment, and of organization and administration pertinent to arm or service to which assigned. Must be competent in field of specialization and have knowledge of related technical information.

Military experience essential. Field duty very desirable. Should be able to perform duties of one or more technical specialties applicable to field of operations.

Civilian executive or advisory experience in appropriate engineering field highly desirable.

Must be college graduate with specialization in appropriate field of engineering.

#### ADJUTANT OR ADJUTANT GENERAL (2110)

As representative of commanding officer or officer-in-charge, performs administrative duties to coordinate operation of an organization or installation. Exercises control over military and civilian personnel and coordinates routine personnel operations; receives, routes, and follows up incoming mail and correspondence and prepares, reviews, and authenticates outgoing correspondence; directs preparation of records and reports originating in organization; authenticates and distributes orders, instructions, and communications in name of the commanding officer; arranges and coordinates training programs and meetings. May represent commanding officer at official functions. May supervise mess, transportation, supply, or other organization functions. May conduct parades, inspections, and ceremonies. May command rear echelon in combat and perform tasks incident to evacuation and care of casualties.

Must have thorough knowledge of Army organization and administration.

Must have considerable experience in administration of Army organization.

#### RECORDING SECRETARY (2115)

Supervises the preparation and maintenance of minutes and records of board or committee. Prepares and sends out agenda for meetings, and distributes minutes and excerpts for action by board or committee members; maintains lists of members; maintains progress record of cases and follows up with members for prompt action; assembles data and exhibits for members and follows through secretarial details under direction of committee members.

Should have thorough knowledge of pertinent Army regulations and technical information.

Should have college training in business administration or technical field appropriate to assignment.

Should have knowledge of clerical-administrative procedures and be familiar with teaching methods and materials.

Military experience in Army administration essential.

Supervisory experience in school administration very desirable.

#### SOURCE JOBS

Chief Clerk  
School Clerk

Office Manager  
Teacher

#### ADMINISTRATIVE OFFICER (2120)

Directs or supervises operations to provide administrative services for operating, technical, or tactical units. Interprets regulations, determines office policy and procedures, and puts into operation methods for efficient functioning of the office; lays out and coordinates work schedules and arranges for security of classified materials; supervises personnel in performance of such duties as preparation and maintenance of supply, personnel, statistical and fiscal records, budgets and special reports pertaining to personnel and administrative matters, minutes and records of boards or committees, and allocation of office space and quarters; receives, interviews, and assists visitors; maintains liaison with staff and operating units. May make administrative investigations or inspections to determine compliance with office policy and regulations, and advise on office procedures and organization. May advise on budget and fiscal matters. May supervise or perform administrative duties in connection with such activities as billeting, rationing, publications distribution, and the production, procurement and distribution of matériel. May supervise administrative details connected with movement of troops or individuals and issuance of identification devices.

Must be familiar with War Department and Army administrative and correspondence classification procedures. Must have ability to organize and direct administrative functions and be familiar with operations of organization to which assigned.

Military experience in Army administration essential.

Civilian administrative or executive experience in industrial or government agency very desirable.

College education with specialization in public or business administration desirable.

#### ADMINISTRATIVE INSPECTOR (2121)

Surveys and inspects units of the command to insure efficiency of operations. Conducts periodic and special investigations in order to determine state of discipline, conduct, and morale of military personnel; inspects physical condition of facilities, installations, and equipment; inspects financial records, administration procedures, mess and supply operations, and other activities; investigates complaints, irregularities, and deficiencies, and prepares reports of inspections and investigations.

Must be thoroughly familiar with Army regulations, established policies of the command, and administrative procedures. Knowledge of wide variety of Army activities such as mess management, sanitation standards, supply, and inspection procedures essential.

Military experience, especially in administration, essential.

Training and experience in business administration very desirable.

#### ADMINISTRATIVE OFFICER, MILITARY GOVERNMENT (2124)

Organizes and coordinates activities and procedures of departments of organization for civil control of an occupied territory. Advises civil affairs officer on personnel policies and procedures and acts as liaison officer for departments; advises on budgetary and administrative functions; interprets and administers rules and regulations pertinent to fields of activity under jurisdiction and supervises staff in maintenance of records and work procedures; prepares reports of operations; supervises subordinate personnel and local native governmental officials.

Must have demonstrated knowledge and ability to organize and direct administrative functions. Must be familiar with technical and administrative functions and operations of organization. Knowledge of appropriate foreign language very desirable.

Military experience may or may not be necessary depending upon and varying with needs and responsibility of position.

Civilian experience in an administrative or executive capacity in financial institutions, commercial organizations, manufacturing plants, or governmental agencies very desirable.

#### UNIT OFFICER, NONTACTICAL (2136)

Directs or supervises unit charged with temporary administration of regularly organized army units or other military personnel. Directs or supervises administration of regularly organized units temporarily stationed at points such as staging areas and replacement depots; directs or supervises administration of military personnel awaiting organizational assignment at points such as reception centers, and replacement depots; directs or supervises administration of military personnel attending service schools or educational institutions participating in the Army Specialized Training Program; supervises billeting, messing, and other personal and domestic services; provides for recreational and general welfare matters; supervises modified training programs for personnel; maintains personnel and other pertinent records.

Must have thorough knowledge of general unit administration.

Military experience essential.

Civilian executive or supervisory experience desirable.

#### AIR LIAISON OFFICER, STAFF (2140)

Represents Army Air Forces at headquarters of other commands and advises commanding officer on general and aeronautical problems pertaining to Army Air Forces. Maintains liaison with Army Air Forces organizations in the area and supervises coordination of flying operations as they affect the command; obtains statistical data relative to air force supply and equipment requirements; represents commander at conferences and meetings pertaining to aeronautics. May supervise such personnel functions as procurement of aviation cadets and selection of Army Air Forces candidates for The Army Specialized Training Program.

Must be thoroughly familiar with air force organization and with operations and functions of Army Air Forces bases, depots, tactical units, and training commands.

Military flying experience essential. Army Air Forces command experience desirable.

College training with specialization in aeronautical engineering desirable.

#### STAFF DIRECTOR, WAC (2145)

Acts as a staff member of a command utilizing Women's Army Corps personnel and advises on such matters as recruiting, supplying training, classification, assignment, discipline and discharge of WAC personnel. Continuously inspects WAC personnel as to health, morale, general welfare, training, administration and utilization. Initiates and forwards correspondence on WAC matters with comments and recommendations to the Director, WAC. May formulate plans and policies for, and make recommendation with respect to WAC matters within the command.

Must be thoroughly familiar with WAC policies as set up by Director, WAC; proper utilization of WAC personnel; problems affecting health, morale, and well-being of Women's Army Corps personnel.

Graduation from Command and General Staff School desirable.

Civilian administrative or executive experience of a policy making nature desirable.

College education with graduate work in general education, business, or personnel administration desirable.

#### SOURCE JOBS

Dean of Women	School Counselor
Business Administrator	School Administrator
Personnel Administrator	

#### ORGANIZATION AND TRAINING OFFICER (2150)

Initiates and formulates doctrines, schedules, and programs relating to training and use of military personnel. Determines aim, scope, duration, and procedures for training courses; supervises preparation of training bulletins, directives, manuals, and handbooks for distribution to units of command; determines requirements for admission of students, and establishes quota to be trained; supervises selection, assignment, and relief of staff and faculty personnel; plans future training requirements to meet changes in operating procedures. May prepare budget estimates and allot funds for purchase and repair of training supplies and equipment, and for other services.

Must have organizing ability and be adept at presenting projects for staff coordination. Must have thorough knowledge of War Department policies and directives, and Army organization.

Military staff experience with special emphasis on training of troops essential. Completion of service school and Command and General Staff School very desirable.

#### TRAINING PUBLICATIONS OFFICER (2154)

Prepares, edits, and supervises preparation of training publications. Prepares for publication Field Manuals, Technical Manuals, and other training literature; writes training directives and training schedules and recommends editorial changes in instructional material; contacts training division representatives and other staff members regarding details of training policies and procedures. May supervise preparation of technical data to be used in training publications. May review and edit Training Films, Film Strips, and other photographic training material.

Must be familiar with organization and functions of arm or service to which assigned.

Experience in military administration essential. Completion of special service school and Command and General Staff School desirable.

Civilian editing or publishing experience very desirable.

Should have college training in journalism or education.

#### SOURCE JOBS

Newspaper or Magazine	Rewrite Man
Editor	

#### OPERATIONS OFFICER, AIR FORCES, NONFLYING (2158)

Directs or supervises training and tactical operations of an Army Air Forces organization. Prepares plans for movement of organization for training or combat purposes; prepares, coordinates, and insures compliance with training directives and combat orders; maintains liaison with higher, lower, and adjacent units to keep the commander informed on lines of action, changes in the situation, orders, and directives; supervises briefing of air crews prior to missions; assigns crews to combat missions; regularly checks combat preparedness of each element of the organizations; collects data in connection with

aircraft operations such as availability and condition of landing fields, navigation aids, maps and charts, and radio facility charts; supervises preparation of reports concerning training progress; issues safety rules and flying regulations applicable to the situation.

Must have thorough understanding of tactical employment of type of military aviation to which assigned, and be familiar with tactics of all branches of military aviation, ground arms, and naval forces. Must know capabilities and limitations of aircraft and be able to solve air navigation problems.

Military flying experience as a pilot or executive experience in commercial airline operations very desirable.

Technical training in physics and mathematics desirable.

#### AIR TRAFFIC SERVICE OFFICER (2159)

Supervises and operates an air traffic service to provide for the safe and expeditious dispatch and movement of air traffic at an airbase, within a control area or along a controlled air route. Issues air traffic clearances, instructions or advice from a flight service or air routes traffic control center or similar agency to provide safe and adequate dispatching, diversion and separation of aircraft and to prevent unnecessary delay in the flow of air traffic; assists the person or agency in command of aircraft by providing such information as bearings, fixes, weather information, facility information and charts, aeronautical maps and charts, flight plans, and notices to airmen; identifies and follows progress of air traffic; transmits flight plans and notices, flight progress reports, and arrival reports on movement of aircraft; makes report of and disseminates information on hazards to navigation; prepares operational forms and records statistical data; tabulates information pertinent to alleged violations of military and civil air regulations by pilots of military aircraft; maintains data concerning records of military flights, weather, traffic, landing and navigational facilities, and terrain within assigned area, and other data regarding safe operation of flights; notifies and may supervise appropriate rescue service of aircraft known to be or believed to be lost, overdue, or in distress.

Must have knowledge of meteorology, aerial navigation, flight service operational systems, current AAF and CAA regulations governing flight of aircraft, performance data of military aircraft, and

use of ground and air ground communication systems.

Military flying experience as a pilot or navigator desirable. Graduation from a course of instruction in military air traffic service or equivalent experience essential.

Civilian experience in airway or airport control, commercial airline operations or as a pilot desirable.

#### OPERATIONS OFFICER, AIR FORCES (2161)

Directs or supervises training and tactical operations of an Army Air Forces organization. Prepares plans for movement of organization for training or combat purposes; prepares, coordinates, and insures compliance with training directives and combat orders; maintains liaison with higher, lower, and adjacent units to keep the commander informed on lines of action, changes in the situation, orders, and directives; supervises briefing of air crews prior to missions; assigns crews to combat missions; regularly checks combat preparedness of each element of the organizations; collects data in connection with aircraft operations such as availability and condition of landing fields, navigation aids, maps and charts, and radio facility charts; supervises preparation of reports concerning training progress; issues safety rules and flying regulations applicable to the situation.

Must have thorough understanding of tactical employment of type of military aviation to which assigned, and be familiar with tactics of all branches of military aviation, ground arms, and naval forces. Must know capabilities and limitations of aircraft and be able to solve air navigation problems.

Military flying experience as a pilot essential. Must be on a flying status.

Executive experience in commercial airline operations very desirable.

Technical training in physics and mathematics desirable.

#### OPERATIONS AND TRAINING STAFF OFFICER (G-3, A-3, S-3)<sup>8</sup> (2162)

Directs and coordinates functions of staff relative to organization, and training and combat operations. Prepares plans for movements of organization or individuals for the purpose of tactical training and disposition of troops; supervises activities pertaining to mobilization, organization, and training of units;

<sup>8</sup>S-3 performs the above duties except on a lower level of responsibility in a regiment or lower echelon.

prepares and coordinates yearly and monthly training directives to conform with those of higher authorities and the local situation; keeps commander informed on current projects, changes, orders, and directives pertaining to operations and training; makes recommendations on priority of assignments of personnel and equipment, and issues operational orders, rules, and regulations; checks preparedness of each element of organization through periodic inspections; makes continuous study and prepares estimates of tactical strategic situations; during combat, prepares field and march orders and executes reconnaissance as directed; supervises measures taken to defend installations and communications.

Must possess knowledge of organization and tactical employment of various types of military operations in general gained from extensive military experience. Must have outstanding executive and administrative ability.

Extensive military experience essential. Should be graduate from a service school or Command and General Staff School.

#### AIR-GROUND LIAISON OFFICER (2164)

Plans and coordinates joint operations of ground and air units. Assists in briefing and interrogation of air combat crews; maintains an operation map showing disposition of friendly and enemy forces and the bomb safety line; transmits information to ground commanders regarding results of air missions; informs air units regarding ground operations, friendly and enemy ground organizations, tactics, technique, and equipment; drafts and processes requests for air missions including requests for air photographic missions; distributes current air-ground information; maintains liaison with G-2, G-3, and the Tactical Air Command, and keeps ground liaison officers at air units informed as to the ground situation. May serve in the Air-Ground Liaison Section or as a Ground Liaison Officer.

Must be familiar with command, organization, and employment of ground and air forces, including characteristics, equipment, capabilities, limitations, tactics, and technique of aviation normally included in the tactical air forces. Should be experienced staff officer or graduate of Command and General Staff School. Should have attended school of ground combat branch to which assigned and a course of instruction in air-ground liaison.

#### OPERATIONS OFFICER, GENERAL STAFF

(2165)

Performs various planning, research, and control functions for the Chief of the War Department General Staff or the General Staff of the Air, Ground, or Service Forces. Maintains current estimates of the situation to determine military policy, objectives, and requirements; makes recommendations concerning current and projected strategy; initiates and maintains strategic and logistic plans and coordinates plans of theater and other commanders; maintains liaison with War Department and other agencies to coordinate plans and prepare realistic estimates; maintains liaison with oversea commanders to facilitate solution of immediate and anticipated problems; centralizes control of military operations; directs and coordinates ground, air, or service force activities to effectuate decisions pertaining to operations of theaters, defense commands, task forces, or leased bases; makes continuous studies to determine proper ratios of various types of units to achieve properly balanced forces; establishes priorities for issuance of critical items of equipment and munitions and coordinates use of such items with appropriate agencies; makes continuous studies of logistics; maintains status record of American forces in, en route to, and projected for oversea theaters, and record of availability of equipment and munitions; prepares daily reports of oversea operations.

Must be thoroughly familiar with organizational units and tactical procedures employed in military operations. Must have demonstrated outstanding ability in military administration. Extensive staff experience essential.

Graduation from military college or academy very desirable. Should be graduate of Command and General Staff School.

#### TACTICAL INSPECTOR (2166)

Inspects units of a command to determine adequacy of tactical training, combat efficiency, and readiness for field service. Prepares problems in tactics, field firing, supply, and communication for units; observes solution of problems and evaluates effectiveness of performance; prepares reports on results of inspections. May inspect any phase of operations in accordance with regulations and instructions.

Must be thoroughly familiar with administration and tactical employment of arm or service to which assigned.

Military experience, including extensive field experience, essential.

### TECHNICAL OPERATIONS OFFICER (2170)

Anticipates, initiates, and coordinates special, technical, or engineering activities of a unit so that they conform to prescribed instructions and policies of superior officers. Formulates plans of operation and advises superior officer on recommended action; receives instructions and decisions from superiors and promulgates directions and orders to secure maximum efficiency of performance; prepares schedules of assignment and coordinates work of all units; observes and verifies that orders are executed in accordance with directives and instructions; prepares progress reports based on a review of installation and inspection reports; authorizes initial and cancels unsatisfactory research projects; acts as second in command in absence or at direction of superior officer.

Must have considerable administrative experience and knowledge of engineering techniques.

Should be college graduate with degree in mechanical, industrial, electrical, or civil engineering, or equivalent in training and experience.

### SOURCE JOBS

Consulting Engineer	Industrial Engineer
Automotive Engineer	Civil Engineer
Aeronautical Engineer	Electrical Engineer
Mechanical Engineer	

### MILITARY PERSONNEL OFFICER (2200)

Directs and supervises activities relating to unit personnel. Supervises preparation and maintenance of records, rosters, correspondence, and reports pertaining to personnel matters; maintains service records of military personnel and supervises clerical staff in proper handling of forms; requisitions personnel according to qualifications, and handles matters pertaining to transfers and promotions; supervises preparation of pay rolls, vouchers, applications, and reports relative to pay, travel, allotments, and deductions; prepares plans and makes recommendations relating to personnel requirements. May be delegated responsibility for classification and assignment procedures.

Must have thorough knowledge of Army administration and personnel and classification procedures.

Military experience essential. Should include personnel administration, training, and experience.

Civilian experience in personnel administration in industry, Government, or education very desirable.

College training in personnel administration desirable.

### SOURCE JOBS

Personnel Manager	Personnel Technician
Office Manager	Employment Interviewer
Chief Clerk	

### PERSONNEL ASSIGNMENT OFFICER (2201)

Directs or supervises assignment of military personnel and maintenance of Army classification records. Receives requisitions for personnel and assigns troops in accordance with classification procedures; maintains liaison with military units in directing requisitioning and assignment of Army personnel; supervises and conducts correspondence involving changes of station and duty assignments; supervises maintenance of personnel records and files. May interview personnel prior to selection for assignment.

Military experience essential. Must be familiar with Army classification procedures, standards, and organization.

Civilian experience in personnel administration, employment office practices, or applied psychology very desirable.

College education with training in psychology or personnel administration, or equivalent in practical experience desirable.

### SOURCE JOBS

Employment Interviewer	Personnel Technician
Classification Specialist	Occupational Analyst

### CIVILIAN PERSONNEL OFFICER (2202)

Directs or supervises procurement, classification, assignment, and other activities relating to civilian employees in a military organization. Prepares plans and recommendations for modification of civilian personnel policies and administrative methods, and serves as adviser to commanding officer on civilian personnel problems; assists in directing labor relations activities, including the formulation and administration of wage scales and the handling of employee grievances; administers employee efficiency rating system; assists in administration of employee

safety and welfare programs; supervises civilian personnel matters concerned with appointments, pay rolls, transfers, retirement, leave, claims, correspondence, and reports; interprets regulations and laws as they affect civilian personnel; reviews and analyzes requests for additional personnel received from various operating officers. May prepare estimates and allotments of funds for civilian pay rolls of organization.

Knowledge of approved personnel practices, based upon experience in private or public personnel administration, essential. Ability to formulate and establish effective procedures and to supervise and coordinate work of employees necessary.

Civilian personnel administration and management experience essential.

College education in public or personnel administration very desirable.

#### SOURCE JOBS

Personnel Administrator      Personnel Technician

#### CIVILIAN CLASSIFICATION OFFICER (2203)

Directs, supervises, or assists in administration of classification program for civilian personnel in large departmental unit or military installation. Plans investigations and surveys, and assigns classification analysts, or performs examination personally; reviews position descriptions for clarity and accuracy, and renders decisions as to grade allocation recommendations; presents facts to Civil Service Commission regarding duties, responsibilities, and organizational relationships of positions and gives reasons for recommendations; reports and explains action of Civil Service Commission to operating officials; conducts surveys of existing or proposed organizational units and advises on organizational structure and specialization of function relative to specific positions. May train analysts in classification techniques.

Must have knowledge of fundamental theories and principles of classification, and be familiar with techniques of classification. Must know how to write position descriptions and evaluation reports, and to allocate grade levels in classified service of Federal Government.

Civilian classification experience in Federal Government essential.

Should have college training in personnel administration.

#### SOURCE JOBS

Classification Analyst      Occupational Analyst

#### DIRECTOR OF PERSONNEL (2205)

Directs and coordinates activities of staff divisions concerned with personnel matters. Formulates policies and directs operations concerning civilian personnel, military personnel, officer procurement, chaplains, special services, and morale services; directs development and maintenance of statistical controls and records in connection with military and civilian personnel strength, allotments, and authorizations; institutes efficient procedures for personnel administration; reviews completed proceedings of boards concerning personnel; interprets and directs compliance with regulations and orders on personnel matters; conducts liaison with other headquarters and with other staff divisions of the same headquarters on matters pertaining to personnel; supervises activities conducted by civilian agencies for the benefit of military personnel. May conduct field surveys and inspections of personnel policies and procedures.

Must have considerable administrative and executive ability and be familiar with Army organization and administrative procedures.

Military experience in personnel administration essential. Should have completed Army Administration Course of the Adjutant General's School or be a graduate of the Command and General Staff School.

Civilian experience in personnel administration in industry or government very desirable.

College training in personnel or business administration desirable.

#### SOURCE JOBS

Personnel Administrator      Employment Manager  
Personnel Technician      Placement Director

#### CLASSIFICATION AND ASSIGNMENT OFFICER (2210)

Directs or supervises classification and assignment of officers and enlisted men. Plans classification procedures and supervises interviewing, testing, classifying, and assigning military personnel; determines military and civilian experience, vocational skills, and aptitudes; administers Army General Classification Test and aptitude, trade, and other pertinent tests; on basis of assembled data, determines military specialties and recommends men for

specialist training, specialist schools, and officer candidate schools; maintains qualification cards and records for all personnel, and prepares rosters, availability reports, and reports on special skills, assignments, and misassignments; advises commanding officer on classification and assignment problems. May be member of special classification and assignment boards.

Should have knowledge of personnel administration and occupational classification techniques, and be familiar with Army occupations and requirements. Knowledge of Army organization and administration desirable.

Military experience desirable.

Civilian personnel or employment service experience very desirable.

College education desirable.

#### SOURCE JOBS

Personnel Technician	Classification Analyst
Employment Interviewer	Occupational Analyst
Industrial Psychologist	Personnel Manager

#### PERSONNEL PROCEDURES OFFICER (2211)

Investigates and determines effectiveness of selection, classification, and assignment procedures, and initiates further studies to improve existing methods and techniques. Inspects field units and installations to determine needs for improved selection and classification of civilian or military personnel; conducts studies involving construction, standardization, and introduction of tests for general and special selection and classification of personnel; prepares regulations and memoranda governing selection, classification, and assignment procedures, maintains contacts with Army Ground Forces, Army Air Forces, and Army Service Forces relative to policies and procedures pertaining to personnel.

Must have considerable background in developing and interpreting test methods and techniques as used in personnel selection and placement. Should have thorough knowledge of personnel research techniques as applied to industry or education.

Civilian experience in recruiting and placing personnel with industrial organization, educational institutions, or governmental agency very desirable.

Must have college education, with specialization in psychology or related field desirable.

#### SOURCE JOBS

Personnel Technician	Occupational Analyst
Employment Office	Personnel Consultant
Consultant	Psychologist

#### MILITARY JOB ANALYST (2220)

Analyzes civilian and military occupations and develops techniques for the proper classification and assignment of military personnel. Writes job descriptions, develops coding plans, and prepares job equivalents; maintains occupational registers and data relating to the occurrence and requirements of civilian and military specialists; analyzes data, prepares regular and special reports, and furnishes information relative to military personnel classification, assignment, and requirements. May assist in preparation of classification techniques and occupational information for the vocational rehabilitation, training, and placement of military personnel.

Military experience in personnel administration desirable.

Should have considerable experience in personnel classification, recruitment, placement, and personnel management, or in occupational classification and analysis.

College education with graduate work in personnel administration, public or business administration, psychology, or vocational guidance desirable.

#### SOURCE JOBS

Personnel Manager	Vocational Advisor
Classification Specialist	Occupational Analyst
Personnel Technician	Employment Director

#### PERSONNEL CONSULTANT (2230)

Advises commanding, staff, and line officers on personnel matters of a psychological nature. Administers psychological tests for selection and classification of personnel at induction stations, reception centers, replacement training centers, and other military installations; advises on selection of men for special training units and develops training methods for instruction of such units; advises on disposition of inept and submarginal personnel; cooperates with medical officers on cases of maladjustment or abnormality by administering pertinent tests and submitting report of findings and recommendations; advises classification and assignment officers on general and special personnel problems, as well as development of techniques. May assist in analysis of factors affecting morale and general welfare of troops. May train and supervise unit personnel in administration and evaluation of tests, and in classification procedures.

Should be familiar with, and be able to apply prevailing test of intelligence, educational and voca-

tional achievement, aptitudes, personality, and interests.

Military experience desirable.

Civilian experience should include psychological work in industry, Government, hospital, public institution, welfare agency, or school system.

Should have master's degree in psychology, with specialization in general education, clinical, vocational, or industrial psychology.

#### SOURCE JOBS

Psychologist	Instructor, psychology
Vocational Counselor	

#### VOCATIONAL AND EDUCATIONAL GUIDANCE OFFICER (2235)

Directs or supervises program of educational and vocational guidance for military personnel. Supervises interviewing of individuals concerning selection of occupations and educational courses appropriate to interests, needs, and abilities, and advises regarding vocational, educational, avocational, or personal problems; assembles and maintains files of occupational and educational information tests, and questionnaires needed for educational or vocational counseling; supervises or administers tests and interest questionnaires appropriate for guidance purposes; selects counselors and personnel specialists; supervises guidance programs. May direct and maintain close liaison with civilian and government agencies charged with the rehabilitation, placement, and utilization of personnel including the handicapped. May direct or supervise guidance service to military personnel being separated from the service.

Must be thoroughly familiar with educational and vocational guidance tools and techniques, and with civilian job requirements. Should be able to adapt guidance program to needs of Army personnel. A broad understanding of, and experience in, the problems of the handicapped and disabled, which should include a background of experience and training in the social sciences, educational organization and psychology as related to the treatment and management of the handicapped desirable. For assignment with a separation unit, must be familiar with Army classification procedures, military and civilian occupations and requirements, Army Regulations pertaining to discharge and release from active duty of all military personnel, and local, state, and national facilities engaged in providing guidance, training, and employment opportunities.

Military experience in Army classification and personnel systems very desirable.

Civilian counseling, teaching, or employment service experience essential.

College education with specialization in education, personnel administration, or educational or clinical psychology, or equivalent experience essential.

#### SOURCE JOBS

Vocational Advisor	Employment Counselor or Interviewer
Guidance Counselor	Personnel Technician
School Counselor or Administrator	College Dean
Personnel Consultant	Occupational Analyst

#### PERSONNEL TESTING OFFICER (2250)

Administers or supervises administration of psychological tests to military personnel for classification and assignment purposes. Interviews and determines type of test to be given, such as individual or group tests of intelligence, educational achievement, vocational aptitude, and special skills; administers prescribed tests, prepares reports of test ratings, and recommends classification and assignment; assists in other classification activities.

Should have thorough knowledge of standard test administration and scoring.

Experience in administration of a variety of psychological tests desirable.

#### SOURCE JOBS

Psychological Assistant Student, Psychology	Personnel Assistant Instructor, Psychology
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#### PSYCHOLOGIST, AVIATION (2251)

Under supervision of the flight surgeon of base or unit, conducts or supervises psychological testing for selection and classification of air crew members. Engages in research for design, development, and validation of psychological tests and procedures such as apparatus tests, motion picture tests, and other special tests for classification of pilots, bombardiers, navigators, gunners, and other specialists in the air crew; develops criteria for use in checking psychological techniques against results of selection, classification, and training procedures; conducts research studies on problems of procurement, classification, and distribution of personnel; administers tests and standardizes testing procedures; conducts special studies to determine degree to which use of various training procedures and special training equipment

achieves training objective; prepares reports of research findings and results achieved by various psychological procedures.

Must have experience in experimental psychology, developmental psychology, psychometrics, or related branches of applied psychology, including experience in psychological research related to problems of aviation.

Should have a Doctor of Philosophy degree from an accredited college or university, or equivalent training and experience in psychology.

### PSYCHOLOGIST (2252)

Administers and evaluates individual and group tests to determine intellectual, educational, and personality status of individual, and assists in psychotherapy and guidance. Interviews patient and obtains developmental history and family background; administers pertinent tests of intelligence, vocational, and educational achievement, and personality and interest; interprets test results; makes diagnosis of personality adjustment and writes report of findings and recommendations for inclusion in clinical record; aids individual in adjusting to environmental situation, assisting in psychotherapy and guidance. May serve as member of reclassification or disposition board.

Must have thorough knowledge of psychological tests and should be able to make differential diagnosis on basis of test data. Knowledge of abnormal and social psychology very desirable.

Military experience desirable.

Civilian experience in abnormal or clinical psychological practice in a public or private institution, hospital, court, school, or industrial organization essential.

Should have master's degree in psychology with specialization in clinical, educational, or industrial psychology.

### SOURCE JOBS

Psychologist                      Personnel Consultant

### PERSONNEL STAFF OFFICER (G-1, A-1, S-1)<sup>4</sup> (2260)

Formulates policies and supervises execution of administrative arrangements pertaining to personnel of a command, civilians under supervision or control of the command, and prisoners of war. Plans for

and supervises procurement, classification, reclassification, assignment, pay, demotion, transfer, retirement, discharge, and replacement of personnel; formulates and supervises policies pertaining to decorations, awards, leaves of absence, and furloughs; plans for and supervises activities concerning religious, recreational, and welfare work, and advises commanding officer on morale problems; directs Army Postal Service; makes recommendations as to provisions for shelter and sanitation for command, supervises collection and disposition of stragglers and prisoners of war, and coordinates activities with other staff operations; formulates plans for maintenance of law and order within command, and for graves registration service; supervises all matters concerning military personnel in enemy hands; directs and supervises preparation of strength reports, casualty reports, and other personnel statistics.

Military experience essential. Must have thorough knowledge of Army organization. Should be graduate of Command and General Staff School.

### PERSONNEL PROCUREMENT OFFICER (2270)

Evaluates qualifications of civilian or military personnel to determine fitness of individuals for assignment to military duties. Examines applications, employment history, educational records, letters of recommendation, investigation reports, documents, and related correspondence; interviews applicants; writes report of examination and makes recommendations for acceptance or rejection of application; handles correspondence and inquiries pertaining to status of cases and action taken; maintains liaison with other arms and services and coordinates procedures on related matters. May handle public relations and publicity work to promote public interest in recruiting programs.

Must be thoroughly familiar with policies and regulations governing commissions for civilians or enlisted men. Should have broad knowledge of personnel administration, occupational classification technique, military and civilian occupations, and Army organization.

Military experience desirable.

Civilian personnel or employment service experience in interviewing, occupational analysis, and classification very desirable.

Should have college education or equivalent in practical training or experience.

<sup>4</sup>S-1 performs above duties on a lower level of responsibility in a regiment or lower echelon.

## SOURCE JOBS

Personnel Director	Personnel Technician
Occupational Analyst	Personnel Consultant
Employment Interviewer	

## RECRUITING AND INDUCTION OFFICER (2310)

Directs or supervises recruitment and induction of civilians into the Army. Formulates policies and procedures, and issues directions and instructions regarding enlistments and inductions; plans and arranges for publicity, encouraging men to enlist in the service; directs or supervises processing of enlistment and induction papers; reviews requests for enlistment, reenlistment, or induction of men rejected for various reasons, such as dishonorable discharge, penal offense, and substandard physical or mental state; handles or reviews correspondence and replies to inquiries.

Must know Army organization and administrative procedures; should have good administrative ability.

Military experience essential.

Civilian supervisory or administrative experience desirable.

## LABOR RELATIONS OFFICER (2330)

Formulates policies and renders decisions on matters affecting labor relations with civilian employees. Analyzes policies relating to labor relations and safety methods; considers employee complaints and recommends suitable action, assisting in negotiations for wage scale adjustments and arbitrating labor disputes and grievances; determines that contracts are executed in accordance with Federal and State regulations and statutes pertaining to labor; keeps accurate and complete records concerning accidents, loss of time, and similar matters; performs related duties.

Must have knowledge of law, labor economics, social psychology, Federal and State labor laws, and organization operations, rules, and regulations. Must have demonstrated ability, tact, and ingenuity in labor or public relations work.

Experience in procurement and supervision of labor, in establishment of wage rates, or in legal aspects of labor contracts very desirable.

College training in law, economics, personnel management, or business administration desirable.

## SOURCE JOBS

Lawyer	Labor Relations
Public Relations Specialist	Specialist
Specialist	Industrial Personnel Manager

## LABOR SUPPLY OFFICER (2331)

Formulates and recommends policies and procedures for obtaining maximum utilization of labor and procuring adequate manpower supply to reduce labor shortages in war industries. Ascertain labor supply needs of contractors and furnishes labor supply information and assistance to personnel procurement officers; passes upon requests for relaxation of Federal and State labor statutes; makes recommendations as a basis for awarding of contracts in areas of adequate labor supply; acts as liaison with other Army units and governmental agencies on other measures designed to augment available manpower; assists contractors to expand shift operations and to increase efficiency of manpower utilization in plants; sponsors plant training programs and vocational instruction through recognized governmental agencies.

Should have broad knowledge of labor economics, industrial and social psychology, employment office practices, and Federal and State labor statutes.

Experience in labor and public relations, personnel management, or employment office essential.

College education with training in law, economics, personnel management, or business administration very desirable.

## SOURCE JOBS

Industrial Economist	Industrial Engineer
Labor Economist	Public Relations Specialist
Industrial Personnel Manager	Lawyer

## MANPOWER REQUIREMENTS OFFICER, SELECTIVE SERVICE (2334)

Directs or supervises registration and classification of registrants under jurisdiction of Selective Service and determines quotas for induction into armed forces. Supervises work of local Selective Service boards and maintains uniform system of classification; receives requisitions for men and allocates calls to local boards; plans, regulates, and controls matters pertaining to transportation and delivery of men from local boards to induction stations; maintains records and statistical data on operations and prepares reports of activities; advises and assists local boards on matters affecting classification and induction of registrants, such as erroneous inductions, hardship cases, and placement of conscientious objectors in special camps.

Must have thorough knowledge of Selective Service rules, regulations, and procedures. Should be

familiar with Army regulations and administration.  
Knowledge of law desirable.

Military experience desirable.

Civilian legal or business experience very desirable.

#### SOURCE JOBS

Lawyer                      Business Executive

#### OCCUPATIONAL DEFERMENT ADVISOR (2335)

Advises on matters pertaining to occupational deferment of Selective Service registrants. Interviews and advises individuals and representatives of business, industrial, and agricultural establishments regarding standing under current Selective Service regulations; determines needs of agriculture and industry and estimates manpower requirements to maintain productivity; assists in preparation of replacement schedules to aid employers in maintaining adequate labor forces; maintains liaison with local Selective Service boards and employers. May advise on appeals based on industrial or agricultural reasons.

Must have knowledge of jobs and occupational information, and current Selective Service classifications and regulations. Must be thoroughly familiar with agricultural and industrial manpower problems in area of operations.

Civilian supervisory or executive experience requiring contact with public very desirable. Legal experience desirable.

#### SOURCE JOBS

Personnel Manager              Production Manager  
Business Executive              Agricultural Extension  
Labor Market Analyst              Agent

#### REEMPLOYMENT OFFICER (2336)

Directs or supervises reemployment into civilian occupations of persons discharged from the armed forces. Supervises interviewing of individuals concerning civilian and military occupational skills; arranges for physical examination and vocational and psychological testing program to determine physical health, aptitudes and skills, personality, and interests; maintains liaison with local community resources, such as schools, industrial and business firms, and employment offices, to locate and encourage development of employment and training facilities.

Must have knowledge of Selective Service and Army regulations pertaining to discharge of enlisted men. Must be familiar with local and state facilities engaged in providing guidance, training, and employment opportunities.

Military experience desirable.

Civilian experience involving contact with community organizations very desirable.

College training in personnel management, public welfare, sociology, or vocational education very desirable.

#### SOURCE JOBS

Personnel Manager              Employment Manager  
Guidance Counselor              Social Welfare Worker

#### MACHINE RECORDS OFFICER (2401)

Directs or supervises staff engaged in the operation of machines using the punch card method of reporting, recording, or tabulating data. Supervises personnel operating such machines as key punch, sorter, reproducer, collator, interpreter, and tabulator; plans technical details of machine coordination and control with records maintained in other divisions; plans for application of machine methods where practicable. May conduct classes in machine records and accounting methods. May command a mobile machine records unit and be responsible for its administration, training, supply, and transportation.

Must have thorough knowledge of mechanics and operations of automatic punch card machines. Must have ability to adapt machines to meet new requirements. Should be familiar with business methods, machine accounting, and statistics.

Experience in installing and supervising tabulation procedures essential.

Should have completed courses in the operation and adjustment of tabulating machines or have equivalent practical experience.

#### SOURCE JOBS

Tabulating Machine              Supervisor, tabulating  
Demonstrator                      unit  
Tabulating Machine              Supervisor, tabulating  
Systems Man                      machine service unit  
Tabulating Machine              Installation Supervisor

#### MACHINE RECORDS CONTROL OFFICER (2402)

Coordinates machine records activities to secure

most effective utilization of machine records equipment. Conducts over-all machine records planning and develops procedures to establish punch card tabulation system; supervises preparation of Army directives and regulations for the control of machine record operations; advises on and supervises preparation of new coding structures for special and routine statistical and accounting record keeping systems; advises technical procedures writers on practicability of technical machine records procedures in relation to Army regulations and procedures; reviews reports from field units on success or difficulties encountered in operation of procedures and analyzes tabulated results for errors in machine processing; inspects performance of duties by subordinates.

Must be thoroughly familiar with installation and operation of punch card equipment. Completion of machine records course at The Adjutant General's School desirable.

Civilian experience in tabulating machine system installations desirable.

#### SOURCE JOBS

Tabulating Machine System Specialist	Supervisor, tabulating machine unit
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#### ARCHIVIST (2420)

Performs administrative and professional duties concerned with the collection, compilation, maintenance, and use of a wide variety of historical documents and records pertaining to military events and persons. Supervises staff in the cataloging and custody of historical materials and records; conducts correspondence with educational institutions, historical societies, libraries, and other organizations on matters and subjects pertaining to the compilation and collection of historical records; advises and assists research workers on problems, searching for and making needed source materials accessible; advises and assists in proper disposition of obsolete records, and in microfilming of important documents and records.

Must have comprehensive knowledge and understanding of American military history and methods and mechanics of conducting literary research.

Military experience desirable.

Should have considerable civilian experience in archives activities or historical research.

Must be college graduate with postgraduate work in American history, political science, or library science.

#### SOURCE JOBS

Archivist	Historian
Librarian	Literary Research Specialist
College Instructor,	Political Scientist
History	

#### HISTORICAL EDITOR (2421)

Collects and classifies historical material relating to activities of a particular arm or service. Maintains close contact with headquarters and field organization units, and obtains catalogs, materials, and data of historical value and importance; prepares or assists in preparation of tentative narrative accounts of administrative, technical, and professional activities and revises such material so that it may be available for final editing and publication; prepares or assists in preparation of periodic reports which may be required by other branches of arm or service.

Should have knowledge of activities of arm or service to which assigned. Should have practical experience in historical research.

Military experience desirable.

Civilian experience in editorial and historical research work essential.

Must be college graduate with training in scientific or professional studies pertinent to field of research.

#### SOURCE JOBS

Archivist	Literary Research Specialist
Librarian	Historian

#### GRAVES REGISTRATION AND MEMORIAL OFFICER (2430)

Directs or supervises operations pertaining to location and registration of battlefield graves and cemeteries. Prepares or directs preparation of sketches and maps of cemetery locations and individual graves; supervises collection and disposition of personal effects of dead, and arranges for proper identification and burial; supervises technical training of labor groups in maintenance and operation of cemeteries and inspects performance of duties; coordinates graves registration with combat units, medical units, and chaplains.

May supervise unit in search of battlefields for dead and wounded. May command a Quartermaster Graves Registration Unit and be responsible for its administration, training, transportation, supply, and security.

Should have administrative ability and be familiar with personnel and office management procedures.

Military or civilian experience sufficient for the preparation of simple topographical maps and sketches essential.

Civilian experience in cemetery management, mortuary operation, or technical school training in embalming desirable.

#### SOURCE JOBS

Cemetery Superintendent  
Funeral Director  
Surveyor

#### MEDICAL REGISTRAR (2431)

Performs responsible duties in connection with preparation, maintenance, and disposition of medical and surgical records of the sick and wounded in a military hospital or dispensary. Prepares reports, historical and statistical data pertaining to admittance, diagnosis, treatment, response, and disposition of patients; checks written diagnosis for conformity of nomenclature and form to prescribed procedures, and makes corrections; maintains files on each patient containing pertinent information; arranges for detraining of convoys and assignment of cases to appropriate wards; reviews requests for transfer and certificate of disability discharge for conformity with prescribed procedure; supervises clerical workers in filling out and filing forms; serves as custodian of patients' funds, property, and personal effects. May command the detachment of patients if commanding officer does not assume direct command.

Military experience very desirable and should include 6 months in a hospital or dispensary registrar's office.

Civilian experience in clerical work with some administrative responsibilities, particularly in records section of a hospital, very desirable.

#### SOURCE JOBS

Registrar, hospital      Records Clerk  
Chief Clerk, hospital      Office Manager

#### SCHOOL COMMANDANT (2500)

Directs and supervises activities of staff and faculty in operation of school. Formulates and promulgates policies and directives; prepares and coordinates training schedules and enforces adherence to program of instruction; is responsible for

procurement of supplies and materials and disbursement of Government funds; arranges for quartering, messing, equipping, and transporting student personnel. May instruct classes in military subjects.

Must have military background and be thoroughly familiar with functions and duties of staff personnel.

Military experience in command and staff functions essential. Should have completed service school of arm or service to which assigned.

Supervisory teaching experience very desirable.

Should be college graduate, preferably with courses in education and educational administration.

#### SOURCE JOBS

School Principal  
College Professor

Dean of College

#### AAF INSTRUCTOR (2510)

This specialty will be used for classification of only those instructors whose required qualifications are not described by an MOS authorized for AAF use. Conducts classes and instructs individuals or groups in the theory, organization, and techniques of any one of several specialized technical or nontechnical subjects.

Should be graduated from an accredited college or university; should have several years of practical teaching experience with special training in the use of motion pictures, film strips, slides, and other visual aids; should have military experience.

#### INSTRUCTOR, MILITARY GOVERNMENT (2512)

Conducts classes on Army organization, principles of administration, and American and foreign experiences in military government; advises on problems of military government; advises student officers working on special assignments.

Must have thorough knowledge of War Department General Staff organization and of subordinate units, particularly with reference to relationships of civil affairs and tactical command officers.

Military experience with General Staff essential.

Civilian administrative and teaching experience very desirable.

#### INSTRUCTOR, PUBLIC ADMINISTRATION (2513)

Instructs classes in public administration. Lectures on problems pertaining to municipal, State, or

**Federal Government administration and operation, and administrative organization and functions of foreign governments.**

Should have thorough knowledge of Government organization and of relationships between civil and military governments, and be familiar with governmental operations.

Should have extensive experience in Government administration or operation. Experience in teaching public administration very desirable.

Should be college graduate in public administration or political science or have equivalent experience.

#### SOURCE JOBS

<b>Public Official Instructor, public administration</b>	<b>Administrative Officer, City, State, or Federal Government</b>
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#### INSTRUCTOR, INTERNATIONAL LAW (2514)

Conducts classes and advises on matters pertaining to international and military law and customs, including rules of land warfare and military government, and basis and authority for military government.

Military experience essential. Should include experience in Judge Advocate General's Department, or study of international and military law.

Should have practical experience in field of international law and customs, and military government. Teaching experience desirable.

Should be graduate of law school.

#### SOURCE JOBS

<b>Professor, international law</b>	<b>Lawyer</b>
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#### PROFESSOR OF MILITARY SCIENCE AND TACTICS (2517)

Directs and supervises military instruction and drill of R. O. T. C. students. Coordinates military training program with college academic schedule; supervises military instructors and conducts classes in military subjects; advises on military activities at college and assists in college and campus activities.

Must have knowledge of command and staff functions and be familiar with psychological principles of teaching.

Military command and administrative experience essential.

Civilian executive or teaching experience desirable.

Should be college graduate and have professional training in military science and Army administration.

#### TRAINING OFFICER (2520)

Supervises instruction and training of military or civilian personnel. Analyzes prescribed training programs and prepares training schedules; determines needs and arranges for training facilities, equipment, manuals, and materials; issues instructions regarding administration of school program and teaching of subject matter; directs preparation of teaching aids and inspects class instruction; directs maintenance of progress records and statistical data; informs commanding officers as to student progress and effectiveness of instructional programs. May interview students and recommend assignment or reclassification. May supervise special studies in development of new teaching techniques. May serve on special classification boards. May teach courses or serve as training consultant in specialized field.

Must be familiar with Army organization and have thorough knowledge of arm or service to which assigned.

Military experience essential.

Should have civilian supervisory experience in teaching or in development of training programs.

Should be college graduate with specialization in field of education, or have equivalent practical experience.

#### SOURCE JOBS

<b>Training Program Director</b>	<b>School Principal Instructor</b>
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#### DIRECTOR OF TRAINING (2525)

Directs educational and training programs for military or civilian personnel. Reviews problems in which training is involved and prepares policy and plans for approval; organizes curricula and directs preparation and assembly of instructional materials and equipment; formulates training standards; directs and supervises administrative and training activities of training units and coordinates programs; directs preparation of budgets and expenditure of allocated funds for training; directs assignment of staff and instructors. May participate in classification and placement of student personnel.

Must be thoroughly familiar with functions of particular arm or service to which assigned.

Military experience should include field and ad-

ministrative experience in organizations concerned with military training.

Should have civilian experience in public, private, or industrial education or training.

Should be college graduate with training in field of education.

#### SOURCE JOBS

Director of Training  
School Superintendent  
College Dean

Director of Vocational  
Education

#### TRAINING AIDS OFFICER (2548)

Supervises or assists in the supervision of a training aids program at a base, station, or other installation. Makes studies and recommendations to proper authority concerning availability, requirements for, and means of obtaining all training aids, i.e., literature, posters and charts, films, film strips, and film slides, and training devices for all phases of technical and flying, individual and unit training; assists in and arranges field and technical evaluations of new training aids; advises on use and maintenance of training aids in order to insure efficient utilization and operation; serves as central agency for receipt and initiation of suggestions leading to improvement and modification of existing training aids; arranges for local construction of mock-ups and training devices; assists in the establishment and operation of unit film libraries, special displays and demonstrations; coordinates necessary arrangements for the installation, operation, and maintenance of training devices, and arranges for the distribution and training of personnel required for such installation, operation, and maintenance. Responsible for the maintenance of basic data with respect to status, operations, and use of training aids, and the preparation of required reports and studies therefrom.

Should be thoroughly familiar with courses and phases of training programs. Knowledge of training methods with emphasis on use of visual and synthetic materials essential. Knowledge of Army supply and distribution procedures desirable.

Completion of course of instruction at AAF Training Aids Division desirable.

College training in engineering, physical sciences, educational methods, and/or business administration desirable.

Civilian experience as a visual aids expert or instructor, educational methods instructor or as a business training supervisor desirable.

#### FLEXIBLE GUNNERY OFFICER (2554)

Directs and supervises, in the air and on the ground, flexible gunnery training and operations within the organization to which assigned. Insures that aerial gunners are thoroughly familiar with the appropriate gunnery equipment, accessories, and the latest flexible gunnery tactics and techniques. Insures that all aerial gunnery equipment is properly inspected at regular intervals. Directs the instruction of aerial gunners in crew coordination. Supervises the accomplishment of the duties of gunners prior to combat missions; makes periodic flight checks with aerial gunners, reporting to the operations officer all gunners not suitable for combat operations.

Assists in planning tactical and training operations; maintains liaison with flexible gunnery officers of other echelons and with operations officers and staff officers; provides aerial gunners with the necessary training in specialties other than their own to complete or augment their combat training; coordinates with maintenance and armament officers in making necessary reports on gunnery equipment.

Maintains a continued analysis of flexible gunnery performance to determine the most suitable gunnery procedures for use in the area in which operations are conducted; submitting recommendations relative to improvement in flexible gunnery equipment, training methods, techniques, and procedures.

Completion of basic flexible gunnery school course or equivalent experience and successful completion of the prescribed course of instruction for flexible gunnery officers at an AAF special service school is required.

#### GUNNERY AND BOMBING RANGE OFFICER (2556)

Directs construction, maintenance, and operation of gunnery and bombing ranges of an Army Air Forces organization. Initiates action for acquisition and construction of range; approves plans for range, and recommends changes; plans and supervises building of range equipment including various types of targets; assists in planning of instrument landing systems and in development of airways and navigation aids; maintains liaison with municipalities, aeronautical organizations, and other civil agencies in connection with range operation. May command bombing and gunnery range unit.

Must be familiar with types of gunnery and bombing ranges and armament used by the command. Military experience essential.



## **PRODUCTION PLANNING AND CONTROL OFFICER (2613)**

Plans and controls production program to integrate variable features relating to production, procurement, and distribution of matériel. Conducts industrial surveys to determine national supply capacity for meeting production needs and arranges for allocation of plant loads; formulates methods and techniques for progress reporting, production control, and program schedules; reviews proposed changes in various production programs for the purpose of determining their effect on other phases of total program; develops production standards as a basis for control.

Must be familiar with use, composition, and methods of manufacture of various products including supply sources of critical materials. Must have demonstrated ability to plan and direct work involving coordination of complex factors and insight into management problems.

Military experience desirable.

Civilian experience should include activity in appropriate field of industrial management with experience in production planning and procurement.

### **SOURCE JOBS**

Executive or Manager, manufacturing	Industrial Engineer
Industrial Economist	Production Engineer

## **LOCATOR FILE OFFICER (2614)**

Formulates plans and procedures for maintenance, standardization, and operation of locator card files for efficient locating of troops arriving at or departing from a military unit. Supervises maintenance of files to insure accurate and current information; instructs personnel in policy and procedure governing use of locator cards; maintains liaison with other organizations to standardize methods of securing information and locator card procedures.

Military experience desirable.

Civilian experience in United States Postal Service very desirable.

### **SOURCE JOBS**

Postal Inspector	Postal Clerk
Postal Supervisor	Postmaster
Superintendent of Mails	

## **ORGANIZATION AND EQUIPMENT PLANNING OFFICER (2615)**

Directs or supervises planning and preparation of

Tables of Organization, Tables of Equipment, or Tables of Allowances for an arm or service. Prepares and processes Tables of Organization, Tables of Equipment, or Tables of Allowances for units, schools, and training centers; reviews tables prepared by other arms or services and indicates concurrence or nonconcurrence as they concern his arm or service; assists other arms or services in preparation of tables pertinent to his organization and makes recommendations as to type and amount of supplies and equipment to be included; supervises handling of requests for additional equipment or supplies in excess of approved allowances; maintains close liaison with Army Ground Forces and Army Service Forces on matters of requirements for personnel, equipment, and supply.

Military experience in arm or service to which assigned essential.

Civilian supervisory experience desirable.

Should be college graduate with specialization appropriate to arm or service in field.

## **PLANS AND POLICIES OFFICER (2616)**

Formulates basic plans and policies for the operation of a major organizational unit. Initiates long-range planning for personnel, facilities, and equipment required for future operations; prepares pertinent correspondence, directives, and memoranda; evaluates reports and prepares recommendations for changes in policy or procedure; confers with staff officers and maintains liaison with other units concerning related activities. May perform other administrative or executive duties.

Military service appropriate to operations essential.

Considerable civilian experience in field of specialization in an administrative or executive position of a policy-forming nature very desirable.

College education appropriate to field of activity, or equivalent experience and training desirable.

### **SOURCE JOBS**

Director, governmental agency	President or Director, institutions
Executive, industrial or commercial enterprise	

## **PERSONNEL AND TRAINING OFFICER (2617)**

Directs or supervises training and management of personnel assigned to an organization. Plans and coordinates activities pertaining to training of mili-

tary and civilian personnel of unit; collaborates with governmental units in the development of training programs, including preparation of courses and examinations; supervises preparation and maintenance of personnel records and is responsible for personnel matters such as preparation of pay rolls and vouchers and requisitioning and assignment of personnel.

Must have thorough knowledge of Army administration and personnel procedures.

Military experience desirable.

Should have civilian experience in business administration and personnel management.

College education with specialization in business or personnel administration very desirable.

#### SOURCE JOBS

Personnel Technician

Employment Office Manager

Personnel Manager

Office Manager

#### UNIT OFFICER, TRAINING CENTER (2622)

Directs or supervises tactical training, military discipline, and general welfare of a trainee unit at replacement or basic unit training center or similar installation, and is responsible for its administration, supply, equipment, and security. Directs or supervises basic training in military subjects appropriate to arm or service such as map reading, close and extended order drill, military sanitation, and first aid; directs or supervises basic training in appropriate and tactical subjects; prepares training schedules and programs; develops and maintains cadre system to insure adequacy of training program; checks progress of training; conducts periodic inspections of trainees and equipment; recommends trainees for officer candidate and other service schools; directs or supervises messing and other unit facilities.

Must have thorough knowledge of Army organization and technical and tactical operations of particular arm to which assigned. Must be familiar with Army teaching methods, instructional aids, and training expedients.

Military experience or graduation from appropriate officer school essential.

Civilian supervisory or administrative experience desirable.

#### LOGISTICS OFFICER (2625)

Supervises and participates in the making of studies and preparation of logistical plans for use in developing operations in potential or active combat

theaters. Studies transportation problems, such as determination of car and road capacities of existing or proposed rail facilities, calculation of time-space factors of motor column movements, estimation of relative suitability of different means of transportation for movement of various types of supplies and equipment; collects and consolidates data on climate, agricultural production, natural resources, and other geographic or economic aspects of areas in which operations are contemplated; establishes troop and equipment requirements for specific operations; studies quartering, supply, and transportation problems which arise in planning combat operations.

Must be familiar with supply and transportation requirements of large-scale military operations. Ability to establish methods for gathering and computing logistical data essential.

Must have extensive staff experience particularly in G-3 and G-4 capacity.

Completion of course at Command and General Staff School very desirable.

#### TROOP MOVEMENTS OFFICER (2640)

Plans, directs, and supervises movement of troop units. Prepares schedules and issues movement orders; coordinates movement of various units; arranges for quartering or berthing of troops; advises unit commander on plans and procedures governing movement and control of troops and acts as liaison between troop units; maintains record of troop allotments and assignments and prepares reports pertaining to troop movements.

Must be familiar with Tables of Organization. Must have thorough knowledge of military procedures pertaining to control and movement of troops to or from a port of embarkation. Should be familiar with berthing and assignment of space aboard transports.

Military experience essential. Supervisory experience in directing movement of military personnel very desirable.

Civilian experience in passenger railway or water transportation desirable.

#### COMMUNICATIONS INSPECTION OFFICER (2680)

Directs or conducts surveys of communications units in command to which assigned to determine adequacy and condition of equipment, proficiency of personnel, status of training, and organizational efficiency. Inspects operations and maintenance of equipment, such as wire, radio, radar, radar and

radio aids to navigation, fire control, bombing and countermeasures, and related electronic facilities, to ascertain operating efficiency of communications activities; determines status of supply and maintenance of communications equipment, the efficiency of administration relative to communications matters, and the efficiency of training of unit personnel; prepares reports of inspections; supervises maintenance of files and records pertinent to communications inspections; advises communications inspectors in lower command echelons on establishment of adequate inspection systems.

Military experience in communications operations essential. Should have completed pertinent service school courses.

Civilian supervisory or technical experience in telephone, telegraph or radio engineering desirable.

College education with courses in communications engineering desirable.

#### VISUAL AIDS DEVELOPMENT OFFICER (2685)

Directs or supervises planning, development, and production of visual aids for instructional purposes. Supervises preparation and construction of visual aids such as training films, charts, maps, film strips, models, diagrams, slides, and other materials; directs preparation of booklets, scenario, and explanatory materials as instructional guides governing use of visual aids in training and instruction; instructs training personnel in approved methods and procedures of teaching with visual aids; advises on and recommends suitable training aids for instruction programs.

Military experience essential.

Civilian experience in preparation and use of visual aids in educational programs desirable.

College training in educational methods including use of visual aids desirable.

#### SOURCE JOBS

Visual Education Instructor	Vocational Education Instructor
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#### STUDENT OFFICER (2700)

This code and title will be used only as a duty code and will not be used to designate a Military Occupational Specialty. It includes officers who are currently pursuing studies in general or special service schools, and officers who are engaged full-time in refresher courses, student auditing or observing, and other similar student activities.

This classification is not to be for officers assigned temporarily to a pool and awaiting assignment. (See 0001, Duties Unassigned.)

#### ACADEMIC EXAMINATIONS OFFICER (2705)

Supervises examination of military personnel at service schools and other training installations. Analyzes instructional material and prepares reliable and valid examinations which adequately test pupil's knowledge of subject matter; edits and critiques examinations prepared by instructors; administers examinations; maintains statistical data relating to examinations; analyzes data to determine which phases of instruction are most difficult to comprehend and recommends instructional emphasis accordingly; computes correlations and tables for conversion of raw scores to standard Army grades; conducts item analyses to determine effectiveness of instruction.

Military experience very desirable including graduation from appropriate officer school.

Civilian experience in teaching or administration and preparation of examinations very desirable.

College training with courses involving theory and principles of education, educational measurements, and statistics very desirable.

#### SOURCE JOBS

Instructor, educational institution	Educational Psychologist Statistician
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#### INSTRUCTOR, TEACHING METHODS (2706)

Conducts teacher training classes on methods of teaching. Instructs and demonstrates basic principles of military pedagogy such as decentralization, progressive training, application and use of teaching and visual aids to increase instructional efficiency; holds conferences with individual instructors and outlines programs for improvement in teaching.

Must be familiar with field and fixed installation methods of teaching such as lecture, conference, demonstration, group performance, and coach-and-pupil methods. Must be able to select appropriate method for a given phase of instruction and use of instructional aids such as training films, film strips, blackboards, charts, and training expedients.

Military experience desirable.

Civilian experience in teacher training or participation in radio commentating, public speaking, lecturing, or dramatics essential.

Should be college graduate with postgraduate work in education, speech, or dramatics.

#### SOURCE JOBS

Instructor, Methods of Teaching	Dramatics Instructor
Instructor, Public Speaking	College Instructor Radio Commentator

#### INSTRUCTOR, PHYSICAL SCIENCES (2710)

Instructs or supervises the instruction of military personnel in physical science subjects such as physics, chemistry, and mathematics. Prepares, conducts, and grades examinations; designs and utilizes various types of visual aids; arranges for and conducts demonstrations; supervises practical work done by students; utilizes various reference materials to plan and present subject; maintains pertinent class records.

Must be familiar with methods of teaching such as lecture, conference, and demonstration; must be able to select appropriate method for a given phase of instruction; must be familiar with use of instructional aids such as training films and film strips.

Military experience desirable.

Civilian experience should include several years' practical teaching experience in physical science subjects.

#### SOURCE JOBS

Instructor, physical sciences	Chemist
Physicist	Mathematician

#### INSTRUCTOR, LANGUAGES (2711)

Instructs or supervises instruction of military personnel in one or more foreign languages. Teaches the reading, writing, and speaking of a foreign language; keeps pupils currently informed as to matters pertaining to a foreign state by interpreting publications and speeches.

Should be proficient in speaking, reading, and writing the language or languages being taught. Must be familiar with methods of teaching such as lecture, conference, and coaching; must be able to select appropriate method for a given phase of instruction; must be familiar with use of instructional aids such as training films, film strips, and sound recording and reproduction devices.

Military experience desirable.

Civilian experience in teaching foreign languages desirable.

#### SOURCE JOBS

Instructor, modern languages	Translator Interpreter
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#### INSTRUCTOR, ENGLISH (2712)

Instructs or supervises instruction of military personnel in English literature, English composition, fundamental principles and techniques of public speaking, forensics, and diction; prepares, conducts, and grades examinations; arranges for and conducts demonstrations; supervises practical work done by students.

Must be familiar with methods of teaching, such as lecture, conference, and demonstration; must be able to select appropriate method for a given phase of instruction; must be familiar with use of instructional aids, such as training films and film strips.

Military experience desirable.

Civilian experience should include several years' practical teaching experience in English literature, composition, public speaking, forensics, and diction.

College training with specialization in English literature and composition essential; graduate study in field desirable.

#### SOURCE JOBS

Instructor, English	Lecturer
Instructor, Public Speaking	Author

#### INSTRUCTOR, SOCIAL SCIENCES (2714)

Instructs or supervises instruction of military personnel in economic theory, economic history, economic geography, sociology, history, government, political science, or various applied social sciences. Analyzes courses with emphasis on the needs of military personnel.

Must be familiar with methods of teaching such as lecture, conference, demonstration, group performance, and coach-and-pupil; selection of appropriate method for a given phase of instruction; use of instructional aids such as training films, film strips, charts, and training expedients.

Military experience and thorough knowledge of subject essential. Instructor at U. S. Military Academy should be graduate of the Academy.

Civilian experience as an instructor, research worker, writer, or lecturer in social sciences essential.

Must be college graduate with specialization in social sciences; instructors at U. S. Military Academy should be graduate of the Academy or hold master's degree in social sciences.

#### SOURCE JOBS

Instructor, Social Sciences	Writer, Social Sciences
Research Worker, Social Sciences	Lecturer, Social Sciences

#### INSTRUCTOR, CIVILIAN DEFENSE (2720)

Instructs or supervises the instruction of civilian organization or civil authorities in matters pertaining to public safety such as air raid protection, aircraft spotting and identification, and auxiliary police. Contacts civilian leaders to promote cooperation and assistance in educational, training, or security programs; assists in organizing groups and formulating policies; arranges for and conducts lectures, demonstrations, and training courses; promotes public interest in projects through publicity releases, posters, and other material. May command a detachment of enlisted men and be responsible for its administration and technical proficiency in staging demonstrations.

Should possess extensive knowledge of the technical phases of the subject taught.

Military experience desirable.

#### SOURCE JOBS

Teacher	Public Relations Man
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#### INSTRUCTOR, AIRCRAFT RECOGNITION (2721)

Instructs students in the ready recognition of friendly and enemy aircraft. Lectures on methods and techniques of aircraft identification and demonstrates methods with visual aids such as motion pictures, film strips, slides, and charts. May instruct in recognition of naval vessels.

Must be familiar with techniques of aircraft identification and should have knowledge of teaching methods.

Military experience essential. Should be graduate of Army Air Forces Flash Aircraft Recognition School or other school appropriate to arm or service.

Civilian experience as an instructor desirable.

#### INSTRUCTOR, VISUAL COMMUNICATIONS (2723)

Instructs or supervises instruction of military per-

sonnel in types and employment of visual means of communication. Instructs in use of such signal devices as message pick-up systems, pyrotechniques, panels, codes, flares, smokes, and flags; acquaints pupils with employment of visual communication in tactical situations; demonstrates selection of appropriate forms of communication by simulating tactical situations.

Must be familiar with methods of teaching such as lecture, conference, demonstration, group performance, and coach-and-pupil; selection of appropriate method for a given phase of instruction; use of instructional aids such as training films, film strips, and training expedients.

Military experience and thorough knowledge of subject essential. Should have completed appropriate officers' school courses.

Civilian experience in teaching desirable.

#### INSTRUCTOR, TACTICS (2725)

Instructs or supervises instruction of military personnel in basic and advanced tactics. Teaches logistics, troop leading, offensive, defensive, and holding operations; combines conferences and sand table exercises with terrain exercises, demonstrations, and combat problems in the field.

Must be familiar with methods of teaching such as lecture, conference, demonstration, group performance, and coach-and-pupil; selection of appropriate method of a given phase of instruction; use of instructional aids such as training films, film strips, blackboards, charts, and training expedients.

Military experience with field unit including duties related to subject matter essential. Should be graduate of service school appropriate to field of instruction.

#### INSTRUCTOR, ARMY ADMINISTRATION (2726)

Conducts classes in various phases of Army administration. Lectures on Army regulations relative to administrative and operating procedures and on the organization of the Army; instructs students in handling of administrative forms pertaining to personnel records, pay rolls, mess management, preparation of orders, supply, and transportation; supervises subordinate instructors and assists in preparation of new training programs.

Must have thorough knowledge of Army organization and be thoroughly familiar with regulations pertaining to correspondence, records, and administration.

Military experience essential. Should include graduation from Army administration school and military administrative experience.

Civilian administrative or teaching experience very desirable.

College education including training in business administration or education desirable.

#### SOURCE JOBS

Personnel Clerk or Manager	Office Manager
Records Clerk	Instructor, commercial subjects

#### INSTRUCTOR, DEPOT AND SUPPLY ADMINISTRATION (2727)

Conducts classes for officers and enlisted men in fundamentals of supply procedures including requisition, receipt, accounting, storage, issue, and shipment of property, and in procedures covering lost, damaged, and unserviceable property; demonstrates use of forms necessary in property procurement and accounting, and arranges problems for applications; supervises subordinate instructors and assists in development of training programs.

Must have thorough knowledge of supply methods and procedures and possess ability to competently demonstrate in classroom instruction.

Military experience essential. Should have completed a course in depot and supply administration. Field experience in supply work very desirable.

Civilian experience in accounting and bookkeeping desirable.

Should have some college training in commercial subjects.

#### SOURCE JOBS

Accountant	Bookkeeper
Office Manager	Freight Agent
Instructor, business administration	

#### INSTRUCTOR, COMMAND AND GENERAL STAFF SCHOOL (2728)

Instructs or supervises instruction and assists in the preparation of courses to train selected officers of all arms or services in basic command and staff doctrine and as general and special staff officers to meet the requirements of divisions, corps, and similar units, both ground and air; presents a broad foundation of general military knowledge, including organization and employment of large ground, air, and naval combat units; tactics of the arms and

functions of the services, type operations of the principal ground and air combat units, combined and joint staff organization and procedures, task force operations, operations of combat and service units individually and within task forces, map reading and map maneuvers, and surveys of theaters of operations; obtains information on practical aspects of staff and operational technique from itinerant observers, military missions, and experts recalled from combat zones. May make liaison trips, both overseas and within the United States to keep instruction current.

Must be familiar with methods of teaching such as lecture, conference, demonstration, group performance, and coach-and-pupil method. Must be able to select appropriate method for a given phase of instruction and use instructional aids such as training films, film strips, charts, skits, map exercises, map maneuvers, and tactical rides.

Military field experience and thorough knowledge of staff procedure in operations essential. Must have knowledge of Army organization and be well versed in techniques, tactics, and logistics of combat units and functions of ASF installations.

Civilian experience in teaching field desirable.

Should be a graduate of the Command and General Staff School and of the special service school of his arm or service.

(This classification is not to be used for instructors classifiable in accordance with paragraph 10, section I.)

#### INSTRUCTOR, SEARCHLIGHT AND INSTRUMENT CONTROL (2740)

Instructs or supervises the instruction of military personnel in employment, operation, and maintenance of searchlight and instrument control in coast artillery units. Teaches design and functioning of searchlight control station, power plant, and listener and acoustic correction units.

Must be familiar with methods of teaching such as lecture, conference, demonstration, and coach-and-pupil; selection of appropriate method for a given phase of instruction; use of instructional aids such as training films, film strips, and training expedients.

Military experience with coast artillery or antiaircraft searchlight or ranging units essential.

Civilian experience in teaching field desirable.

#### INSTRUCTOR, SMALL ARMS (2741)

Instructs or supervises instruction of military per-

sonnel in employment, operation, maintenance, and firing of small arms. Teaches nomenclature, disassembly and assembly, mechanical functioning, and techniques of firing machine guns, mortars, rifles, pistols, and other small arms; supervises training in position firing such as kneeling, prone, standing, sitting, and combat; acquaints pupils with effectiveness of small arms such as penetration and range; teaches steps to be taken in cases of misfire.

Must be familiar with methods of teaching such as lecture, conference, demonstration, group performance, and coach-and-pupil; selection of appropriate method for a given phase of instruction; use of instructional aids such as training films, film strips, charts, and training expedients.

Military experience and thorough knowledge of subject essential. Should have completed appropriate officers' school courses.

Civilian experience in teaching field desirable.

#### **INSTRUCTOR, ARTILLERY GUNNERY (2743)**

Instructs or supervises instruction of military personnel in employment, operation, maintenance, and firing of artillery guns. Teaches nomenclature, disassembly and assembly, mechanical functioning, and techniques of firing artillery; supervises training in methods of computing firing data, laying guns, and surveying methods incident to successful employment of artillery; acquaints pupils with effectiveness of artillery such as penetration and range; teaches steps to be taken in case of misfire.

Must be familiar with methods of teaching such as lecture, conference, demonstration, group performance and coach-and-pupil; selection of appropriate method for a given phase of instruction; use of instructional aids such as training films, film strips, charts, and training expedients.

Military experience and thorough knowledge of subject essential. Should have completed appropriate officers' school courses.

Civilian experience in teaching field desirable.

#### **INSTRUCTOR, TANK GUNNERY (2744)**

Instructs or supervises instruction of military personnel in operation, maintenance, and use of 37-mm., 75-mm., and assault weapons used with tank units. Teaches description, nomenclature, operation, disassembly and assembly, mechanical functioning, and techniques of fire; instructs in application of machine-gun fire and tank gunnery with weapons; instructs in care, maintenance, and operation of the

gyrostabilizer, power traverse, solenoid firing devices, and other special control instruments; instructs groups in light and medium tank crew drills; arranges for and conducts demonstrations, supervises practical work and firing done by students, and sets forth principles of unit training in tank gunnery.

Must be familiar with methods of teaching such as lecture, conference, demonstration, group performance, and coach-and-pupil; selection of appropriate method for a given phase of instruction; use of instructional aids such as training films, film strips, charts, and training expedients.

Military field experience and thorough knowledge of subject essential. Should have completed appropriate officers' school courses.

Civilian experience in teaching field desirable.

#### **INSTRUCTOR, SURVEYING AND MAPPING (2746)**

Instructs or supervises instruction of military personnel in methods of surveying and mapping. Teaches use of surveying instruments and methods of developing maps and location of points; coordinates reading and interpretation of battle maps, photomaps, and charts. May supervise instruction in surveying and mapping for gun-laying purposes.

Must be familiar with methods of teaching such as lecture, conference, demonstration, and coach-and-pupil; selection of appropriate method for a given phase of instruction; use of instructional aids such as training films, film strips, charts, and training expedients.

Military experience and thorough knowledge of subject essential.

Civilian experience in surveying and other topographic work desirable.

#### **SOURCE JOBS**

Surveyor	Instructor, surveying
Civil Engineer	Cartographer

#### **INSTRUCTOR, FIELD ENGINEERING (2747)**

Instructs or supervises instruction of military personnel in field engineering. Teaches elementary and advanced map reading and aerial photograph reading and interpretation both by conference and field exercise; conducts and supervises classes in pioneering, construction of fixed and floating bridges, obstacles, field fortifications, camouflage, and laying and removal of mine fields, demolitions, and booby traps.

Must be familiar with methods of teaching such as lecture, conference, demonstration, group performance, and coach-and-pupil; selection of appropriate method for a given phase of instruction; use of instructional aids such as training films, film strips, charts, and training expedients.

Technical military training in surveying or some branch of engineering essential. Should have completed appropriate officers' school courses.

College training in civil engineering desirable.

#### SOURCE JOBS

Instructor, civil engineering	Surveyor
Civil Engineer	Construction Contractor Mining Engineer

#### INSTRUCTOR, HORSEMANSHIP (2749)

Instructs or supervises instruction of military personnel in the employment of horses in Army units. Teaches methods of riding, care, and feeding of horses.

Must be familiar with methods of teaching such as lecture, conference, and demonstration; must be able to select appropriate method for a given phase of instruction; must be familiar with use of instructional aids such as training films and film strips.

Military experience preferably with horse cavalry, horse artillery, or pack animal troops essential.

Civilian experience in care and handling of horses desirable.

#### SOURCE JOBS

Horse Trainer	Stable Manager
Riding Instructor	

#### INSTRUCTOR, MACHINE SHOP (2780)

Instructs classes in care and operation of machine tools used by maintenance and repair units. Conducts courses in theoretical and practical aspects of machine-shop work; directs and supervises subordinate instructors and assists in preparation of new training programs.

Must be experienced in shop procedure and thoroughly understand "lay-out" and shop designs. Must be able to use measuring instruments such as gages and micrometers, and operate machine tools such as lathes, shapers, planers, and milling machines. Should be able to plan courses of study, prepare instructional materials, lectures, and examinations, and use visual aids and demonstration techniques.

Military experience desirable.

Civilian experience as skilled machinist essential.

Should have advanced technical school training in machine-shop practices.

#### SOURCE JOBS

Machinist	Instructor, machine shop practices
Machine Shop Foreman	

#### INSTRUCTOR, WELDING (2781)

Instructs classes in techniques of welding. Explains theory and methods of welding and gives practical demonstrations in electric arc and oxy-acetylene welding; observes and corrects work of students; supervises subordinate instructors and assists in preparation of new training program.

Must be expert welder and be thoroughly familiar with different types of welds and welding positions.

Should be able to plan courses of study, prepare instructional material, lectures, and examinations, and use visual aids and demonstration techniques.

Military experience desirable.

Should have civilian welding experience.

Should have advanced technical school training in welding and machine-shop practices.

#### SOURCE JOBS

Combination Welder	Electric Arc Welder
Oxyacetylene Welder	Instructor, welding

#### INSTRUCTOR, AUTOMOTIVE REPAIR (2783)

Instructs classes at an automotive school in specialized maintenance courses covering basic principles of wheeled and half-track vehicle operations, driver training, duties of transport personnel, planning and operation of motor convoys, and automotive maintenance and repair; arranges for practical demonstrations and utilizes visual training aids such as charts, film strips, and motion pictures; supervises and inspects practice training of students and conducts final examinations.

Should have thorough knowledge of and be able to repair motorized equipment, such as passenger vehicles, cargo trucks, dump trucks, and other wheeled and half-track vehicles.

Military experience, including motor maintenance, desirable.

Civilian experience in teaching mechanical subjects very desirable.

## SOURCE JOBS

Automotive Engineer	Machinist
Garage Manager	Automotive Mechanic

### HEADQUARTERS COMPANY<sup>a</sup> COMMANDER (2900)

Supervises technical and tactical training, discipline, and administration of a headquarters company, detachment, battery, troop, or squadron. Furnishes personnel for administrative section of headquarters unit; provides administrative services for service sections or special troops attached to company; maintains personnel and supply records, and prepares miscellaneous reports; supervises operation of communication equipment; arranges for security of headquarters and policing of area. May provide for messing and quartering of casualties. May command headquarters and service company and be responsible for operation of motor pool, maintenance of unit vehicles, and administration of technical service sections.

Must be thoroughly familiar with all phases of communication operations.

Military experience in arm or service to which assigned essential. Must have command experience and general knowledge of Army organization and administration.

Civilian administrative or supervisory experience desirable.

### HEADQUARTERS COMMANDANT (2901)

Supervises and coordinates internal administration and security of headquarters. Arranges for movement and security of headquarters; contacts appropriate service units for housing, communication, transportation, and supply; provides for detail of orderlies and messengers; supervises headquarters mess, quartering, and messing of casualties; is responsible for reception of visitors at headquarters, and performs other housekeeping duties.

Military administrative experience essential. Should have command experience and general knowledge of Army organization and administration.

Civilian administrative or supervisory experience desirable.

### COMPOSITE UNIT COMMANDER (2902)

Commands a composite service force providing several kinds of services and is responsible for administration, training, and discipline of unit. Evaluates and estimates needs of organization and with aid of staff officers makes decisions regarding personnel efficiency, discipline, operations, training, and supply; issues orders and directives; directs performance of duties and inspects completed work.

Must have knowledge and ability to organize and direct operations of unit. Knowledge of or experience in the technical operations which constitute the special mission of one or more of the various operating units desirable.

Military experience essential. Must have advanced training and experience within arm or service commensurate with grade.

Civilian supervisory or managerial experience desirable.

College education appropriate to field of operations or equivalent practical experience desirable.

### SERVICE COMPANY<sup>a</sup> COMMANDER (2910)

Supervises technical operation and administration of service sections. Receives and distributes supplies, establishing and operating distribution points for rations and water, gasoline and oil, ammunition, and engineer supplies; maintains motor vehicle pool and directs maintenance operations; furnishes personnel for headquarters sections; maintains personnel and supply records, and provides for mess operations and postal services; arranges for service details and orderlies. May be responsible for the establishment, defense, and operation of regimental train bivouac.

Must be familiar with motor transportation and maintenance operations. Must have thorough knowledge of supply movement and distribution.

Military command experience essential.

Civilian supervisory and administrative experience desirable.

### MEDICAL OFFICER, STAFF (3000)

Performs duties as a medical officer of a special staff. Provides information and advice to the commander on medical matters. Supervises Medical Department activities of command relative to sanitation, medical, surgical and dental service, technical training of medical and other personnel, and em-

<sup>a</sup>Substitute battery, troop, squadron, platoon, detachment, or other appropriate designation of unit.

ployment of medical facilities; prepares plans for the operation of the medical service of medical supply of the command and supervises the execution of these plans.

Military experience is essential. Graduation from Command and General Staff School desirable. Must be graduate of Medical Field Service School or School of Aviation Medicine, or have had equivalent military experience.

Must be graduate of a medical school approved by The Surgeon General.

#### MEDICAL OFFICER PREVENTIVE MEDICINE (3005)

Plans, initiates, and supervises control measures against preventable diseases and injuries. Determines incidence of infectious disease in troops and in adjacent civilian communities; investigates all unusual prevalence of disease and carries out special epidemiological studies; determines health hazards in areas where troops are operating or quartered; surveys adequacy of sanitation with special reference to water and waste disposal systems, insect and rodent control, and other conditions affecting the health of troops; submits recommendations regarding the prevention and control of diseases and for the correction of sanitary defects and other conditions adversely affecting the health of troops; exercises technical supervision over the training of all personnel in personal hygiene, sanitation, and other measures for the prevention of disease; supervises and coordinates in major commands activities of specialists in various branches of preventive medicine such as epidemiology, venereal disease control, malaria control, nutrition, industrial hygiene, sanitary engineering, and entomology; maintains liaison with appropriate civil agencies. May serve as medical inspector.

When serving as Venereal Disease Control Officer, initiates and directs a comprehensive and unified program aimed at reducing the noneffectiveness resulting from venereal disease; assures effective operation of all measures directed toward the control of venereal diseases, including education, prophylaxis, and case finding; assures effective implementation of policies regarding diagnosis, treatment, and disposition of patients with venereal diseases in coordination with the medical consultant or senior internist; recommends to higher authorities such administrative measures as may seem desirable.

When serving as civil affairs health officer organizes and directs the civil public health program for area subject to military control; coordinates military

and civilian programs of preventive medicine and public health; advises military government officials on public health matters.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

For assignment as medical inspector in Army Ground Forces units graduation from Medical Inspector's Course of the Medical Field Service School desirable.

Must be graduate of a medical school approved by The Surgeon General. Graduate degree in public health desirable.

#### MEDICAL OFFICER, INDUSTRIAL MEDICINE (3006)

Directs or supervises an industrial medical program. Assures adequacy of emergency medical and surgical care for Civil Service employees of industrial installations; supervises physical examinations of employees for proper job placement from the standpoint of prevention of occupational disease and injury; inspects operation of plant for occupational health hazards and recommends corrective measures; conducts general preventive medicine program among employees; cooperates with other departments in controlling absenteeism and preventing industrial accidents.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be a graduate of a medical school approved by The Surgeon General.

#### MALARIOLOGIST (M.C.) (3007)

Initiates and technically supervises measures to control malaria and other insect-borne diseases. Acts as consultant in all matters pertaining to malaria prevention, including the use of drugs for suppressive treatment; directs entomological, parasitological and clinical surveys of areas in which troops will be operating or quartered to determine hazards from malaria and other insect-borne diseases; collects and evaluates epidemiological data important for planning of control measures; estimates requirements for necessary personnel, supplies, and equipment.

Should be graduate of the Medical Field Service School or have equivalent military training and experience.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### HOSPITAL ADMINISTRATOR (3012)

Directs or supervises administrative activities in a military hospital. Interprets rules and regulations; establishes and puts into operation administrative policies for the preparation and maintenance of supply, personnel, statistical, fiscal, and budget records; supervises such administrative duties as allocation of ward space and disposition of patients' effects; conducts periodic inspections of officers and departments to insure compliance with established regulations; assists the hospital commanding officer in carrying out the policies adopted for unit or installation.

Must be familiar with organizational and administrative practices of medical institutions.

Must have had military experience in the administrative procedures involved in a military hospital over a period of time sufficient to acquire an insight into the needs and background of a military hospital.

Civilian experience as superintendent of a hospital of at least 100 beds for 3 years, post graduate study in hospital administration at a recognized college, or membership in good standing in The American College of Hospital Administration or The American Hospital Association essential.

#### VITAL STATISTICS OFFICER (3020)

Compiles statistical tables, and prepares charts and graphs from data on sick and wounded records; supervises correspondence necessary to correct or supplement these reports; prepares written analysis interpreting data contained on such records.

Must be graduate of an approved school of public health with thorough training in vital statistics and in the analysis of medical records or must be a graduate of a college or university with at least 6 semester hours' instruction in statistical methods and techniques and in addition have the equivalent of 1 year's post-graduate study in a school of public health. Graduates of a college or university who have the necessary statistical training may substitute evidence of the completion of premedical training and at least 2 years' experience in a State or city health department for the year's post-graduate study in a school of public health.

#### MEDICAL OFFICER, GENERAL (3100)

Performs various medical functions in a hospital,

dispensary, field unit, or other military installation. Writes case histories, examines and treats sick and wounded personnel, including battle casualties; collects and evacuates sick and wounded; exercises technical control over medical unit to which assigned; supervises and instructs enlisted personnel in care and treatment of injury and disease. Depending upon the organization to which assigned, performs duties entirely professional or largely administrative in nature.

Must be graduate of a medical school approved by The Surgeon General.

#### MEDICAL OFFICER, TUBERCULOSIS (3101)

Diagnoses tuberculosis and other chronic diseases of the chest and treats patients having or suspected of having pulmonary tuberculosis. Treats, or is consultant in the treatment of, patients suffering from any type of chronic pulmonary disease; consults with the hospital surgical service in the management of cases of tuberculosis and thoracic diseases; consults in the interpretation of chest X-ray films; gives pneumothorax treatment; is responsible for sanitation of wards and other units to which assigned; gives particular attention to control of spread of infection and initiates any epidemiological studies indicated by local conditions; instructs patients and ward attendants in prevention of spread of tuberculosis; educates tuberculosis patients concerning the nature of the disease and general principles of treatment.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### PROCTOLOGIST (3104)

Diagnoses and treats patients with injuries or diseases of the anus and rectum, operating as indicated.

Must be qualified in the use of the proctoscope and allied instruments and be capable of recognizing any diseases or disorders of the colon discovered during the course of examination and treatment.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

### GASTROENTEROLOGIST (3105)

Diagnoses and treats diseases of the gastro-intestinal system. Obtains and studies case histories of patients and follows progress of the disease; studies X-ray examinations; makes and interprets various specialized tests of the gastro-intestinal system and acts as consultant in this specialty to other services; supervises diets of patients in gastro-enterological wards.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

### OPHTHALMOLOGIST AND OTORHINOLARYNGOLOGIST (3106)

Diagnoses and treats patients suffering from injuries, diseases, or disorders of the eye, ear, nose or throat, operating as indicated. Makes eye, ear, nose and throat examinations; supervises care of patients by nurses and enlisted technicians; refracts eyes of patients and prescribes eyeglasses in treatment of visual disorders.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

### CARDIOLOGIST (3107)

Diagnoses and treats patients having or suspected of having cardio-vascular diseases and disorders. Makes and interprets electro-cardiograms; instructs nurses and enlisted technicians in the making of electro-cardiograms; regulates diets; supervises ward personnel in care of patients.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

### OBSTETRICIAN AND GYNECOLOGIST

(3108)

Supervises and performs deliveries and surgical operations in maternity cases.

Provides preoperative and post-operative care for mother and infant; conducts prenatal clinic and gynecologic clinics and performs gynecologic operations as indicated. May perform general surgery.

Must have had adequate training and/or experience in this field as determined under provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

### UROLOGIST (3111)

Diagnoses and treats patients suffering from injuries, diseases, or disorders of genito-urinary tract, operating as indicated. Supervises the care of urological patients; acts as consultant in urology for other services.

Must be skilled in use of the cystoscope in diagnosis and treatment of urinary tract disorders.

Must have had adequate training and/or experience in this field as determined under provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

### DERMATOLOGIST (3112)

Diagnoses and treats patients with disease of the skin and its appendages. Acts as consultant in this specialty to other services. May initiate and direct the diagnosis and treatment of venereal disease, and instruct military personnel in the proper administration of prophylaxis. May direct the operation of a venereal disease clinic.

Must have adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

### ALLERGIST (3113)

Diagnoses and treats patients suffering from conditions of allergic origin. Obtains and studies case histories of patients; makes and interprets various specialized tests essential to examination of patients with allergic manifestations; acts as consultant in this specialty to other services.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

### ANAESTHESIOLOGIST (3115)

Administers or supervises the administration of anaesthetics. Determines the anaesthetic to be used considering patient's condition and the operation to

be performed; records observations while administering anaesthetics; maintains equipment for administration of anaesthetics in serviceable condition; instructs personnel in administration of anaesthetics.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be a graduate of a medical school approved by The Surgeon General.

#### PEDIATRICIAN (3116)

Diagnoses and treats diseases of children. Directs proper hygienic measures for ward care of children; supervises isolation measures of children with communicable diseases. May diagnose and treat communicable diseases in all age groups.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### OPHTHALMOLOGIST (3125)

Diagnoses and treats patients suffering from injuries, diseases, or disorders of the eye, operating as indicated. Supervises and instructs nurses and enlisted technicians in the care of patients; gives examinations; refracts eyes of patients and prescribes glasses.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### OTORHINOLARYNGOLOGIST (3126)

Diagnoses and treats patients suffering from injuries, diseases, or disorders of the ear, nose or throat, operating as indicated. Supervises and instructs nurses and enlisted technicians in the care of patients; gives ear, nose, and throat examinations. May interpret completed X-rays.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be a graduate of a medical school approved by The Surgeon General.

#### NEUROLOGIST (3128)

Diagnoses and directs management of patients

suffering from organic disorders or diseases of the central or peripheral nervous system. Consults in neurology in hospital or other unit as indicated; supervises nurses, technicians and assistants in the care of neurological patients, giving special instruction where necessary; supervises the operation of the electroencephalograph apparatus and interpretation of the electroencephalograms; performs other special examinations of the nervous system such as pneumoencephalograms.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### PSYCHIATRIST (3129)

Diagnoses and treats patients suffering from mental disorders or diseases. Acts as consultant in his specialty to other services in the hospital or other unit and to courts-martial and various Army boards; supervises and instructs nurses and technicians in care of patients; supervises clinical psychologists, psychiatric social workers and other psychiatric aides; carries out mental hygiene program and advises on health and morale of the command; carries on psychiatric activities in field units to maintain mental fitness of the troops.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### NEUROPSYCHIATRIST (3130)

Diagnoses and treats patients suffering from disorders or diseases of the nervous system, both organic and functional. Acts as consultant in his specialty to other services in hospitals, in units, to courts-martial and to various Army boards; supervises operation of electroencephalographic apparatus and interprets electroencephalograms; supervises and instructs nurses and technicians in care of patients; directs clinical psychologists and psychiatric social workers and other neuropsychiatric aides; carries out mental hygiene program and advises command on mental health and morale of the command; carries on neuropsychiatric activities in field units to maintain mental fitness of the troops.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be a graduate of a medical school approved by The Surgeon General.

#### NEUROSURGEON (3131)

Examines patients suffering from injuries and diseases of the nervous system, operating as indicated. Directs preparations for operation and supervises nurses, technicians, and other assistants; supervises preoperative and post-operative care and treatment; directs care of patients.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### MEDICAL OFFICER, TROPICAL MEDICINE (3138)

Diagnoses and treats patients with any of the general or special diseases in the field of internal medicine, with particular reference to tropical diseases. Prescribes therapy; consults with other services in regard to diagnosis of patients with tropical diseases.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### INTERNALIST (3139)

Diagnoses and treats patients with any of the general or special diseases of internal medicine. Consults with specialist in particular branches of medicine regarding diagnosis and treatment; orders and interprets special tests and procedures generally utilized for diagnosis; acts as consultant to other services in cases of general medical conditions.

For assignment in a particular field of internal medicine must have had specialized training.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### GENERAL SURGEON (3150)

Examines, diagnoses, and treats illnesses and injuries of patients with general surgical conditions, operating as indicated. Directs and supervises pre-operative and post-operative care of patients; consults with other medical officers on general surgical conditions; supervises the care of patients.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### THORACIC SURGEON (3151)

Examines patients suffering from surgical diseases and injuries of the thorax and performs surgical operations as indicated. Supervises and instructs officers, nurses, and enlisted technicians in the surgical treatment of thoracic diseases and injuries; supervises and instructs subordinates in pre-operative and post-operative care and dressing of wounds; performs endoscopic examinations.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### PLASTIC SURGEON (3152)

Examines and treats patients suffering from conditions requiring plastic surgery. Performs surgical operations and supervises pre-operative and post-operative care of patients; directs and instructs medical officers, nurses and enlisted technicians in the technique and care of maxillo-facial wounds and other plastics procedures.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### ORTHOPEDIC SURGEON (3153)

Examines and treats patients suffering from disorders of bones and joints, operating as indicated; interprets X-rays of orthopedic cases; reduces and immobilizes fractures by open or closed methods as indicated; supervises application of splints; supervises pre-operative and post-operative care of patients; supervises maintenance of orthopedic appliances; acts as consultant to other services on disorders of bones and joints; instructs classes in first aid and definitive treatment of fractures; instructs ward personnel in care of orthopedic cases.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

## DENTAL OFFICER (3170)

Performs duties incumbent upon a general practitioner of dentistry. Examines, diagnoses, and treats diseases, abnormalities, injuries, and defects of the teeth and their investing tissues; instructs personnel in care of dento-oral health; prepares reports and surveys of the dental service; assists Medical Corps officers in care of sick and wounded in combat areas; supervises requisitioning, procuring, care, and maintenance of dental supplies and equipment.

Must be licensed to practice dentistry. Must be engaged in active ethical practice of dentistry at time of appointment.

Must be graduate of an accredited dental college.

## ORAL SURGEON, DENTAL (3171)

Examines, diagnoses and treats, by surgical or other means, all the infections, diseases, abnormalities, injuries, afflictions, and pathology of the oral tissues and supporting structures, and of the maxillary, mandibular, and adjacent bones. Surgically removes cysts and neoplasms of the oral soft or bony tissues; reduces and provides proper fixation and treatment of fractures of the jaw and adjacent bones; administers or supervises the administration of local and general anesthetics for use in dento-oral cases; prepares and maintains reports and records of progress of hospitalized dental cases and cooperates with Medical Corps officers in the care of such cases; cooperates with orthopedists and plastic surgeons in care and treatment of maxillo-facial injuries.

Should be thoroughly familiar with all laboratory procedures involved in the care of oral surgery patients. Must be licensed to practice dentistry. Must be engaged in the active ethical practice of dentistry at the time of appointment.

Should have background of extensive experience in oral surgery and have been a member of a hospital staff. An internship, fellowship, or residency in a recognized hospital or other institution desirable.

Must be a graduate of an accredited dental school.

## EXODONTIST (3172)

Examines, diagnoses and removes infected or affected teeth.

Should be proficient in the administration of both local and general anesthetics.

Must be licensed to practice dentistry.

Extensive training or experience in exodontia

very desirable. Hospital internship or residency desirable.

Must be a graduate of an accredited college with postgraduate study in exodontia.

## PERIODONTIST (3174)

Examines, diagnoses, and treats diseases of the investing tissues of the teeth.

Must be proficient in the conservative and surgical treatment of periodontal pathology and fully cognizant of the various accepted methods of treating such conditions. Should be qualified to adequately and properly instruct patients in the home care of the investing tissues of the teeth to maintain them in a healthy condition following treatment.

Must be licensed to practice dentistry. Must be engaged in active ethical practice of dentistry at time of appointment.

Extensive training or experience in periodontia very desirable.

Must be graduate of accredited dental college. Postgraduate study of periodontia very desirable.

## PROSTHODONTIST (3175)

Examines and diagnoses cases requiring the restoration of missing teeth. Constructs or supervises the construction of fixed or removable bridges and full or partial dentures to replace such missing teeth.

Must be licensed to practice dentistry. Must be engaged in the active, ethical practice of dentistry at the time of appointment.

Extensive training or experience in prosthetic dentistry essential.

Must be graduate of accredited dental college. Postgraduate study in prosthetic dentistry very desirable.

## DENTAL OFFICER, STAFF (3178)

Assists staff surgeon of a unit or installation and informs staff surgeon regarding current status and capabilities of the dental service of the command. Advises staff surgeon on matters pertaining to oral health, qualifications and proper assignment of dental officers, and dental personnel required to meet needs of command; supervises dental service of command and training of dental personnel for tactical assignments; conducts periodic inspections of dental clinics to insure maintenance of records according to regulations, maintenance of dental equipment and supplies, and adequacy and suitability of equipment.

Must be licensed to practice dentistry.  
Military experience as a dental officer essential.  
Must be graduate of accredited dental college.

#### PHYSICAL THERAPIST (3180)

Diagnoses and treats diseases and physical disabilities requiring physical therapy. Directs physical medicine program for the treatment and rehabilitation of military personnel, including such special treatments as physical exercise, electrotherapy, fever therapy, hydrotherapy, and infra-red and ultra-violet ray treatments; prescribes treatments, develops therapeutic techniques, and directs training program. May supervise occupational therapy and educational training as part of rehabilitation program.

Must have special knowledge of regenerative processes of the body and be able to evaluate physical therapy techniques in relation to them.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### DIAGNOSTIC AND THERAPEUTIC RADIOLOGIST (3182)

Performs duties of diagnostic radiologist and administers superficial radiation therapy. Confers with medical and dental officers on the diagnosis of disease and the advisability of radiation therapy. May perform deep radiation therapy only as authorized by the Chief Consultant to The Surgeon General in Radiology.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### DIAGNOSTIC RADIOLOGIST (3184)

Makes and supervises the making of X-ray and fluoroscopic examinations. Directs the developing of films and interprets films and fluoroscopic screen images; confers with surgeons, medical officers, and dental officers in diagnosis of cases through interpretation of X-ray examinations; trains officers and enlisted technicians in the technical use of X-ray films; supervises the care, installation, and packing of equipment in the field.

Must have had adequate training and/or experience in this field as determined under the provisions of Appendix II.

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Must be graduate of a medical school approved by The Surgeon General.

#### VETERINARY OFFICER, GENERAL (3200)

Performs duties of a general practitioner of veterinary medicine in a hospital, field unit, remount depot, or other military installation. Conducts physical examinations of animals and takes necessary preventive measures to assure health of animals; diagnoses and treats sick and wounded animals including battle casualties; collects and evacuates disabled animals and exercises technical control of the veterinary unit to which assigned; supervises and instructs enlisted personnel in veterinary practice and animal hygiene. May inspect meat, meat-food, and dairy products.

Must be a graduate of a veterinary school approved by The Surgeon General.

#### VETERINARY OFFICER, LARGE ANIMAL (3201)

Diagnoses and treats diseases and injuries of and performs surgical operations on large animals. Directs and supervises preoperative and post-operative care of surgical cases; advises in the management, care, and feeding of large animals; initiates and supervises suitable preventive and control measures for epizootic diseases to preserve and maintain the health of large animals; instructs enlisted personnel in proper procedures in care and treatment of large animals.

Must have at least one year of civilian and/or military experience in large animal veterinary practice.

Must be a graduate of a veterinary school approved by The Surgeon General.

#### VETERINARY OFFICER, SMALL ANIMAL (3202)

Diagnoses and treats diseases and injuries of, and performs surgical operations on, small animals. Directs and supervises preoperative and post-operative care of surgical cases; advises in the management, care and feeding of small animals; initiates and supervises suitable preventive and control measures for epizootic diseases to preserve and maintain the health of small animals; instructs enlisted personnel in proper procedures in care and treatment of small animals.

Must have at least one year of civilian and/or

military experience in small animal veterinary practice.

Must be a graduate of a veterinary school approved by The Surgeon General.

#### VETERINARY OFFICER, STAFF (3203)

Assists the staff surgeon of a unit or installation and informs him regarding the current status and capabilities of the veterinary service of the command. Supervises all veterinary activities of the command relative to sanitation, veterinary service, technical and tactical training of veterinary personnel, and employment of veterinary facilities; commands assigned veterinary troops, and is responsible for administration, discipline, and supply. In both staff and command capacities, estimates situations, makes tactical plans and decisions, and controls employment of veterinary troops.

Military experience essential. Must be a graduate of the Medical Field Service School or have had equivalent military training and/or experience. Graduation from Command and General Staff School desirable.

Must be a graduate of a veterinary school approved by The Surgeon General.

#### VETERINARY OFFICER, REMOUNT (3205)

Acts as consultant and supervisor in directing methods used in breeding and handling of animals and conducts physical examination and tests for soundness of animals to be purchased by the Army. Examines animals for sterility and soundness prior to breeding and advises on the care, management, and nutrition of foals and pregnant mares and other special procedures peculiar to breeding of equines; directs and supervises artificial insemination program; directs and supervises application of preventive measures, such as mallein testing, administration of sera and vaccines, quarantine and disinfection; investigates and makes recommendations pertaining to sanitary conditions in connection with purchasing, handling, and transportation of animals. May serve as member of a remount purchasing board.

Possession of Federal hay inspectors license desirable.

Must have at least 3 years' extensive civilian or military experience in breeding activities or equivalent post-graduate work in animal husbandry.

Must be a graduate of a veterinary school approved by The Surgeon General.

#### MEAT AND DAIRY PRODUCTS INSPECTOR (3221)

Inspects meat, meat food, dairy, poultry, and marine products and ascertains by inspection that proper sanitation and processing methods are maintained in food plants. Supervises and instructs personnel in performance of meat and dairy inspection duties, inspects food products of animal origin for sanitary condition and compliance with specifications. May perform duties of a veterinary officer, general, (3200) diagnosing and treating sick and wounded animals.

Must be qualified to perform the duties of a Veterinary officer, General (3200).

Must have experience in the inspection of meat and dairy products.

Must be graduate of an accredited veterinary college approved by The Surgeon General.

#### MEATS PRODUCTS INSPECTOR (3222)

Examines the sanitary conditions under which meat and meat food, poultry, and marine products are produced and processed. Investigates and evaluates efficiency of the inspection system; supervises and instructs commissioned and enlisted personnel in the performance of meat inspection duties, particularly those in connection with ante and post mortem examinations; acts as advisor and consultant on all phases of meat sanitation and hygiene.

Must have extensive training or experience in meat sanitation and inspection.

Must be graduate of an accredited veterinary college approved by The Surgeon General.

#### DAIRY PRODUCTS INSPECTOR (3223)

Examines sanitary conditions under which milk and other dairy products are produced and processed. Supervises and instructs commissioned and enlisted personnel in performance of dairy inspection duties; investigates and evaluates the efficiency of inspection system maintained by civilian agencies and advises as to corrective procedures; acts as advisor and consultant on dairy sanitation and hygiene.

Must have extensive experience in dairy sanitation.

Should be graduate of an accredited veterinary college approved by The Surgeon General, or be graduate of an accredited college of agriculture or

arts and sciences with major studies in dairy technology.

#### VETERINARY OFFICER, LABORATORY (3231)

Performs chemical, bacteriological, biological, and other tests of meat, meat-food, and dairy products to determine wholesomeness and compliance with Federal specifications and contract requirements. Conducts routine bacteriological, pathological, serological, chemical, and parasitological tests and examinations incident to treatment, control and prevention of disease in military animals; conducts research of military importance in the fields of veterinary bacteriology, pathology, immunology, and parasitology; investigates diseases which adversely affect the health of animals; trains and instructs laboratory personnel.

Must have at least 1 year special training in civilian and/or military experience as a specialist in this field.

Must be a graduate of a veterinary school approved by The Surgeon General.

#### MEDICAL OFFICER, LABORATORY (3303)

Aids in the diagnosis and treatment of disease entities through interpretation and correlation of results of clinical laboratory procedures. Supervises a clinical laboratory section or independent laboratory unit; plans and administers the work of the section or unit; trains personnel; maintains necessary professional and administrative records. May perform technical duties and advise on the interpretation of results of laboratory examinations. May collect and process laboratory data pertinent to sanitary and epidemiological surveys.

Must be qualified in one or more of the following: bacteriology, biochemistry, parasitology, serology and pharmacology.

Must have had adequate training and/or experience in this field, as determined under the provisions of Appendix II.

Must be a graduate of a medical school approved by The Surgeon General.

#### RADIOLOGIST (3306)

Makes and supervises the making of X-ray and fluoroscopic examinations. Directs the developing of films and interprets films and fluoroscopic screen images; confers with surgeons, medical officers, and

dental officers in diagnosis of cases through interpretation of X-ray examinations; trains officers and enlisted technicians in the technical use of X-ray equipment, and in the interpretation of X-ray films; in the field, supervises the care, installation, and packing of equipment; maintains records and files of activities. May perform superficial or deep roentgenotherapy.

Must have specialized training or experience in roentgenology.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

#### BACTERIOLOGIST (SnC) (3307)

Performs and supervises diagnostic bacteriological operations in a hospital or laboratory. Conducts and directs research studies in bacteriological subjects relating to the control of infectious diseases; studies methods of isolating and stabilizing bacteria; collects, isolates, classifies, and studies specimens of blood and discharge and makes microscopic examinations and analyses; prepares and maintains stock cultures of bacteria and conducts routine serologic tests; administers vaccines and sera; prepares reports of laboratory studies, tests, and findings. May investigate special problems such as immunological prevention of dental caries and investigation of antigens for production of "immune" vaccine.

Must have had at least 4 years' training or experience in medical diagnostic bacteriology acquired in the Army, at a hospital, medical school, research agency, or governmental health agency.

Must be university or college graduate with specialization in bacteriology and minor study in chemistry.

#### BIOCHEMIST (SnC) (3309)

Performs chemical analyses of body fluids including blood, urine, pus, and other exudates and transudates. Makes blood sugar determinations; determines blood nitrogen levels; makes blood, urine, and spinal fluid studies; determines concentrations of drugs such as sulfonamides; performs milk and water chemical analyses; identifies poisons of animal, vegetable, and mineral origin, in toxicology, in connection with the analysis of body fluids, foods, and unknown materials. May direct and perform research studies in the field of biochemistry.

Must have had at least 4 years' training or experience in biochemistry acquired in the Army, at a

hospital, medical school, research agency or governmental health agency.

Must be college or university graduate with specialization in chemistry or biochemistry.

#### PARASITOLOGIST (SnC) (3310)

Makes surveys for parasites and vectors. Examines diagnostic material by clinical laboratory methods, identifying gross and microscopic specimens and forwarding diagnosis to attending physicians; maintains insect colonies for laboratory study and instruction purposes; prepares antigens for parasitological treatment inoculation. May teach parasitology and entomology to enlisted and commissioned personnel by lecture and demonstration. May prepare instructional aids such as pamphlets, lantern slides, specimens, and histopathological sections.

Must have had at least 4 years' training or experience in medical parasitology or entomology acquired in the Army, at a hospital, medical school, research agency or governmental health agency.

Must be graduate of an approved college or university with specialization in natural sciences.

#### SEROLOGIST (SnC) (3311)

Prepares, standardizes, and supervises production of diagnostic antigens and sera. Performs and supervises examination and interpretation of serological tests; maintains record of serological reactions; maintains or supervises maintenance of stock culture collections of bacteria; makes research studies concerned with production and testing of experimental vaccines, as for cholera. May teach serological techniques and interpretation and performance of clinical laboratory tests.

Must have had at least 4 years' training or experience in serology or immunology acquired in the Army, at a hospital, medical school, research agency, or governmental health agency.

Must be graduate of an accredited college or university with specialization in serology and bacteriology.

#### CLINICAL LABORATORY OFFICER (SnC) (3314)

Supervises and performs clinical laboratory procedures in hematology, bacteriology, serology, biochemistry, parasitology and other phases of diagnostic laboratory work; instructs personnel in laboratory procedures; supervises preparation of reports of tests and findings; maintains records. May serve as chief of a section in a hospital laboratory.

Must have had experience in medical laboratory work in a hospital, public health institution, or accredited private laboratory and hold at least a Bachelor's degree.

#### ENTOMOLOGIST (SnC) (3315)

Serves as consultant in matters pertaining to health and sanitation from the standpoint of insect and vermin control. Makes regular entomological surveys; identifies medically important insects; recommends control measures based on knowledge of the ecology, life cycles, and habits of the insects under consideration and follows through on adopted policies and procedures; acts as liaison between the medical officer and others on matters pertaining to the maintenance of health standards from the viewpoint of the control of vermin, mosquitoes, and other insects; supervises subordinates and assistants, maintains records, conducts correspondence, and prepares reports and recommendations.

Must have at least 4 years' experience in medical entomology acquired in the Army or in the employ of a city, county, or state health department, the United States Public Health Service, the United States Department of Agriculture, an approved college or university, or other agency specializing in medical entomology.

Must be graduate of an approved college or university with a major in entomology. Graduate degrees in entomology may be substituted for one year of experience.

#### NUTRITION OFFICER (SnC) (3316)

Advises the surgeon on matters pertaining to food and nutrition affecting the health of all personnel within the command. Studies rations and mess operations, including the selection, distribution, preparation, and service of food, as they affect the health of troops; makes recommendations for the correction of defects or deficiencies, and on the need for inclusion of vitamin concentrates as an article of the ration; prepares data on food preparation, nutritive value of foods, and adequacy of rations; studies adequacy of the food consumed by the soldier through nutritional surveys of messes and individual mess analysis; cooperates with the Quartermaster Corps in an advisory capacity on nutritional matters; assists in instruction of officers and enlisted men with regard to nutrition and the attainment of adequate dietary standards; prepares reports and makes recommendations on nutritional matters.

Must be a graduate of a college or university and have 3 years' experience in the field of nutrition or in the nutritional aspects of one or more of the following fields; physiology, biochemistry, food chemistry, hold degree of Doctor of Philosophy or Doctor of Science, or hold a certificate indicating completion of work for such degree from a recognized college or university.

#### TISSUE PATHOLOGIST (3325)

Performs autopsies and other pathological and bacteriological examinations to determine cause of deaths or disease. Performs and supervises related laboratory research work in subjects such as hematology, bacteriology, urinalysis, and blood chemistry; acts as consultant in obscure disease conditions; prepares reports of activities and results of findings. Instructs enlisted technicians in clinical laboratory procedures.

Must have had adequate training and/or experience in this field, as determined under the provisions of Appendix II.

Must be graduate of a medical school approved by The Surgeon General.

#### AVIATION PHYSIOLOGIST (3327)

Directs and supervises the altitude training program of an Army Air Forces unit or air base. Under technical supervision of the surgeon at the station to which assigned, instructs personnel in the physiological principles related to high altitude flying operations; in cooperation with the unit oxygen officer, instructs in care and employment of oxygen and related equipment; supervises operation and maintenance of the altitude training chamber. May collect various data required for the solution of physiological problems.

Must be a graduate of the course in aviation physiology at the School of Aviation Medicine.

Must hold a Doctor of Philosophy degree, or its equivalent, in the biological sciences.

#### PHYSICAL THERAPY AIDE (3418)

Supervises physical therapy treatment of military personnel. Supervises nurses and enlisted assistants in giving exercise, electrotherapy, and hydrotherapy treatments as prescribed by a qualified medical officer; maintains records and charts and prepares reports on the management of a physical therapy department; conducts courses of instruction in physical technique for personnel of medical department

installations; is responsible for the sanitation and cleanliness of the physical therapy clinic and for maintenance and requisition of supplies.

Must have completed 2 years of college with major emphasis either in physical education or biological sciences, or have completed approved courses in nursing and physical therapy. Completion of a 4 years' college course in physical education very desirable.

#### HOSPITAL DIETITIAN (3420)

Supervises preparation of food for patients of an Army hospital. Constructs standardized recipes and directs the preparation and serving of food with emphasis on nutrients, palatability, and attractiveness; calculates and directs the preparation and service of special and metabolic diets prescribed by medical officers; instructs patients in correct food and dietary habits; plans daily menus with special reference to proper diet and nutritional balance so as to utilize available food supplies; assists in requisitioning food supplies and kitchen equipment; maintains accounts and records of dietetic department.

Must be college graduate who has majored in foods and nutrition or institutional management. Must have completed an approved dietitian's training course. Two years' dietetic experience in a hospital approved by The Surgeon General may be accepted in place of the 2 years' training course.

#### NURSE, ADMINISTRATIVE (3430)

Directs the nursing service of a Medical Department installation, or section thereof to which nurses are assigned. Supervises the assignment, instruction, and inspection of duty performance of Army Nurse Corps personnel and female civilian employees of the Medical Department whose primary function is the care of patients; supervises the preparation of reports, returns, and charts regarding the nursing service.

Must be qualified to execute the administrative details required in the operation of the nursing service. Army Nurse Corps experience desirable.

Civilian hospital experience in administration of nursing activities desirable.

Must be a graduate of a school of nursing approved by The Surgeon General.

#### NURSE, NEUROPSYCHIATRIC (3437)

Renders nursing care to neuropsychiatric patients. Supervises the operations and instructions of the

nursing care of neuropsychiatric patients; performs all duties of a general duty nurse and adapts all nursing procedures to the care of neuropsychiatric patients.

Must have had 6 months' post-graduate training in neuropsychiatry in an Army or civilian hospital approved for training neuropsychiatric nurses, or have demonstrated her ability to perform such professional duties.

Must be a graduate of a school of nursing approved by The Surgeon General.

#### NURSE, OPERATING ROOM (3443)

Makes preparations for and assists the surgeon in performing surgical operations. Obtains, prepares, maintains, and sterilizes necessary supplies and equipment; sets up aseptic field for operation; assists the surgeon during operation, either as a member of the surgical team or as assistant, keeping the surgical team supplied with aseptic materials; supervises the personnel assigned to the operating room.

Must be qualified to administer any procedures directed by the surgeon, including intravenous therapy, required for treatment of the patient while in the operating room.

Must have had 6 months' post-graduate training in the surgical service of an Army or civilian hospital approved for the teaching of operating room nurses, or have demonstrated her ability to perform such professional duties.

Must be a graduate of a school of nursing approved by The Surgeon General.

#### NURSE, ANESTHETIST (3445)

Administers or supervises the administration of anesthetics to patients under the direction of the surgeon. Keeps surgeon advised of the patient's general condition and reactions to the anesthetic during operation; assures that adequate supply of material required for the therapy of shock is readily available; administers the necessary measures directed by the surgeon to eliminate shock; keeps records of patients reaction during and immediately following anesthetic; controls any immediate reaction to anesthetic; maintains equipment for anesthetic administration in serviceable condition.

Must be qualified to administer any procedures directed by the surgeon, including intravenous therapy for shock.

Must have had 6 months' post-graduate training in anesthesiology in an Army or civilian hospital approved for teaching anesthetists, or have demon-

strated her ability to perform such professional duties.

Must be a graduate of a school of nursing approved by The Surgeon General.

#### NURSE, GENERAL DUTY (3449)

Renders general nursing care to all types of patients. Supervises daily schedule for care of patients; prepares for and administers prescribed therapeutic treatments; assists physician in treatment and diagnostic measures; meets medical and surgical emergencies arising in the absence of physician; keeps watch over patient's condition, obtaining services of physician when necessary; maintains records on progress of patients; requisitions supplies and cares for equipment in ward; maintains ward in best possible condition; supervises discipline and control of patients.

Must be a graduate of a school of nursing approved by The Surgeon General.

#### MEDICAL OFFICER, COMMAND (3500)

Commands a mobile or fixed medical unit or installation and is responsible for tactical employment, training, administration, supply, and discipline of the command. Provides sanitary, medical, and dental services for the troops to which attached; when serving as commander of a medical group, battalion or company makes medical estimates of the situation; determines location of medical facilities and the disposition of medical troops; directs the collecting, clearing, and evacuation of casualties. When commanding a mobile or fixed hospital or general dispensary directs admission, classification, care, treatment, and disposition of patients. May command a medical supply depot.

Military experience essential. Graduation from the Command and General Staff School desirable. Must be a graduate of The Medical Field Service School or School of Aviation Medicine, or have had equivalent military training or experience.

Must be a graduate of a medical school approved by The Surgeon General.

#### AMBULANCE OFFICER (3503)

Commands ambulance unit and supervises the evacuation of wounded to a treatment station. Supervises the unit in administering first aid and transporting wounded to ambulance; in garrison, conducts training of unit in all of the above functions; supervises vehicle maintenance; requisitions and is-

sues supplies and keeps supply records.

Military experience must include officer candidate school training or equivalent. Completion of course at Medical Field Service School desirable.

Several months experience or training in first aid very desirable.

College training desirable.

#### LITTER OFFICER (3504)

Commands activities of litter bearers in combat. Supervises locating of battle casualties, application of first aid measures, and determination and tagging of various types of casualties; supervises handling and transportation of wounded to an axis of ambulance evacuation; in garrison, directs training of subordinates in performance of combat functions.

Completion of course at Medical Field Service School desirable.

Several months experience or training in first aid very desirable.

College training desirable.

#### MEDICAL ASSISTANT (MAC) (3506)

Assists medical officer in rendering preventive and first aid services to air or ground troops. Conducts reconnaissance activities for selecting and establishing medical aid stations; supervises enlisted personnel providing emergency first aid treatment to troops; verifies immunization records and assists in administering protective sera and vaccine; assists in physical inspection of troops and inspects sanitation and health control measures for their effectiveness; assists in coordinating program of disease control and sanitation; indoctrinates combat personnel with necessity of close adherence to prescribed sanitary procedures, by informative talks and distribution of educational materials; assumes responsibility for supply, transportation, administration, and nonprofessional training of the unit or detachment to which assigned. May conduct classes in various phases of training of medical and surgical technicians.

Must be familiar with disease control and sanitation methods used in the field, emergency first aid practices, operating room procedures, practical nursing, and ward management.

Military experience including experience with medical department field units essential. Must be graduate of the course for training assistants to battalion surgeons or have had equivalent training.

Civilian experience as male nurse or completion of some pre-medical or medical school courses very desirable.

#### PSYCHIATRIC SOCIAL WORKER

(MAC) (3605)

Directs or supervises the psychiatric social work in a hospital or clinic. Develops a social service program and establishes social work policies under supervision of the psychiatrist; assists psychiatrist in the coordination of the social work activities with those of the clinical psychologist, the Red Cross, and related services; supervises, through reading of records and conferences, the social case work activities of the enlisted psychiatric social workers; plans, with the psychiatrist, on-the-job training for psychiatric social workers and for psychiatric assistants, and takes part in appropriate instruction; undertakes social work treatment of such special cases as may be assigned by the psychiatrist.

Must have completed academic requirements and supervised field work in an accredited school of social work, with a major in psychiatric social work; or have completed academic requirements and supervised field work in an accredited school of social work, with a major in social case work, plus at least 6 months' supervised experience in a psychiatric agency.

#### SUPPLY OFFICER, GENERAL (4000)

Supervises the receipt, storage, maintenance, and issue of general supplies. Supervises the packing, loading, unloading, storage, inspection, and distribution of supplies; checks requisitions for conformity to tables of allowances; supervises and controls the taking of inventories, maintenance of stock records, estimation of requirements, and preparation of reports and requisitions. May issue meal tickets and transportation requests and make arrangements for freight and passenger transportation. May perform local purchasing and contracting for supplies and services. May act as accountable officer for items of property and supply. May conduct surveys of various property to determine accountability and responsibility in the case of loss or damage. May procure material handling equipment and personnel.

Must have thorough knowledge of recognized methods of storage, care, and distribution of matériel and supplies. Must be able to provide means for obtaining supplies under all conditions of service. Should be familiar with perpetual inventory and control methods. Should have general knowledge of shipping and transportation details and problems.

Should have military experience including completion of supply course in appropriate arm or serv-

ice or appointment as warrant officer through examination in subject number nine, "Administrative Supply, General."

Civilian experience in the purchase, storage, or distribution of general merchandise desirable.

### SOURCE JOBS

Chief Stock Clerk Foreman, Shipping Storekeeper	Warehouse Manager General Purchasing Agent
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### SUPPLY AND EVACUATION STAFF OFFICER (G-4, A-4, S-4)\* (4010)

Prepares policy and directs all activities concerned with arrangements for supply, transportation, evacuation, and other related administrative matters. Advises the commanding officer relative to the extent of administrative support that can be given to any proposed strategic or tactical line of action; makes recommendations as to the necessary decisions concerning supply and evacuation; issues orders and directs their execution; plans for and directs activities concerning the procurement, storage, and distribution of supplies and the location of supply, evacuation, and maintenance establishments; plans for and directs the construction of roads, trails, docks, airdromes, military railways, and utilities relating to supply, shelter, transportation, and hospitalization; plans for and directs activities pertaining to property responsibility, funds, priority of expenditures, and maintenance of pertinent records; recommends and directs activities concerned with salvage, protection of lines of communication, and rear establishments, and the location of rear boundaries and rear echelon headquarters; initiates, authenticates, and distributes both fragmentary and complete administrative orders, and coordinates with G-3 for details of tactical plan and with G-1 for details pertaining to activities supervised by the personnel section.

Must have thorough knowledge of Army organization procedures, military command, and tactical employment of units.

Considerable military experience essential. Should be graduate of special service of Command and General Staff School.

Should have extensive civilian executive experience with large manufacturing or distributing organizations.

Should be college graduate.

\*S-4 performs the above duties on a lower level of responsibility in a regiment or lower echelon.

### DIRECTOR OF SUPPLY (4012)

Directs and coordinates activities relating to procurement, storage, issue, distribution, maintenance, and repair and salvage of supplies and equipment of the command. Consults with technical service officers of the installation to insure proper integration and control of over-all supply programs including utilization of storage, warehousing and materials handling facilities; directs the procurement and issue of supplies to newly activated units and units alerted for overseas; supervises preparation and maintenance of initial and supplemented lists of shortages and recommends disposition of surplus supplies and equipment; directs the operation of consolidated shop activities to insure compliance with established policies regarding care, servicing, use, maintenance, repair, and reclamation of supplies and equipment; directs the maintenance of stock control records and is responsible for determining and maintaining adequate levels of supply. May arrange for the preparation and issue of orders and instructions for the transportation of troops. May recommend location of service units and repair shops and assign repair and reclamation functions to ASF units within the command.

Must have thorough knowledge of the Army supply system and policies and procedures relating thereto. Must have demonstrated ability to plan and direct work involving coordination of complex factors and possess insight into storage and distribution problems.

Military experience essential. Should be graduate of a service school supply course or Command and General Staff School.

Extensive civilian executive or managerial experience in manufacture and distribution of commodities desirable.

Should have college training in business administration or commercial engineering or equivalent practical experience.

### SOURCE JOBS

Wholesale Distributor Industrial Traffic Manager	Warehouse Superintendent Distribution Specialist Marketing Specialist Buyer
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### QUARTERMASTER, STAFF (4015)

Prepares policies and supervises arrangements for receiving, storing, issuing, and distributing quartermaster supplies, and the performance of other quar-

termaster functions and related administrative matters. Advises commander on quartermaster supply problems in connection with any proposed strategic or tactical line of action, makes recommendations as to the decisions concerning such problems, and prepares orders and supervises their execution. Plans for and supervises activities concerning the procurement, storage, and distribution of quartermaster supplies and makes recommendations concerning location of distributing points, salvage collection points, and other quartermaster establishments and facilities. May command quartermaster troops organically assigned to unit.

Must have thorough knowledge of Army supply system and considerable administrative ability.

Military experience essential. Should be graduate of supply service school or Command and General Staff School.

College education in business administration or equivalent training and experience essential.

#### MESS OFFICER (4110)

Directs or supervises the procurement of food, preparation and planning of menus, and operation of messing facilities within the command. Plans menus within ration allowances and supervises the preparation and serving of food in accordance with established dietetic and sanitary principles; trains personnel in proper care, storage, conservation, preparation, and serving of food and promotes efficient mess management; conducts inspection of mess or messes to insure compliance with existing regulations or instructions regarding distribution, preparation, consumption, and conservation of food; supervises maintenance and care of messing equipment; maintains adequate supplies and supervises the keeping of accounts and the preparation of reports. May act as member of menu board and assist in the preparation of menus for nutritional adequacy, dietary balance, and procurement practicability and make recommendations for change in quantities and for improvement in master menu. May review and approve requisitions for messing equipment in the command. May coordinate all food service activities within the command and be responsible for supervision and inspection of messes, bakers' and cooks' schools, and bakeries.

Must be thoroughly familiar with quality standards and storage and distribution of subsistence items including perishables. Must have sufficient knowledge of dietetics to plan and prepare menus for nutritional adequacy and dietary balance. Should

be able to supervise the preparation of palatable meals in make-shift as well as fixed kitchens.

Military experience in Army mess operation or mess supervision essential. Should be a graduate of Bakers' and Cooks' School.

Civilian experience of a responsible nature in management of large eating establishments very desirable.

#### SOURCE JOBS

Hotel or Club Steward	Restaurant or Cafeteria
Executive Chef	Manager
Ship Steward	Dietitian

#### RESTAURANT OFFICER (4112)

Directs or supervises operation of large restaurant at a depot or base, or several smaller restaurants, bars and fountains at various locations within a service command. Plans and supervises activities relating to the selection and purchase of food and equipment, and the preparation and serving of food, in accordance with established sanitary and dietetic principles; is responsible for the custody and accountability of funds and the disposition of matters concerned with training and supervising employees; supervises the maintenance and care of property and space used for restaurant purposes; prepares reports and financial statements concerning the progress of organization.

Must have knowledge of market prices and of quality and grades of staple provisions. Must have thorough knowledge of preparation and serving of food and management of restaurant business affairs in accordance with standard business principles. Must have ability to supervise and instruct employees in modern methods of dietetics and sanitation. Should be familiar with accounting.

Civilian experience in responsible positions concerned with the management and supervision of restaurants and cafeterias very desirable.

#### SOURCE JOBS

Restaurant manager	Marketing Specialist
Dietitian	

#### MESS, SUPPLY, AND TRANSPORTATION OFFICER<sup>7</sup> (4113)

Supervises mess, supply, and motor transport operations. Requisitions, stores, and issues necessary supplies and equipment; supervises preparation

<sup>7</sup>This title and code to be used only when two or all of the above duties are performed jointly. When any one of the above constitutes a primary duty, use appropriate code and title.

and serving of food; inspects kitchen personnel, maintains efficient operation of the mess, and supervises mess accounting operations; directs the dispatch and maintenance of all motor vehicles within the unit, inspecting and issuing orders for proper use and minor repair of vehicles.

Should have knowledge of record keeping and be familiar with maintenance and operation of motor vehicles.

Military experience essential, with training and experience in some phase of the operations desirable.

Civilian experience in an administrative position desirable.

#### BAKERY OFFICER (4120)

Directs or supervises the operation of a bakery at a post, camp, station, or field installation. Directs the erection of equipment and the acquisition of and accounting for bakery supplies; supervises operations to insure proper quality and desired amount of product; supervises care, maintenance, and repair of equipment and is responsible for efficiency and training of unit. May command a field bakery unit and be responsible for administration, technical and tactical training, transportation, and supply.

Must have a knowledge of practical baking, including the mixing of doughs and sponges, dough punching, molding, rounding, proving, and oven control, and the use of ferments and other ingredients. Must understand the use of baking tools and accessories and the operation of bake ovens and their mechanical and electrical equipment. Must have a knowledge of bakery accounting and the care and preservation of bakery supplies.

Basic military experience in a field bakery very desirable. Should be a graduate of an Army bakers school.

Civilian supervisory experience in the production of bread and bake goods very desirable.

Advanced or specialized training in food technology desirable.

#### SOURCE JOBS

Bakery Manager

Bakery Foreman

#### TECHNICAL OFFICER, BAKERS AND COOKS (4121)

Formulates plans for the technical operation of station bakeries and is responsible for matters of

policy and doctrine pertaining to bakeries. Prepares specifications for new equipment and for the composition of Army bread; supervises production of bread and the maintenance of baking equipment; prepares specifications and reviews bids for bakery equipment; directs the training of field bakery organizations; plans daily and monthly menu requirements for bakery products. May conduct inspections of station and field bakeries to determine condition of equipment and quantity and quality of production.

Should have administrative and organizing ability. Thorough knowledge of Army bakery requirements essential.

Military experience essential. Experience as commandant of a bakers and cooks school very desirable.

Extensive practical commercial experience in technical bakery operations essential.

#### SOURCE JOBS

Food Chemist  
Engineer, Bakery  
Machinery

Bakery Manager or  
Executive

#### SUBSISTENCE PROCUREMENT OFFICER (4130)

Supervises and coordinates the procurement, storage, and distribution of subsistence stores, rations, forage, grain, and subsistence supplies. Supervises the procurement of supplies on a local, regional, or other basis; directs the warehousing of these stores so that the available space is used to the best advantage and stores protected from deterioration and damage; establishes distributing and receiving points when in the field; effects the issuance of supplies from depots to troops; conducts inspections of subsistence stocks and supervises taking of inventories; performs administrative duties relative to personnel, correspondence, and reports. May direct a force of civilians engaged in the storage of subsistence supplies.

Must be familiar with quality standards, market prices, sources of supply, and practices used in the marketing of subsistence items, including perishables. Must have good knowledge of warehousing and distribution of subsistence items.

Normally requires several years civilian experience in supervisory capacity with large wholesale grocery or chain store organizations.

## SOURCE JOBS

Warehouse Superintendant	District or Division Manager, food chain store system
Manager, Wholesale Grocery	Manager, Warehouse or Storage Plant

## FORAGE INSPECTION OFFICER (4132)

Supervises or conducts the inspection of forage. Examines grain, hay, straw, or other forage materials for compliance with the quality and condition requirements of specifications; checks the storage of forage for any evidence of unsoundness or unsatisfactory storage conditions; certifies as to class and grade; instructs and supervises enlisted personnel engaged in the routine technical work of forage inspection. May conduct inspection and procurement of forage at points of origin for shipment to Army installations.

Must have thorough knowledge of Federal standards for hay, straw, and grains. Must understand grades and classes of oats and corn and the storing and sampling of concentrates. Must be able to perform laboratory analysis of hay, straw and grains.

Civilian experience in the purchasing, storing, or selling of hay, straw, and grains very desirable. Civilian experience must have included licensing by the Department of Agriculture to inspect hay, straw, and grains.

Should be graduate of an accredited veterinary college or an accredited college of agriculture.

## SOURCE JOBS

Veterinarian	Stable Superintendent
Purchasing Agent	Inspector

## ARMY EXCHANGE OFFICER (4210)

Supervises the operation of a military exchange, having responsibility for purchasing, warehousing, merchandising, accounting, and personnel. Interviews salesmen; compares prices with Army exchange price lists; confers with superior and other officers relative to purchase of new items of equipment and merchandise; supervises the preparation of purchase orders for supplies and contracts with concessionaires; supervises banking of receipts, keeping of specified control accounts, proper maintenance of inventories, and preparation of payroll and financial reports; develops plans for improving exchanges and for establishing additional branches; prepares correspondence concerning accounts; su-

pervises military and civilian personnel. In a large organization, may direct and supervise subordinate officers charged with the administration of individual exchange units such as purchasing, accounting, warehouse, and sales. May command a mobile exchange unit and be responsible for its administration, training, supply, and transportation.

Must be thoroughly familiar with double entry bookkeeping, stock accounting and sales accountability. Must have knowledge of pertinent Army Regulations.

Military experience including completion of course at Army Post Exchange School very desirable.

Managerial experience in wholesale or retail merchandising field very desirable.

## SOURCE JOBS

Purchasing Agent, department store	Manager, chain store
	Manager, department store

## POST QUARTERMASTER (4220)

Directs and supervises the quartering, clothing, equipping, feeding, and transporting of troops and coordinates all activities of the Quartermaster Corps. Exercises general and specialized supervision, depending on the circumstances over the procurement, storage, and distribution of food, clothing, and supplies; directs the operation and maintenance of motor and animal transports; supervises the collection and disposition of salvage; directs the operation and maintenance of such utilities as laundry, bakery, and sales commissary; directs and coordinates the efforts of subordinate officers, enlisted men, and civilian personnel; directs the preparation and maintenance of records and reports and is responsible for accounting for Quartermaster funds.

Must have thorough knowledge of purchase, storage, and distribution of food and clothing. Must have good knowledge of Army administration and procedures. Should be familiar with warehousing and transportation problems.

Military experience including training in the Army Quartermaster School essential.

Considerable civilian executive experience in buying, storing, and distribution of food, clothing, and general supplies very desirable.

## SOURCE JOBS

Buyer, Food	Warehouse Superintendent
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## **PORT QUARTERMASTER (4221)**

Advises port commander and staff on quartermaster matters and is responsible for the receipt, storage and issue of general supplies at a port, and automatic supply of subsistence to oversea bases. Directs and controls technical and administrative activities of military and civilian personnel engaged in shipment of clothing, equipage, and general supplies to oversea bases and staging areas of the port; contacts oversea supply officers concerning current and anticipated status of supplies; processes requisitions for conformance with T/BA, T/A, and T/O; issues supplies on emergency requests and shortages of task forces and casualties; submits replenishment requisitions to depots; controls stock levels for combat maintenance; prepares survey, inventory and inspection reports; investigates and adjusts discrepancies in incoming and outgoing shipments; directs warehousing activities and the preservation and protection of supplies; assigns labor units to accomplish warehousing tasks, such as unpacking, assembling, marking, and packing of supplies.

Must have a knowledge of large food and clothing supply operations and good general knowledge of administrative procedures. Should thoroughly understand problems of procurement and storage and the maintenance of adequate supply records and statistics.

Military experience including completion of a course in the Army Quartermaster School desirable.

Civilian experience in the buying, storing, and distribution of food, clothing, or other subsistence stores or general supplies in large quantities very desirable.

### **SOURCE JOBS**

Buyer, Food

Warehouse Manager

Buyer, Men's Clothing

## **SALES OFFICER (4222)**

Supervises the operation of a fixed or mobile commissary unit in the field. Consolidates and approves stock requisitions; supervises the storage and sale of commodities other than ration articles; verifies sales reports and reports of funds; checks inventory reports; consults with and advises commanding officer on sales policies. May supervise demonstration operations of mobile commissary unit. May command mobile sales commissary unit and be responsible for its administration, tactical and technical training, transportation, supply, and security.

Must have general knowledge of accounting and ability to manage a retail outlet.

Military experience, including completion of course in Army supply school very desirable.

Civilian supervisory experience in retail merchandising very desirable.

### **SOURCE JOBS**

Retail Store Manager

Sales Manager

## **INSURANCE CONSULTANT (4305)**

Advises commanding officer and procurement officers on insurance clauses in procurement contracts, to achieve uniformity and enforce conformity to Army standards and practices. Reviews and analyzes risks involved in contracts; analyzes contractor's insurance policies and coverages, insurance rate structure, and contractor's self-insurance plan; recommends and prepares program to provide for efficient and economical transfer of risks and liabilities to either the insurer or the government; negotiates with insurance rating bodies and state insurance officials for more favorable insurance rates and policy forms; coordinates and supervises claims, medical and safety engineering programs provided by insurance carriers, and contractor's self-insurance programs; assists contractors in the purchase of insurance coverage not readily available on the insurance market because of the unusual or hazardous nature of the operations involved.

Military experience desirable.

Considerable civilian experience in general and legal insurance work essential.

College training with major courses in law and insurance highly desirable.

### **SOURCE JOBS**

Lawyer

General Insurance Agent

Insurance Executive

and Broker

Contract Analyst

## **RENEGOTIATION AND CONTRACT TERMINATION OFFICER (4309)**

Initiates or reviews renegotiation activities pertaining directly to contract price readjustments, curtailments, and cancellations. Confers with contractors and contracting officers to obtain pertinent data necessary for renegotiations or contract terminations; participates in the determination of measures to be taken, such as price adjustments and cancellation or curtailment of contracts, and prepares rene-

gotation or contract termination documents; maintains liaison with appropriate military and governmental departments and civilian agencies for coordination of price adjustment activities; supervises the disposal of property in accountancy with existing regulations. May supervise staff engaged in the preparation of data for renegotiation and termination of contracts. May serve as member of a panel composed of renegotiators and corporate analysts.

Should be familiar with contracts and claims, tax and legal matters, and military correspondence and procedures. Should have knowledge of industrial production cost methods and be able to analyze, interpret, and evaluate all factors pertaining to the determination of reasonable profit for industrial organizations.

Civilian executive experience in industry, finance, insurance, or law with direct knowledge of manufacturing and industrial problems very desirable.

Should have college education with training in engineering, business administration, corporation law, accounting, or finance, or equivalent experience.

#### PURCHASING AND CONTRACTING OFFICER (4310)

Directs or supervises purchasing and contracting of supplies, equipment, and services. Consults with staff and procurement officers on needs and buying problems; supervises the preparation of bids, making of awards, and preparation of contracts in accordance with basic laws and pertinent regulations; reviews contracts for conformity with statutes and regulations; prepares correspondence incident to purchase; checks for compliance with priority rating certificates and classifies materials and supplies according to use, destination, or other factors; assigns and allocates purchased supplies and services; supervises the maintenance of finance records and prepares reports; coordinates necessary financial assistance. May investigate reliability of manufacturers and distributors and their ability to fulfill contracts. May formulate procedures for inspection of delivered supplies to enforce compliance with contract requirements.

Must have thorough knowledge of recognized commercial methods of purchasing and contracting, contract laws, and the preparation of contracts and purchase orders. Should be thoroughly conversant with Army Regulations covering procurement activities of the War Department.

Should have military experience, including training or experience in procurement activity.

Civilian experience in buying or purchasing very desirable.

Should have college degree with specialization in business administration or commercial law and accounting.

#### SOURCE JOBS

Purchasing Agent	Contract Lawyer
Buyer	Sales Engineer
Manufacturer's Agent	Commodity Broker

#### REAL ESTATE OFFICER (4312)

Conducts surveys and investigations and makes recommendations for the procurement, management, or disposal of War Department domestic and foreign real estate. Searches files and records in local offices of record to ascertain names of land owners and accessibility of areas; initiates action to acquire real estate by purchase, condemnation, or other means; classifies real property in categories of active, inactive, or surplus; initiates real property studies; reviews reports of survey and indicates action in the cancellation of leases, transfer of real property within the War Department or to other Government agencies, and coordinates with other departments or agencies in handling disposal of domestic and foreign real estate; coordinates engineering studies of facilities to provide bases for determining utilization of installations for future retention or disposal; investigates claims arising from damage due to maneuvers of troops, prepares reports, and recommends adjustment; maintains official War Department Real Property Records on military installations within and without the continental United States and is responsible for special reports, historical records, preparation of directives, WD circulars and regulations and other policy establishing instruments as required by the War Department or other government agencies. May act as member of Rents and Claims Board.

Must have several years' civilian or military experience in real property appraisal, brokerage, real estate law or related activities.

#### PRODUCTION INSPECTION OFFICER (4314)

Directs and supervises the inspection of military supplies, equipment, and matériel of a technical nature to insure conformance with specifications. Directs activities of inspectors assigned to industrial plants engaged in the execution of contracts for

supplies and equipment; institutes methods of inspection to meet changing production methods or specification requirements; directs the disposition of matériel not in accordance with specifications; instructs subordinate inspectors in proper inspection methods; directs the keeping of pertinent reports and records; arranges for travel itineraries and assignment of inspectors.

Must have wide knowledge of the manufacture, fabrication, and inspection of supplies and equipment of a technical nature; must be able to instruct subordinates in the interpretation of drawings and specifications and in the use of precision apparatus necessary for inspection operations. Must have thorough knowledge of laws, rules, and regulations concerned with government contracts and have considerable executive and administrative ability.

Military experience desirable.

Civilian supervisory experience in industrial design, production, or inspection highly desirable.

Should have college training in field of mechanical, electrical, or chemical engineering, or equivalent in practical training and experience.

#### SOURCE JOBS

Electrical Engineer	Laboratory Technician
Mechanical Engineer	Inspection Foreman
Chemical Engineer	Foreman, Machine Shop

#### PROCUREMENT CONTROL AND PRODUCTION OFFICER (4319)

Determines ability of manufacturing plants to produce materials, equipment, and spare parts required by the Army and coordinates production plans and schedules between War Department and manufacturers. Compiles data on industrial facilities, and determines plant capacity, production rates, and operations required; determines and expedites allocation of materials for manufacture of supplies, equipment, and spare parts; obtains and distributes priorities for materials; transmits purchase information to contractors; pursues studies and investigations to insure maintenance of high production standards, preservation of critical materials, elimination of waste, and reduction of man-hours; recommends efficiency measures as a result of standardization of manufacturing processes; maintains liaison with governmental agencies and manufacturers' associations.

Executive experience in large manufacturing plant or commercial enterprise or industrial or mechanical engineering desirable.

#### PROCUREMENT OFFICER (4320)

Conducts the procurement of supplies, equipment, and services. Prepares procurement requisitions and circularizes requests for bids for materials, supplies, and equipment; meets with manufacturers' representatives for the purpose of discussing quality and quantity of items to be purchased; reviews and examines bids for conformity with Army regulations and standards, prior to the awarding of contracts. May prepare delivery orders and make arrangements for securing adequate priorities in order to obtain prompt deliveries. May assist in renegotiating contracts for avoidance or recovery of excessive profits of contractors. May handle voluntary price reductions and refund agreements. May formulate procedures for inspection of delivered supplies to enforce compliance with contract requirements. May supervise personnel engaged in procurement activities.

Must have thorough knowledge of the specification, inspection, and administrative procedures related to the equipment and material to be obtained. Must be qualified to deal with manufacturers, contractors, or other sources in procuring equipment or services of the desired type and specifications.

Considerable civilian experience as purchasing agent or buyer with large corporation or government procurement agency desirable.

College education with professional training in field of specialization desirable.

#### SOURCE JOBS

Buyer	Purchasing Agent
Sales Engineer	

#### PROCUREMENT ASSIGNMENT OFFICER (4323)

Unifies and assigns procurement responsibility for the purchase or production of supplies, equipment, and matériel to appropriate federal or military agency. Analyzes and compiles materials requirements prepared by the various arms and services; allocates procurement responsibility based on such factors as urgency of needs, proportionate share of total purchase, familiarity with specific materials, or channels involved.

Must be thoroughly familiar with procurement policies and procedures of the War Department and with functions and responsibilities of supply branches.

Military experience desirable.

Several years civilian executive experience in production management or with government procurement division very desirable.

Should be college graduate with specialization in business administration or economics.

#### SOURCE JOBS

Industrial Engineer	Production Manager
Industrial Economist	Purchasing Agent

#### PROCUREMENT SURVEY OFFICER (4324)

Makes survey analysis of various military material procurement systems for the purpose of facilitating efficient functioning and conformance to sound procurement policies. Evaluates effectiveness, organization forms, and operating methods; consolidates important findings into reports, makes recommendations for improvements, and suggests changes in system or procedure.

Must be thoroughly conversant with Army Regulations and policies covering procurement activities of the War Department.

Military experience very desirable.

Civilian executive or administrative experience in formulating purchasing policies for large industrial or government agency very desirable.

Should be college graduate with specialization in business administration or economics.

#### SOURCE JOBS

Industrial Economist	Purchasing Agent
Production Engineer	Procedural Analyst

#### PRIORITIES AND ALLOCATIONS OFFICER (4325)

Administers and controls operation of priorities allocations system for materials and equipment. Obtains and controls distribution of priorities for allocation of essential raw materials, machine tools, and equipment, or agricultural commodities needed for a production program; secures and assigns emergency ratings; supervises the processing of priority applications and assignment of preference ratings to contracts and orders; maintains contact with governmental agencies and representatives of industry to establish and coordinate methods and procedures for handling priority problems arising in procurement and shipment of materials; performs liaison duties with regard to conservation and limitation orders; directs and trains personnel in administer-

ing priorities allocations; directs the maintenance of records and reports. May establish procedures and policies concerning priorities for allocations of materials. May administer and assign priority ratings on purchase orders placed by foreign governments.

Must be familiar with priority system and governmental procedures in relation to priorities. Thorough knowledge of military materials requirements and Army supply procedures essential.

Civilian experience dealing with priorities either with government agency or industrial firm essential.

College training in business administration desirable.

#### SOURCE JOBS

Production Manager	Purchasing Agent, govt-
Industrial Engineer	vernmental or industrial agency

#### PROCUREMENT EXPEDITER (4355)

Supervises expediting of manufacturing activities at government or private plants to meet military requirements. Insures that matériel and supplies are shipped on promised shipping date by checking purchase orders for delivery date, and communicating with transportation agency to assure prompt handling in transit; supervises the preparation of statistical records and reports of deliveries in order to facilitate completion of priority assignments; directs maintenance of order files and posting of production tickets; reviews reports of plant departments to ascertain lags, and to recommend solutions; determines present needs and estimates future needs of supplies and equipment. May follow through the complete production of an item at plant to determine causes for delay and make recommendations for their elimination. May supervise the training of procurement expediting personnel.

Should have knowledge of manufacturing processes, materials involved, and production rates.

#### SOURCE JOBS

Plant Manager	Production Manager
Purchasing Agent	

#### PRINTING OFFICER (4360)

Supervises the reproduction of Army regulations, circulars and various forms by means of photostat, mimeograph, or similar duplicating machines. Plans production schedules to assure completion of jobs on time, giving due consideration to equipment and

personnel available; selects appropriate reproduction method and delegates necessary supervisory authority to qualified civilians or subordinate officers; directs the maintenance of necessary records; procures supplies and equipment; performs liaison duties with distribution and publishing units, including the Government Printing Office.

Must be thoroughly conversant with modern methods of printing and duplicating material in large quantities. Must have executive ability in order to coordinate the efforts of officers and civilian personnel. Thorough knowledge of Government budget administration and production control very desirable.

Civilian experience in the operation of a printing or publishing establishment engaged in large scale duplicating essential.

#### SOURCE JOBS

Chief, Duplicating Machine Unit	Foreman, Printing and Publishing
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#### REMOUNT OFFICER (4370)

Directs or supervises receipt, processing, and issue of horses, mules, and dogs for military use. Directs the receipt and segregation of incoming animals and provides adequate quarantine measures; establishes schedules and issues instructions for feeding, training, conditioning, or reconditioning of animals; supervises the selection, classification, training and placement of riding animals, pack animals, dray animals, sentry dogs, messenger dogs, and animals trained for various other duties associated with regular or special military activities; conducts final inspection of animals prior to issue, to insure soundness and readiness for service; maintains liaison with various arms and services requiring use of animals to ascertain shipping requirements and point of delivery; directs the preparation of shipping documents and prepares reports. May conduct classes of instruction for military personnel in remount duties. May command a remount squadron or remount depot and be responsible for administration, tactical and technical training, transportation, and supply.

Must have a thorough knowledge of animal administration and animal husbandry including feeding, protection, prevention and first aid treatment of diseases and injuries, protection of forage, and use of stable tools. Should have considerable practical knowledge of horsemanship.

Military experience including active duty with

horse cavalry, horse or pack artillery, remount troops, or other animalized units essential.

Extensive civilian experience in animal administration, including breeding and training, essential.

Should have college training with specialized work in animal husbandry or equivalent in practical experience.

#### SOURCE JOBS

Manager Stock Farm	Rancher
Packmaster	Horse Stable Superintendent
Horse Trainer	

#### DOG TRAINING OFFICER (4371)

Directs or supervises the selection and training of dogs for sentry, messenger, sledge, pack, and various other duties associated with regular or special military activities, including mountain, desert, arctic, and jungle warfare. Supervises the selection of individual dogs for training, basing the selection on their size, intelligence, temperament, and keenness of senses; recommends types of equipment required for training purposes; recommends treatment of dogs to increase their usefulness; is responsible for supplying the Army with service dogs trained and able to accomplish missions either at large or at restricted range; instructs selected officers and enlisted men in the handling, care, and use of the trained dogs under various conditions; advises on the development of systems, techniques, and basic standards for dog training. May assist in the preparation of training manuals on training of dogs for special purposes, including data on types and breed of dogs best suited and adaptable to the purpose intended.

Civilian professional experience in breeding and training dogs essential.

Should have college education with specialization in animal husbandry or equivalent in practical experience.

#### SOURCE JOBS

Kennel Manager	Dog Fancier
Dog Trainer	

#### REMOUNT PROCUREMENT OFFICER (4373)

Directs or conducts the procurement, inspection, and breeding of horses and mules. Conducts the procurement of horses and mules by negotiating with civilian agents and suppliers; directs the establish-

ment of distributing and receiving points; directs the Army horse breeding plan in a designated area; maintains liaison with civilian agents, encouraging profitable production of horses suitable for military and civilian use; directs the placing of stallions and makes periodic inspections to determine their care, condition, number and types of mares being bred, suitability of foals produced, and care of government equipment held by an agent on memorandum receipt; performs administrative duties relative to personnel, correspondence, and maintenance of reports.

Should have considerable practical knowledge of animal husbandry.

Military experience in horse cavalry, horse or pack artillery, or remount activities essential.

Civilian experience in management of horse or mule breeding establishment, horse or mule commission work, or similar activity very desirable.

Should have college training with specialization in animal husbandry.

#### SOURCE JOBS

Stock Yard Superintendent      Manager, horse or mule breeding unit

#### SIGNAL SUPPLY OFFICER (4400)

Directs or supervises receipt, storage, care, maintenance, and issuance of Signal Corps supplies. Supervises handling and warehousing of incoming shipments and maintenance of stock records; supervises inspection, storage, and inventory of supplies; supervises processing of requisitions, packing, marking, and loading of shipments, and preparation of shipping papers; supervises operation of repair, test, and salvage units. May supervise local procurement and inspection at point of delivery. May perform like functions for supplies and equipment of any arm or service used by Signal Corps. May command a field supply unit, a signal supply depot, or signal section of a general depot and be responsible for administration, training, supply, transportation, and security.

Should be thoroughly familiar with Army organization, T/BA's, T/A's, and Army Regulations dealing with transportation, warehousing, accounting, and local procurement of military supplies.

Military experience in administration of a signal supply depot or depot sections very desirable. Should have completed supply course in a Signal Corps school.

Civilian experience in modern methods of receiv-

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ing; warehousing, and issuing valuable and delicate instruments including electrical or communication equipment essential.

#### SOURCE JOBS

Manager, communications equipment stock room

Traffic Manager, electrical supply

Branch Manager, communications equipment manufacturing

#### MAINTENANCE AND REPAIR OFFICER, AIRBORNE SIGNAL EQUIPMENT (4402)

Supervises the repair and installation of Signal Corps airborne and related equipment. Prepares instructions for the repair and care of signal equipment and trains crews in repair and installation operations; inspects and checks spare parts and test equipment; recommends bases for issue of spare parts and test equipment to air service command or Army Air Forces.

Military experience including field training and experience in communications essential.

Civilian experience in radio engineering with specialization in manufacture, service, and operation very desirable.

College degree in electrical engineering with specialization in radio engineering very desirable.

#### SOURCE JOBS

Electronic Engineer

Radio Technician

Radio Engineer

#### INTERNATIONAL AID SUPPLY OFFICER (4403)

Controls movement of materials and equipment procured for international aid from source to final destination. Consults with governmental agencies regarding requirements for lend-lease materials; maintains liaison with domestic and foreign government agencies for the purpose of coordinating procurement of supplies and expediting shipment of materials; keeps account of movement and availability for shipment of goods and materials; supervises routing, priorities, and release for shipment of materials and equipment for oversea delivery; contacts representatives of foreign governments regarding marking and shipment of materials; furnishes representatives of foreign governments with specifications and other technical information on standard items. May consult with representatives of foreign procurement agencies regarding requirements for

lend-lease material and assist in preparation of formal requisitions. May conduct preliminary survey of bids and requests for lend-lease articles in order to estimate needs and make plans accordingly.

Military background with experience in military supplies essential.

Civilian experience in transportation and movement of merchandise essential.

College education with specialization in engineering or economics desirable.

#### SOURCE JOBS

Transportation Manager	Production Manager
Export Manager	Distribution Manager

#### PACKING OFFICER (4404)

Formulates policies, specifications, and instructions relative to materials used and method of packing of special equipment; coordinates packing activities of all agencies concerned.

Must have thorough knowledge of materials and equipment used in packing, crating, boxing, wrapping, or otherwise protecting for shipment various types of heavy machinery or supplies requiring the construction of special crates or other containers. Must be familiar with methods and measures used for protecting materials against breakage and deterioration through exposure to moisture, heat, cold, and other climatic conditions.

Military experience desirable.

Experience as a packing specialist for a large distributor or manufacturer very desirable.

#### SOURCE JOBS

Superintendent, shipping department	Production Manager, boxes and containers
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#### OVERSEAS SHIPMENT OFFICER (4406)

Supervises shipping operations, preparation of shipping instructions, and assignment of code shipment designations for oversea delivery of materials. Directs and expedites unloading and transfer of supplies and equipment to vessels for oversea shipment; insures completeness and correctness of outgoing shipments by examining quantity, quality, crating, and marking of items; arranges for routing, priorities, releases for shipment, and assignment of code designations; directs preparation of invoices, records of loading, and shipping and storing releases, and is responsible for effective handling of operations; prepares reports regarding weight and volume of equip-

ment consigned overseas; prepares requisitions to replace equipment lost at sea; supervises and directs personnel in proper marking and packing of materials; directs maintenance of records and files pertaining to oversea shipment of goods.

Must be familiar with routing and classification problems involved in the movement and transportation of merchandise.

Should have civilian experience in transportation and shipment of merchandise.

#### SOURCE JOBS

Traffic Manager	Freight Agent
Export Manager	Shipping Foreman

#### EQUIPMENT DISTRIBUTION OFFICER (4407)

Directs and supervises the preparation and editing of requisitions for equipment of specified types. Initiates requisitions for the maintenance requirements of theaters of operation; initiates and follows up emergency procurement of material not available in depot stocks; arranges for routing, priorities, and releases for shipment; follows shipments from depot stocks to ultimate consignees; maintains schedule showing location of major items under jurisdiction; analyzes daily stock records to determine stock level.

G-2 clearance essential.

Military experience desirable.

Should have training and experience in supply distribution.

#### SOURCE JOBS

Supply Superintendent	Traffic Manager
Purchasing Agent	Stockroom Foreman
Express or Freight Agent	Shipping Clerk

#### NOMENCLATURE OFFICER (4408)

Supervises matters relating to policy on nomenclature and name plates relating to equipment. Coordinates activities with those of similar officers of the Navy so that conflicting nomenclature is avoided; maintains liaison with supply services of all arms and services on parts lists and other pertinent matters; maintains liaison with stock numbering agencies on stock numbering policies.

Must have G-2 clearance.

Military experience in general depot or supply work essential.

Should have extensive civilian supervisory experi-

ence in appropriate manufacturing or distributing field, including responsibility for cataloging equipment and parts of a technical nature.

College training in engineering with appropriate specialization very desirable.

#### SOURCE JOBS

Cataloger, technical material	Specification Writer
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#### SUPPLY OFFICER, DEPOT (4410)

Supervises the requisitioning, receipt, storage, maintenance, and issue of supplies at an area or general depot. Supervises the requisitioning of quartermaster or general supplies to maintain stock levels; supervises the unloading and loading of supplies and their storage in proper sections of the depot according to respective arms or services; supervises the issue of supplies and the maintenance of supply records and inventories; controls a labor pool and its allotment to various supply sections; administers general or technical supervision over enlisted personnel and maintains personnel records. May supervise the receipt, inspection, and classification of surplus equipment turned in by staging area troops.

Must have thorough knowledge of recognized commercial methods of storage, care, and distribution of general merchandise and supplies. Must have good knowledge of shipping and transportation problems and details. Should be familiar with perpetual inventory and control methods.

Military experience, including training in quartermaster supply activities very desirable.

Civilian experience in storage and distribution of general merchandise very desirable.

#### SOURCE JOBS

Warehouse Manager Shipping or Receiving Room Foreman	Commodity Distributor Chief Storekeeper
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#### SUPPLY OFFICER, ADMINISTRATIVE (4411)

Supervises an administrative organization engaged in the maintenance of records and operating procedures pertaining to supply functions. Supervises processing of requisitions, including editing, in accordance with stock numbers, nomenclature, and tables of basic allowances and tables of allowances; maintains current catalog of supplies and identifica-

tion of listed material for initiating action relative to emergency procurement of material not in depot stocks; coordinates and secures action on unit shortages and on shipments to and from installations and other establishments; supervises the keeping of inventory records and preparation of stock adjustment, inventory inspection, and survey reports; prepares correspondence incident to general supply problems and confers with superior officers on supply matters.

Should be thoroughly familiar with methods and procedures involved in stock accounting. Should have knowledge of shipping procedures, packing, crating, and recording.

Military experience including thorough training in supply, organization, and procedures desirable.

Several years civilian supervisory experience in storage and distribution of various commodities very desirable.

#### SOURCE JOBS

Warehouse Manager Foreman, storage, shipping, or receiving	Stock Record Clerk Purchasing Agent Bookkeeper
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#### SUPPLY RECEIVING OFFICER (4413)

Supervises the receipt, checking, and inspection of supplies and equipment. Expedites the unloading of supplies; supervises the inspection of incoming shipments and investigates violations of contract specifications; supervises the preparation of receiving reports; contacts suppliers to adjust claims when receiving reports do not agree with bills rendered; coordinates receiving activities with the finance officer to insure prompt payment, with the stock record section to provide proper designation of expendable and nonexpendable property, and with the requisition section to expedite delivery of supplies; rules on personnel problems and questions of receiving procedure. May supervise the unloading and distribution of salvage at a salvage depot.

Should have good knowledge of commercial methods applicable to receipt and inspection of various commodities including adjustment of claims. Should have knowledge of principles involved in bookkeeping.

Military experience desirable.

Several years civilian supervisory experience in receiving and shipping activities with large industrial or commercial enterprises desirable.

## SOURCE JOBS

Foreman, receiving department	Warehouse Manager
Receiving Clerk	Storekeeper

### SUPPLY SHIPPING OFFICER (4414)

Supervises and expedites shipping of supplies and equipment. Directs the preparation of bills of lading, shipping reports, and other papers required for the movement of materials, supplies, and equipment; directs the shipping of repaired and reclaimed property from salvage depots to various divisions for re-issue; directs the assembly, packing, and marking of supplies for shipment; when working at a port, supervises the maintenance of records on overseas and other shipments and the forwarding of proper shipping tickets; supervises the checking and inspection of materials to insure that cargoes are complete and in accordance with specifications and schedules. May supervise traffic control and space allocation of shipments. May direct and coordinate the work of both military and civilian personnel.

Must have thorough knowledge of shipping operations including preparation of related documents; if, on duty at a port, should have knowledge of general port and terminal operations.

Civilian supervisory experience in shipping activities with large commercial or industrial enterprises or with steamship companies in port, terminal, or dock operations desirable.

## SOURCE JOBS

Foreman, shipping department	Traffic Manager
Shipping Clerk	Warehouse Manager

### SIGNAL EQUIPMENT MAINTENANCE AND REPAIR OFFICER (4415)

Directs or supervises the receipt, storage, testing, maintenance, repair, overhaul, and reissue of damaged or defective Signal Corps equipment at a depot or repair shop. Supervises routine and emergency inspection and maintenance to insure proper operation; directs identification and return of items for repair; requisitions and may procure replacement parts and supplies; directs testing, repair, and overhaul of equipment, recovery of usable components of irreparable equipment, and packing and shipping of repaired equipment; prepares reports on status of major items and causes of failure in operations. May recommend procedures for conservation and

handling of equipment at maximum effectiveness. May train personnel in repair techniques.

Should be familiar with operation of machine tools used in communications equipment repair and jobbing shops.

Military experience including training and experience in field operation of communication equipment essential. Must have thorough knowledge of communication equipment and supplies.

Civilian supervisory experience in maintenance and servicing of radio, telephone, telegraph, teletypewriter, photographic, or other complex, closely adjusted equipment essential.

College or advanced training in mechanical, electrical, or communications engineering desirable.

## SOURCE JOBS

Repair Shop Foreman,	Radio Technician
communications equipment	Camera Repairman

### SUPPLY STATUS OFFICER (4416)

Directs or supervises maintenance of records and digests covering status of military supplies and equipment. Receives reports and inventory records from field organizations and installations concerning status of supplies and equipment on hand, including overages and shortages; consolidates information and initiates action to adjust unit stock levels; formulates plans to insure maintenance of adequate quantities of all types of equipment; controls flow of commodities to installations to maintain balanced distribution and eliminate bottlenecks; initiates action to correct shortages, equip newly activated units, and attend to special requests for issue of materials in excess of allowances; prepares reports showing damages, and incomplete or obsolete property, and keeps commanding officer advised on status of supplies.

Must have thorough knowledge of military supplies and equipment and Army supply procedures.

Military experience very desirable.

Civilian experience in handling stock records or in warehousing essential.

## SOURCE JOBS

Warehouse Manager	Distribution Officer
Purchasing Agent	

### RAILHEAD OFFICER (4417)

Commands a railhead unit and is responsible for

receipt, unloading, custody, and distribution of general supplies. Inspects contents of incoming cars or trucks to verify quantity and condition of supplies; directs unloading, segregation, and storage of supplies, taking precautions to protect perishable and inflammable commodities; distributes rations and supplies to authorized units; maintains liaison with civilian or military railroad and motor transport personnel to expedite movement of incoming and outgoing equipment; supervises preparation of daily reports of actual issues and stock on hand, and is responsible for administration, discipline, supply, transportation, and security of the unit.

Must have knowledge of recognized commercial methods of storage, care, and distribution of general merchandise and supplies. Should have good knowledge of shipping and transportation details and problems.

Military experience including completion of quartermaster supply course essential.

Civilian experience in purchase, storage, or distribution of various types of general merchandise desirable.

#### SOURCE JOBS

Warehouse Manager	Storekeeper
Platform Foreman freight terminal	Motor Freight Terminal Manager

#### QUARTERMASTER SUPPLY OFFICER (4419)

Directs or supervises receipt, storage, maintenance, and issue of quartermaster supplies and equipment. Exercises general and specialized supervision over procurement, storage, and distribution of food, clothing, and general supplies; supervises loading, unloading, and inspection of incoming and outgoing supplies; prepares lay-out and issues instructions for the proper storage and segregation of various types of perishable and inflammable supplies; supervises editing and filling of requisitions; supervises the packing, crating, and marking of supplies and arranges with transportation sections for shipment; directs the taking of inventories and initiates action necessary to establish and maintain adequate stock levels; directs the preparation of reports and is responsible and accountable for quartermaster funds. May command a quartermaster depot or a quartermaster section of a general depot.

Must have thorough knowledge of recognized commercial methods of storage, care, and distribution of general merchandise and supplies. Should

have good knowledge of shipping and transportation details and problems. Must have ability to organize and manage supply unit. Should be familiar with perpetual inventory and control methods.

Military experience including completion of a course in quartermaster supply essential.

Civilian supervisory experience in purchase, storage, and distribution of general merchandise and supplies very desirable.

#### SOURCE JOBS

Buyer, food	Warehouse Manager
Buyer, clothing	Distributor, food products

#### AUTOMOTIVE SUPPLY OFFICER (4440)

Directs or supervises receipt, inspection, storage, and distribution of automotive parts and equipment. Supervises inventory, issue, and shipment of motor vehicles, automotive parts, and equipment used by various arms and services; supervises the arrangement and storage of vehicles, replacement parts, oils, fuels, tools, tires, and other equipment, with due consideration to fire hazards and perishable products; initiates the filling of requisitions from available stocks and recommends suitable substitutions for items not in stock; supervises the packing and crating of supplies and the making of shipping arrangements; supervises the taking of inventories and the maintenance of appropriate stock records. May command an automotive supply depot and be responsible for administration, technical and tactical training, transportation, supply, and security.

Must be thoroughly familiar with technical aspects of automotive equipment and have good knowledge of related parts. Must have technical knowledge of interchangeability and substitution of automotive parts. Should have good knowledge of automotive storage and service maintenance operations.

Military experience including training in automotive supply work essential.

Considerable civilian experience of a responsible nature in the procurement, storage, and distribution of automotive vehicles and equipment essential.

#### SOURCE JOBS

Automobile Dealer	Automobile Service
Parts Manager, auto supply	Manager Auto Parts Distributor

#### LUBRICATION OFFICER (4441)

Performs technical and administrative duties con-

cerning lubrication problems at an automotive supply depot or base. Directs analysis, study, and investigation of lubrication needs of passenger cars, motor trucks, tractors, motorized artillery, and similar equipment; directs and supervises writing of specifications and preparation of charts of lubricants to be used for each moving part; makes individual studies of use of various types of lubricants and methods of application, and specifies such changes as appear to be necessary or beneficial; directs instruction of operators of various types of vehicles and machinery concerning lubrication methods and problems; directs inspection of vehicles and equipment in order to enforce compliance with lubrication regulations.

Must have detailed knowledge of various types of motors and other moving parts of automobiles, trucks and tractors, and of lubrication methods applicable to such equipment.

Should have responsible civilian experience in testing work pertaining to lubrication of all types of automotive equipment with automobile manufacturers, motor transportation organizations, or other fleet operators of motor vehicles.

College training in mechanical engineering desirable.

#### SOURCE JOBS

Lubrication Engineer

Mechanical Engineer

#### AUTOMOTIVE ASSEMBLY OFFICER (4443)

Supervises assembly of military vehicles from unit packs. Establishes shop or assembly line to perform assembly operations; supervises servicing and inspection of assembled vehicles prior to release; provides for instruction and training of unit; directs company administrative organization and prepares reports; insures that proper camouflage and security measures are taken for adequate protection of the installation.

Must be thoroughly familiar with assembly-line technique as applied to both field and shop conditions. Should be especially familiar with assembly methods of motor vehicles from twin packs. Should be familiar with automotive parts and nomenclature, rigging, automotive servicing equipment, and shop administration.

Military training in automotive equipment maintenance company and completion of a course in camouflage very desirable.

Civilian experience in automotive assembly or maintenance operations desirable.

Should have 1 or 2 years of college in technical subject or equivalent mechanical training.

#### SOURCE JOBS

Master Mechanic  
Manager or Executive  
distributing agencies  
for automobile manu-  
facturers

Production Manager,  
Manufacturing  
Mechanical Engineer

#### SUPPLY DEPOT COMMANDER (4450)

Commands general or area general supply depot and is responsible for procurement, inspection, storage, maintenance, and distribution of general supplies and equipment. Plans, directs, and coordinates activities of depot supply operations; issues directives pertaining to procurement, utilization, and disposition of storage facilities; assigns storage space and controls labor and facilities common to the various operations at depot; directs operation and maintenance of utilities; is responsible for guard, fire, and police protection; recommends action regarding requisition and disposition of property and personnel; directs fiscal operations and is responsible for proper disbursement of public funds and compliance with regulations governing use and inventory of public property. May direct manufacturing of essential items.

Must have thorough knowledge of commercial methods of storage and distribution of general merchandise and supplies. Must have thorough knowledge of Army supply problems and procedures. Should be familiar with manufacturing practices.

Military experience in supply and procurement essential. Should be graduate of the depot and supply school of the arm or service to which assigned. Graduation from Army Industrial College desirable.

Civilian executive experience in purchase, storage, distribution, or manufacture of various commodities very desirable.

#### SOURCE JOBS

Buyer  
Purchasing Agent  
Production Manager

Warehouse Superintendent  
Wholesale Distributor

#### LABOR SERVICE OFFICER (4451)

Directs or supervises the operation of a labor service unit. Controls a labor pool and is respon-

sible for assigning labor to assist various operating units in performing such operations as loading and unloading of supplies, collection of salvage, repair of roads and highways, burial of the dead, and other unskilled or semiskilled tasks as the need may arise in fulfillment of a military objective; periodically inspects equipment to determine adequacy and condition; directs the maintenance of organization records and preparation of reports. May command a field labor service unit and be responsible for its administration, tactical and technical training, transportation, supply, and security.

Military experience essential. Should have advanced training commensurate with grade.

Civilian supervisory experience in handling labor forces very desirable.

#### SOURCE JOBS

Construction Foreman	Warehouse Superintendent
Freight Terminal Foreman	Yard Foreman Labor Foreman

#### ORDNANCE MATERIEL PROCESSING OFFICER (4465)

Supervises the receipt, completion, modification, preparation, and packing of ordnance matériel for domestic and export shipment. Checks matériel to insure that it conforms to model and type; services equipment for combat use; insures completion of armament spare parts, tools, and accessories; supervises the packing of equipment to provide adequate protection against deterioration, and for type of shipment involved.

Must have thorough knowledge of track laying and wheeled vehicles. Should have knowledge of method and standards of packing and crating for oversea shipment.

Military experience in ordnance maintenance essential.

Considerable responsible civilian experience in maintenance, repair and installation of heavy manufacturing equipment, very desirable.

Should have some college training in technical subject.

#### SOURCE JOBS

Maintenance Superin- tendent, industrial plant	Mechanical Engineer Automotive Engineer
Millwright	

#### INSPECTION AND SURVEILLANCE OFFICER (4466)

Supervises or conducts inspection of ordnance matériel overhauled, modified, and repaired by or-

ganization facilities. Inspects matériel to ascertain whether work accomplished is in accordance with repair or modification specifications and that condition of item meets with combat requirements; coordinates activities of subordinate personnel. May inspect adequacy of renovation and storage of ammunition.

Must be thoroughly familiar with ordnance matériel and have knowledge of manufacture and design of heavy equipment. If working with ammunition, should have adequate background in production and storage methods.

Military experience desirable.

Civilian experience in manufacture, maintenance, or repair of heavy mechanical or automotive equipment essential.

College degree in engineering essential.

#### SOURCE JOBS

Mechanical Engineer	Maintenance Superintend- ent, large industrial plant
Diesel Engineer	
Automotive Engineer	

#### ENGINEER SUPPLY OFFICER (4470)

Directs or supervises receipt, storage, maintenance, and issuance of engineer supplies and equipment at a depot, port, or other military installation. Supervises the loading, unloading, and storage of material; inspects engineer equipment to insure compliance with specifications; edits requisitions and supervises the issuance of supplies and equipment; supervises the assembly, packing, and marking of items and issues instructions for shipment; supervises the taking of inventories and the preparation of over, short, and damage reports and keeps commanding officer advised on status of supplies. May store and issue such supplies and equipment as metal and wood hulls, ship stores, marine engine assemblies, and replacement parts. May conduct emergency procurement of replacement items not available from depot stock. May supervise engineer supply depot or engineer section of a general depot.

Must be familiar with operations of large storage industries covering reconsignments and processing of in-transit materials. Should be familiar with engineering supplies and equipment including such equipment as wood and metal hulls, marine engine parts, and ship stores.

Military experience including completion of a course at engineer supply school very desirable.

Civilian supervisory experience in procurement and distribution of various types of heavy construction equipment very desirable.

## SOURCE JOBS

Sales Engineer, construction equipment	Construction Superintendent
	General Contractor

## RAILWAY SUPPLY OFFICER (4475)

Directs or supervises the requisition, storage, and issue of railway supplies. Directs the receipt and storage of incoming railway supplies and arranges for issuance to operating units; processes incoming requisitions to establish proper stock control measures, and use as a basis for initiating action to maintain adequate supply of raw materials, manufactured assemblies and subassemblies, finished and semifinished materials, and tools and equipment necessary for the operation of the unit; directs the maintenance of perpetual inventory system. May direct the operations of a railway supply depot. May store and issue supplies and assist in the administration of operating and shop units.

Must be thoroughly familiar with railway mechanical stores and supply practices. Should be familiar with methods and principles involved in railway shop and operating procedures.

Civilian experience as railroad storekeeper essential. Railway shop or operating experience desirable.

## SOURCE JOBS

Purchasing Agent	Stores Department
Division Storekeeper	Foreman
District Storekeeper	Stores Department
Storekeeper	Chief Clerk

## RAILWAY FUEL AGENT (4476)

Directs receipt, storage and distribution of various types of fuel for operation of a railway system. Formulates plans and procedures necessary to establish fuel requirements of the railway divisions; is responsible for the maintenance of adequate fuel reserves strategically located along railway routes; is responsible for periodic inspection of fuel storage and supply facilities.

Must be thoroughly conversant with railway fuel supply and distribution methods and acquainted with use and quality of various types of fuel.

Civilian experience in procurement, storage, and distribution of various fuels essential.

## SOURCE JOBS

Fuel Inspector	Fuel Purchasing Agent
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## MEDICAL SUPPLY OFFICER (4490)

Procures, stores, issues, and accounts for medical supplies and equipment. Audits and controls disbursement accounts for local purchases or services for Medical Department activities; supervises the maintenance and repair of Medical Department furniture and equipment; makes inventories and personally issues restricted medical supplies; directs the warehouse storage of medical supplies; supervises the maintenance of adequate inventory records and the preparation of reports and records; as a member of the staff, advises the commanding officer on medical supply matters. May supervise the installation of hospitals and supplies on board ship or at fixed bases.

Must have thorough knowledge of medical supply items and be familiar with the procurement, storage, and accounting of same. Must be thoroughly familiar with supply sources, warehouse accounting methods, and Army Medical Supply Catalog. Should be familiar with hospital administration.

Should have military experience including training in the handling of medical supplies. Completion of courses in Army Medical Field Service School very desirable.

Several years civilian supervisory experience in the warehousing or distributing of medical supplies desirable.

College training including courses in chemistry and business administration very desirable.

## SOURCE JOBS

Purchasing Agent, medical supplies and equipment	Sales Manager, medical and surgical supply company
Medical Supply Warehouse Manager	Hospital Superintendent
Manager, pharmaceutical manufacture	Hospital Business Manager
	Hospital Property Custodian
	Pharmacist

## CHEMICAL SUPPLY OFFICER (4500)

Directs or supervises receipt, storage, surveillance, issue, and shipment of chemical warfare supplies for a depot, port, post, installation, or field unit. Supervises loading and unloading of supplies, directs the segregation and storage of incendiaries, bulk chemical agents, and chemical munitions, to provide adequate protection against fire hazards, deterioration, and sabotage; supervises the filling of

requisitions, packing, crating, and proper marking of shipments and preparation of reports and records; conducts periodic inspection of chemicals and containers to insure that reasonable safety precautions have been observed and that material is in satisfactory condition; supervises the maintenance of fiscal accounts and perpetual inventory of supplies on hand and keeps higher headquarters advised on status of stock. May supervise operations of a chemical warfare supply depot or a chemical section of a general depot. May command a chemical air operations unit.

Must be thoroughly familiar with chemical agents and chemical munitions and be able to provide the greatest security for materials.

Military experience essential. Should have completed a course at Chemical Warfare School or have experience as a chemical officer.

Civilian supervisory experience in storage and distribution of chemical supplies very desirable.

#### SOURCE JOBS

Foreman, chemical plant	Warehouse Manager, chemical
Purchasing Agent, chemical	Shipping Foreman, chemical

#### MUNITIONS OFFICER (4510)

Supervises the requisition, receipt, and distribution of ammunition within organizational unit. Directs preparation of required forms and the maintenance of records incident to the requisition and distribution of ammunition; obtains necessary munitions from supply depots or dumps and distributes to troops for use in training or combat; supervises the establishment and operation of local munitions dumps and maintains adequate ammunition credits and stock levels; informs commanding officer regarding supply status. May direct the salvage of ammunition left at battery positions. May supervise the storage of ammunition and instruct in its care and handling.

Military experience in ammunition or ordnance supply essential.

Civilian experience in accounting and auditing or in receiving and shipping desirable.

#### SUBMARINE MINE PROPERTY OFFICER (4511)

Supervises assembling and loading of submarine mines and is responsible for the procurement, stor-

age, preservation, issue, and accounting of mine property. Supervises subordinates in testing and inspecting firing devices, submarine cables, detonating caps, mine cases and other components of submarine mines prior to assembly; directs loading of mine case and assembly of firing mechanism and watertight connectors; establishes emergency measures for loading and assembling mines when regular equipment is not available; inspects loaded mines to insure conformance with specifications; issues mines and mine equipment, tools, and supplies for mine installations; periodically inspects supplies, tools, and equipment to determine adequacy and serviceability; is responsible for compliance with instructions for modification and changes in equipment; maintains file of detail and assembly drawings of available mine equipment; supervises the training of subordinate personnel.

Must be thoroughly familiar with the construction, maintenance, assembly, and loading of submarine mines. Must have knowledge of standard safety precautions to be observed when handling explosives. Should have thorough knowledge of Army supply and administrative procedures.

Military experience including completion of a course in submarine mines at Coast Artillery Mine School essential.

Several years responsible civilian experience in warehousing, assembly, and shipment of explosives and related items very desirable.

#### ORDNANCE OFFICER, STAFF (4512)

Prepares policies and directs arrangements for receipt, storage, maintenance, and issue of ordnance equipment, supplies, and ammunition. Advises unit commander and staff on all ordnance technical problems in connection with any proposed strategic or tactical line of action, and makes recommendations as to the necessary decisions concerning such problems; issues orders and supervises their execution; plans for and directs the supply of ordnance equipment and matériel, including the supply of ammunition to troops as far forward as refilling points; anticipates requirements of the unit and maintains accurate records of the status of ammunition and ordnance supplies; supervises the operation of ordnance storage, maintenance, and repair facilities, including salvage; conducts periodic technical inspections of ordnance matériel; collects information concerning ordnance matériel used by our troops and that used by the enemy; directs the training of ordnance personnel and the maintenance of pertinent

records. May be responsible for the dissemination of ordnance technical publications. May command attached ordnance troops.

Must have thorough knowledge of ordnance maintenance and ammunition supply and possess considerable executive and administrative ability to direct and coordinate the work of a large organization.

Military experience essential. Should have training as commander of an ordnance maintenance organization, including some staff duty.

Should be graduate of college or university with major courses in mechanical engineering or have equivalent training.

#### CHEMICAL INSPECTION OFFICER (4513)

Supervises and conducts the inspection of chemicals and chemical supplies upon receipt, storage, or shipment. Examines containers and packages to ascertain that reasonable safety precautions have been observed and that material is in satisfactory condition for further transit; inspects warehousing and storage-transit operations to insure that chemical materials are properly stored and that adequate protection has been provided against personnel injury or fire hazards. May instruct personnel in proper handling of chemical warfare material. May check individual equipment of troops at ports or embarkation to insure adequacy against chemical warfare attacks.

Must be thoroughly familiar with safety measures associated with the packing, crating, shipping, and handling of chemicals used in chemical warfare.

Should have civilian experience in a responsible technical or production capacity in a plant specializing in manufacture of chemicals and chemical supplies.

#### SOURCE JOBS

Commercial or Industrial Chemist	Chemical Engineer Inspector, chemicals
Shipping Foreman, chemicals	

#### AMMUNITION SUPPLY OFFICER (4514)

Directs or supervises the activities of personnel engaged in the receipt, storage, classification, and distribution of ammunition. Directs the tactical and technical training of unit; conducts surveys of allotted area, prepares reports, and submits recom-

mendations concerning the establishment of ammunition supply points; establishes requirements for initial stockage; coordinates labor and transportation required in the operation of an ammunition depot or magazine; supervises receipt and classification of ammunition; plans and arranges storage facilities to provide adequate protection against deterioration, fire hazards, and sabotage; maintains records and prepares schedules for issue of ammunition. May maintain liaison with higher echelons for instructions regarding disposition of enemy ammunition. May supervise preparation of lists of ammunition for use in firing captured weapons. May instruct classes in problems and procedures of ammunition supply, including classification and storage of ammunition and explosives. May supervise operation of ammunition depots or the ammunition supply section of a general depot.

Must have thorough knowledge of ammunition and ammunition supply problems, including safety methods in storage.

Military experience in ammunition supply essential. Junior grade officers must have completed a course in ammunition supply. Senior grade officers must have experience as commanding officer of an ammunition supply company.

Considerable civilian supervisory experience in the storage and distribution of chemicals, explosives, and inflammable materials desirable.

Technical school training desirable.

#### SOURCE JOBS

Chemical Engineer Munitions Handler Foreman	Mechanical Engineer Plant Safety Inspector
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#### ORDNANCE SUPPLY OFFICER (4530)

Supervises the receipt, storage, care, and issue of ordnance general supplies and equipment at a depot, port, or other military installation. Directs the training and administration of personnel; supervises the loading, unloading, and storing of supplies and equipment; supervises editing and filling of requisitions and maintenance of supply records; supervises marking of shipments and transmittal of information with regard to shipment to consignees; supervises the taking of inventories and preparation of reports. If operating at a port, checks and inspects ordnance matériel to insure completeness and conformance with specifications as to model and type; initiates action necessary to fill shortages of equipment for troops in transit, for oversea supply, and

for port troops. May command an ordnance depot or ordnance section of a general depot, or supply section of an ordnance unit, or serve as unit supply officer.

Military experience in ammunition or ordnance supply essential. Should have completed a course in the Army Ordnance School.

Civilian experience in a supervisory capacity in the warehousing and distribution of mechanical equipment and supplies very desirable.

#### SOURCE JOBS

Distributor, automotive and heavy industrial equipment	Maintenance Superintendent, heavy industrial equipment
	Warehouse Manager Shipping Agent

#### AVIATION ORDNANCE OFFICER (4532)

Supervises ordnance facilities at airfields and bases, including maintenance of organically assigned vehicles, maintenance of small arms and cannons, and supply of ammunition. Directs the administration and training of personnel; supervises storage and delivery of bombs, pyrotechnics, and ammunition ready for use, to air force units; supervises the assembly, disassembly, repair, and installation of aircraft armament; directs preparation of organization reports and records; provides technical advice to air force unit commander.

Must have thorough knowledge of bombs, fuzes, pyrotechnics, and small-arms ammunition. Should be familiar with the employment of such equipment as lathes, drill presses, and various hand, bench, and woodworking tools.

Military experience including completion of a course in aviation ordnance essential. Training in ammunition and supply desirable.

Civilian experience in manufacture or renovation of ammunition desirable.

#### SOURCE JOBS

Machinist, Arsenal Aircraft Armament Mechanic	Manufacturer or Inspector, Explosives and Ammunition
Ammunition Loading Foreman	Warehouse Supervisor

#### AUTOMOTIVE OFFICER, STAFF (4541)

Prepares, supervises, and coordinates plans and policies for motor vehicle maintenance, operation,

and supply throughout the command. Directs distribution of motor vehicles and supervises procurement of parts, accessories, and tools; supervises maintenance and operation of motor vehicle equipment by organizations and installations of command; makes inspections to determine repair or replacement requirements and adequacy of repairs accomplished; renders technical advice on all automotive matters to staff and units of command and makes recommendations for improvement of motor maintenance and transport operations; directs maintenance of records pertaining to automotive procurement and repair.

Should be familiar with fuel and parts supply, and operation and maintenance of wheeled vehicles. Must be able to supervise salvaging and reconditioning of interchangeable parts, and reassembly of vehicles with replacement parts.

Military experience essential. Should have completed courses in automotive maintenance.

Civilian administrative experience in the automotive industry essential.

Should be college graduate with specialization in automotive or mechanical engineering.

#### SOURCE JOBS

Automotive Service Manager	Automotive Engineer
Truck Fleet Operator	Mechanical Engineer

#### SALVAGE OFFICER (4600)

Supervises the receipt, classification, reclamation, and disposal of surplus serviceable property, waste material, abandoned property, and unserviceable supplies. Examines materials and decides whether they are salable, repairable, or disposable as waste; supervises distribution of salable or reclaimable material to various repair centers or to arms or services where it can be used, or to manufacturers; advertises and solicits bids for sale of salable and serviceable material, waste material, and unserviceable material; arranges for disposal of nonsalable materials; prepares reports, maintains records, and is responsible and accountable for salvage activities.

Should be familiar with commercial methods of classification, sorting, and general reclamation of waste materials. Should have good knowledge of military supplies and equipment.

Military experience including training in quartermaster supply or AAF technical supply essential.

Civilian experience in buying, selling, and reclamation of salvage desirable.

## SOURCE JOBS

Yard Foreman, salvage      Buyer, salvage material  
company                      Salvage Operator

### SALVAGE COLLECTING OFFICER (4601)

Supervises the collection, sorting, basic classification, and evacuation of all classes of salvage at salvage collecting points, salvage dumps, railheads, and evacuation depots. Maintains liaison with commanding officer in area of operations to coordinate salvage collection activities and to establish advance salvage dumps; supervises collection of abandoned property and unserviceable supplies and equipment; supervises sorting, basic classification, packing, crating, and marking of recovered items, and arranges for evacuation to salvage repair units, salvage depots, and repair shops and depots of appropriate arms and services; supervises the maintenance and repair of unit equipment and maintains adequate supply of spare parts and materials; is responsible for tactical and technical training, administration, transportation, supply, and security of unit.

Should have a thorough knowledge of military supplies and equipment of various arms and services. Should be familiar with commercial methods of classification and sorting of waste materials and general reclamation methods.

Military experience including training in quartermaster salvage work essential.

Civilian experience in sorting and classification of salvage very desirable.

## SOURCE JOBS

Yard Foreman, salvage      Operator, salvage firm  
company

### SALVAGE DEPOT COMMANDER (4602)

Directs and supervises operations of a salvage depot. Exercises general and specialized supervision over the receipt, storage, reclamation, and disposal of all property not reclaimed by other services; directs through subordinate officers sorting, laundering, sterilization, and repair activities to insure prompt renovation and shipment of recovered articles; approves, verifies, and directs the disposal of nonrepairable and nonreclaimable property; supervises collection and dissemination of technical information concerning conservation of salvaged materials and equipment; directs the maintenance and operation of depot utilities; directs preparation and

maintenance of reports and records and is responsible for administration, tactical and technical training, supply, and security of organization.

Must have thorough knowledge of commercial methods of classification and sorting of waste materials and general reclamation methods. Must be able to organize and direct operation of a group of men engaged in reclamation activities. Must be well versed in general repair salvage activities.

Military experience, including quartermaster supply or salvage work, essential.

Should have executive or managerial experience with manufacturing or reclamation industry.

## SOURCE JOBS

Manager or Operator,      Executive shoe and  
salvage company              textile industry

### SALVAGE REPAIR OFFICER (4606)

Directs and supervises the reclamation for reissue of shoes, clothing, webbing, canvas, textiles, rubber, and such other equipment as the facilities of a salvage repair unit permit. Directs the receipt, sorting, and classification of incoming salvage and determines whether it is repairable or disposable as waste; regulates the flow of repairable salvage to the various repair sections; supervises the shipment of reclaimed articles and the disposal of waste and nonrepairable property; supervises the maintenance of repair machinery and tools, and maintains adequate supply of spare parts and materials. May command a salvage repair unit in the field and be responsible for its administration, tactical and technical training, transportation, supply, and security.

Must have thorough knowledge of commercial methods of classification and sorting of waste materials, and general reclamation methods.

Military experience including quartermaster supply or salvage work essential.

Civilian supervisory experience in classification and reclamation of salvage materials very desirable.

## SOURCE JOBS

Supervisor, commercial      Foreman or Manager,  
salvage firm                    reclamation company  
                                    Salvage Operator

### REPAIR OFFICER, CLOTHING AND TEXTILES (4610)

Supervises the operation of a shop in which clothing and other textile products are repaired. Super-

vises repair by machinery of clothing, fabric headwear, bedding, blankets, and other textile supplies; supervises sizing and packing of repaired articles; maintains supply of spare parts for machines and other operating supplies; supervises maintenance of machinery; supervises instruction of personnel; coordinates the work of shop with other divisions of depot. May command a clothing and textile repair unit in the field and be responsible for its administration, supply, transportation, training, and security.

Must have knowledge of all kinds of clothing reclamation and be familiar with employment of power sewing machines, cutting tools, and related equipment.

Military experience including training in quartermaster salvage activities essential.

Several years civilian supervisory experience in manufacture or repair of textiles and clothing essential.

## SOURCE JOBS

**REPAIR OFFICER, LEATHER AND  
RUBBER (4611)**

Supervises the operation of a shop in which leather and rubber articles are repaired. Supervises repair by machinery and hand tools of shoes, harnesses, saddlery, and other articles fabricated from leather and rubber; maintains adequate supply of materials; supervises instruction of personnel; coordinates the work of shop with other shops. May command a leather and rubber repair unit in the field and be responsible for its administration, training, supply, transportation, and security.

Should understand all types of rubber repair, shoe repair, and harness and saddlery repair. Must be familiar with the employment of power sewing machines and related equipment.

Military experience including training in quartermaster salvage activities essential.

Civilian experience in the operation and management of shops in which leather and rubber goods were processed or repaired very desirable.

## SOURCE JOBS

Shoe Maker or Repairman	Harness Maker or Repairman
Manager or Foreman, shoe or leather goods manufacture	

**REPAIR OFFICER, CANVAS AND  
WEBBING (4612)**

Supervises the operation of a shop in which canvas and web materials are repaired. Supervises repair of tarpaulins, web equipment, upholstery, and other articles through use of hand tools and machinery; inspects completed work to see that standards are maintained; supervises resizing and classification of finished product and maintains a perpetual inventory; supervises maintenance of equipment and repair machinery and requisitions supplies and spare parts to adequately maintain the unit. May command a canvas and webbing repair unit in the field and be responsible for its administration, training, supply, transportation, and security.

Must be thoroughly familiar with the employment of power sewing machines and related equipment. Must have thorough knowledge of the repair of canvas and web equipment.

Several years civilian experience in the manufacture and repair of tents, awnings, or heavy textiles essential.

## SOURCE JOBS

**Awning Assembler  
Awning Maker  
Foreman, canvas good  
manufacturing  
Sewing Machine  
Operator**

**Awning Cutter  
Cutter  
Canvas Cover Repairman  
Upholsterer**

**REPAIR OFFICER, MACHINERY AND  
METALS (4613)**

Supervises the repair of machinery and metal articles at a repair shop or salvage depot. Directs the repair and reclamation of machinery and metal articles issued by the Quartermaster Corps, such as mess equipment, helmets, cots, and tools, and repair and manufacture of wooden articles, such as tables, benches, shelving, and shipping boxes; coordinates the work of the repair shop, division, or unit with other units; supervises maintenance of repair machinery, tools, and supplies, and the training of personnel. May command a machinery and metals repair unit in the field and be responsible for its administration, training, supply, transportation, and security.

Must understand the operation and maintenance of machine shop equipment; must be able to coordinate and direct the work of machinists, woodworkers, foundrymen, and steel metal workers.

Military experience including training in quarter-master salvage activities essential.

Civilian managerial experience in a machine shop or cabinet shop, or millwright experience in an industrial plant very desirable.

#### SOURCE JOBS

Machinist	Master Mechanic
Machine Shop Foreman	Cabinetmaker
Factory Millwright	

#### ORDNANCE EVACUATION OFFICER (4620)

Supervises evacuation of damaged track-laying and wheeled vehicles from battlefield to proper repair echelon. Recovers ordnance matériel that can be evacuated, including all possible enemy weapons and vehicles for reuse or intelligence purposes; inspects matériel to determine whether salvageable and to which repair echelon it is to be sent.

Must be thoroughly familiar with wrecker and recovery equipment. Should have comprehensive knowledge of ordnance matériel, especially automotive equipment, to insure swift and accurate analysis in field.

Military training in combat tactics essential. Should include course in disposal of booby traps.

Civilian experience in assembly and disassembly and moving of heavy industrial or construction equipment very desirable.

Technical school training very desirable.

#### SOURCE JOBS

Master Mechanic	Hauling Contractor, heavy equipment
Millwright	
Manager, truck fleet operations	Mechanical Engineer

#### MATÉRIEL DISTRIBUTION PLANNING OFFICER (4701)

Analyzes distribution systems and formulates plans for storage and distribution of matériel. Reviews and analyzes over-all distribution systems to determine adequacy of warehousing and distribution facilities; prepares statistical data and charts and, in light of production schedules, recommends changes in or additions to established policies and procedures; coordinates plans and schedules for receiving, warehousing and distributing supplies and matériel; determines and recommends procedures

and methods for maintenance of stock records, handling of matériel, and control of inventories.

Must have thorough knowledge of commercial methods of warehousing and distribution of supplies as practiced by large manufacturers and wholesale distributors.

Military experience including training in Army supply activities desirable.

Civilian executive experience in storage and distribution of large quantities of various types of merchandise essential.

Should be college graduate with specialized training in business administration or economics, or have equivalent in training and experience.

#### SOURCE JOBS

Methods and Distribution Specialist	Warehouse Superin- tendent
Marketing Specialist	

#### LABOR AND WAREHOUSE EQUIPMENT OFFICER (4709)

Supervises the procurement and utilization of labor forces and material handling equipment for loading, unloading, and storing supplies and materials. Requisitions mechanical equipment required to adequately perform operations; supervises and instructs personnel in use of material handling equipment; supervises loading, unloading, and storing of supplies; maintains personnel records and records of equipment assignments, and shipping and storage releases; prepares daily reports of labor requirements, available labor, equipment used, and materials handled. May assist in lay-out and allocation of storage space. May assist in taking physical inventories.

Must have a thorough knowledge of various types of mechanical material handling equipment and be qualified to supervise use in various operations. Should be familiar with methods and principles involved in warehousing supplies.

Military experience including training in warehouse operations desirable.

Civilian experience in warehousing operations requiring the use of material handling equipment essential.

#### SOURCE JOBS

Warehouse Manager	Platform Foreman, freight terminal
Storekeeper	
Receiving Foreman	Shipping Foreman

## WAREHOUSE OFFICER (4710)

Supervises the receipt, inspection, storage, and issue of supplies and equipment at a military installation. Prepares floor plan, dimensions, storage capacity, and locator system of storage facilities; controls the assignment of space and directs the storage of supplies; supervises selection, packing, crating, and marking of supplies and expedites incoming and outgoing shipments; directs the taking of inventories and determines quantities to be requisitioned to maintain stock levels; inspects storehouses and surrounding areas to insure proper storage and maintenance of materials; develops methods of fire prevention and property safeguarding so as to prevent loss of property; maintains files and records incident to operation of warehouse. May develop plans for rapid movement of supplies and facilities to new location in theater of operations. May supervise storage and issue of subsistence items.

Must be familiar with warehousing methods including the employment of warehouse mechanical equipment. Should have good knowledge of nomenclature of military supplies.

Military experience desirable. Should have completed supply courses appropriate to branch of service. When working with subsistence stores, should have completed a course at Army Bakers and Cooks School.

Civilian experience in a supervisory capacity in warehousing operations essential.

### SOURCE JOBS

Warehouse Manager	Storekeeper
Shipping Foreman	Receiving Foreman

## COLD STORAGE WAREHOUSE OFFICER (4712)

Supervises the receipt and storage of refrigerated foods and other perishable products. Supervises the unloading, loading, and storage of meats, meat foods, dairy, and other perishable products in refrigerated cars or trailers; checks incoming supplies to determine correctness of net weight, count, or measure; periodically inspects chilling and freezing compartments to insure maintenance of proper temperatures; coordinates activity of unit with that of the butchery and refrigeration units and attached veterinary personnel; supervises preparation and maintenance of unit reports and records. May command a cold storage unit in the field and be respons-

sible for its administration, training, transportation, supply and security.

Must have thorough knowledge of temperature control and of proper storage conditions for various types of perishable commodities. Should be familiar with use of various types of refrigerants. Must be able to supervise the work of truckers, scalers, freezer men, and platform men.

Military experience including training in quartermaster supply activities very desirable.

Civilian supervisory experience in storage and distribution of perishable commodities essential.

### SOURCE JOBS

Packing House Foreman	Cold Storage Warehouseman
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## BUTCHERY OFFICER (4713)

Supervises operations of a butchery unit. Supervises the installation and arrangement of cutting and boning room equipment to provide efficient and progressive movement of meat; supervises the cutting, boning, and dressing of carcasses and wholesale market cuts of meat, fish, and poultry; instructs and supervises personnel in use, maintenance, and repair of butchery equipment; coordinates activities of unit with that of the cold storage and refrigeration units; supervises the preparation and maintenance of unit reports and records. May supervise operations of defrosting room. May supervise slaughtering and dressing operations when necessary to procure live animals. May command a butchery unit in the field and be responsible for its administration, training, transportation, supply, and security.

Must be thoroughly familiar with various types of wholesale and retail cuts of meat. Must be able to instruct and supervise personnel in use and operation of butchery equipment. Should have general knowledge of the functions of cold storage and refrigeration units.

Military experience including training at Army Bakers and Cooks School essential.

Civilian experience in cutting and boning of meat very desirable.

### SOURCE JOBS

Foreman, slaughter house	Meat Cutter
Butcher	Foreman, Packing House Head Boner

## REFRIGERATION OFFICER (4714)

Supervises operations of a refrigeration unit. Supervises manufacture of ice and refrigeration brine; instructs and supervises personnel in operation, maintenance, and minor repair of refrigeration, air conditioning, and ice-making machinery and equipment; periodically inspects refrigerated areas to insure maintenance of proper temperatures; coordinates activity of unit with that of storage and headquarters unit; maintains adequate supply of replacement parts and materials and prepares reports and records. May command a refrigeration unit in the field and be responsible for its administration, training, transportation, supply and security.

Must have thorough knowledge of refrigerants and be able to install, operate, and repair refrigeration and air conditioning machinery and equipment. Must be able to supervise the work of refrigeration engineers, refrigeration mechanics, welders, firemen, oilers, and temperature men.

Military experience including training in quartermaster supply activities very desirable.

Civilian experience in manufacture, installation, and repair of commercial refrigeration and air conditioning equipment essential.

Technical school training in refrigeration and air conditioning, or equivalent in practical experience, essential.

### SOURCE JOBS

Refrigeration Engineer  
Mechanical Engineer

Air Conditioning  
Engineer

## ORDNANCE MAINTENANCE OFFICER, STAFF (4800)

Prepares plans and policies for maintenance support as required by tactical or training needs of unit. Directs and coordinates the activities of assigned maintenance troops and maintains liaison with supporting units in regard to maintenance policies and problems; supervises and conducts inspections of matériel in subordinate units; collects and evaluates information and prepares statistical reports on the status of maintenance, making recommendations for corrective action; prepares requests on higher headquarters or prepares orders to unit maintenance troops to implement maintenance plans; provides for instruction of units on ordnance operations, modifications and maintenance standards; collects and files maintenance information, publications, reports, and directives.

Must have a thorough knowledge of ordnance field maintenance operations and training. Should be familiar with ordnance supply.

Military experience in an Ordnance maintenance company or battalion essential.

Broad civilian supervisory experience in maintenance and repair of mechanical or automotive equipment essential.

Should be a college graduate with specialization in mechanical engineering or have equivalent practical experience.

### SOURCE JOBS

Mechanical Engineer  
Automotive Engineer  
Master Mechanic

Service Manager,  
Automotive Equipment

## ORDNANCE SHOP OFFICER (4801)

Directs or supervises activities of various sections of an ordnance repair shop engaged in the maintenance, repair, and inspection of ordnance matériel. Supervises receipt and inspection of all incoming material; supervises assignment of matériel to proper sections for accomplishment of repair work; directs preparation and distribution of work orders and parts for various repair jobs; conducts periodic inspections to insure that operations of various sections are handled in an efficient and expeditious manner; establishes priority control system; prepares plans for current and future requirements of shops; directs maintenance of adequate stock materials, and keeping of reports and records. May command a field ordnance repair unit composed of artillery, armory, instruments, and automotive sections, and be responsible for administration, tactical and technical training, transportation, supply, and security.

Must have thorough knowledge of automotive and mechanical repair work including carpentry, painting, welding, and machine-shop operations. Must have ability to organize and direct work of personnel engaged in these activities.

Military experience essential. Should include completion of courses in automotive, artillery, and small arms maintenance at Ordnance Service School.

Extensive civilian supervisory experience in mechanical and maintenance work in a general repair shop essential.

## SOURCE JOBS

Machinist or Master Mechanic	Gunsmith
Service Manager, Automotive Equipment	Machine Shop Foreman Locksmith Millwright

## TANK MAINTENANCE AND REPAIR OFFICER (4803)

Directs or supervises the maintenance, repair, and inspection of tanks and track-laying vehicles. Directs the operation of repair shop and supervises repair of combat vehicles in field; supervises inspection of ordnance matériel to determine serviceability, completeness, and readiness for use; analyzes technical and operating difficulties of tanks and combat vehicles and provides corrective measures; maintains records and prepares reports. May command a field track-laying repair unit and be responsible for administration, tactical and technical training, supply, transportation and security.

Must have thorough knowledge of maintenance and repair of heavy mechanical track-laying equipment. Should be familiar with power trains, armament, and suspension and electrical systems.

Military experience or training with ordnance maintenance unit, including completion of a course in repair of track-laying vehicles, very desirable.

Experience in the manufacture, maintenance, or repair of heavy mechanical track-laying equipment or automotive equipment essential.

Should have college training in mechanical engineering or have equivalent in training and experience.

## SOURCE JOBS

Maintenance Superintendent, industrial plant	Millwright
Master Mechanic	Mechanical Engineer Automotive Engineer

## AUTOMOTIVE MAINTENANCE AND REPAIR OFFICER (4805)

Directs or supervises maintenance, repair and inspection of all types of automotive equipment, including general purpose vehicles, combat vehicles, motorcycles, and tanks. Supervises the operation of automotive repair shop; examines incoming equipment to determine amount and exact nature of repair; arranges for and assigns work detail; supervises the inspection of equipment to insure completeness of essential repair work, serviceability, and readiness for use; directs the maintenance of ade-

quate stocks of materials and replacement parts and the keeping of records. May instruct, train, and conduct schools in repair and preventive maintenance for the using arm or service. May conduct classes at school or training centers. May command a field automotive repair unit and be responsible for administration, tactical and technical training, transportation, supply and security.

Must have thorough knowledge of the maintenance and repair of automotive equipment such as general purpose vehicles, combat vehicles, and tanks. Must be familiar with the employment of such equipment as lathes, drill presses, grinders, gauges, and various hand or bench tools and be thoroughly familiar with ordnance matériel.

Military experience essential. Should include training and experience in automotive maintenance and machine shop operation.

Civilian experience in the manufacture, maintenance, or repair of heavy mechanical or automotive equipment essential.

College training in mechanical engineering desirable.

## SOURCE JOBS

Mechanical Engineer	Automotive Maintenance
Service Manager, Automotive Equipment	Superintendent Automotive Engineer

## FIRE-CONTROL INSTRUMENT REPAIR OFFICER (4806)

Supervises the maintenance, repair, and inspection of fire-control instruments. Examines equipment to determine amount and exact nature of repair; supervises personnel engaged in the disassembly, cleaning, adjustment, and repair of equipment; supervises the fabrication of replacement parts on precision machines; estimates requirements of repair facilities and directs the maintenance of adequate spare parts and supplies; maintains work order records and establishes priority system of work assignments; instructs and trains personnel in operations. May conduct classes in theory, adjustment, disassembly, assembly, and repair of fire-control instruments, at schools or training centers.

Must be thoroughly familiar with theory, operation, disassembly, set-up, and adjustment of fire-control instruments. Should have basic knowledge of theory of optics, machine design, and electrical control devices.

Military experience in ordnance maintenance desirable. Should have completed special course in

fire-control instrument repair at ordnance school. Several years civilian experience in manufacture or repair of precision instruments very desirable. Technical school training very desirable.

#### SOURCE JOBS

Instructor, Technical	Electrical Engineer
Mechanical Engineer	Radio Engineer
Instrument Maker	Tool and Die Maker
Machinist	

#### ARMORY MAINTENANCE AND REPAIR OFFICER (4807)

Supervises the maintenance, repair, and inspection of all small arms matériel. Examines incoming matériel for the amount and exact nature of repair; prepares work order and assigns work detail; supervises personnel engaged in the adjustment, replacing of damaged parts, and general repair of matériel; inspects all work accomplished to determine condition, completeness, and suitability for release; estimates and prepares plans for current and future requirements of spare parts and unit supplies; directs the preparation of reports and the maintenance of shop records. May instruct and train personnel of the using arm in the proper methods of maintenance and repair of small arms matériel. May conduct classes at schools or training centers in the repair and maintenance of small arms.

Must be familiar with the employment of such equipment as lathes, boring machines, drill presses, and various hand, bench, and woodworking tools. Should have a basic knowledge of the design and manufacture of small arms matériel.

Military experience essential. Should have completed small arms course at ordnance school.

Several years civilian experience in a supervisory capacity in automotive or machine shop operations desirable.

#### SOURCE JOBS

Machine Shop Foreman	Millwright
Maintenance Mechanic	Gunsmith
Locksmith	Instrument Maker

#### ARTILLERY MAINTENANCE AND REPAIR OFFICER (4808)

Supervises the inspection, repair and maintenance of field, coast, and antiaircraft artillery. Makes periodic inspections of organizational matériel and recommends proper disposition or repair of unservable items; supervises the preparation of inspection reports and repair work orders; supervises the adjustment, replacement of worn out parts, and the general repair of matériel; inspects all accomplished work to determine serviceability and readiness for field use; directs the maintenance of adequate stock materials and spare parts and the keeping of reports and records. May supervise maintenance and repair of mortars. May conduct classes at schools or training centers in the repair and maintenance of field, coast, and antiaircraft artillery.

Must have thorough knowledge of mechanical principles involved in the repair and maintenance of heavy equipment.

Military experience essential. Should have training in an artillery unit, with training or additional experience in antiaircraft maintenance.

Several years experience in manufacture or repair of heavy equipment essential.

Technical or trade school training in mechanical or automotive fields essential.

#### SOURCE JOBS

Master Mechanic	Millwright
Automotive Equipment	Shop Maintenance
Serviceman	Mechanic

#### POWER TRAIN REBUILD OFFICER (4809)

Supervises maintenance, repair, and inspection of track-laying and wheeled vehicles with specific emphasis on transmission, differential, and power-trains. Conducts inspection of incoming matériel to determine extent and nature of repair work required; assigns work detail and advises and assists unit in solution of technical problems; supervises inspection of accomplished work to insure suitability for release; trains and instructs personnel in care and preservation of shop equipment; directs the keeping of records and reports and maintenance of adequate supply of replacement parts and materials.

Must be thoroughly familiar with component parts, including special knowledge of gears, bearings, and lubrication. Must have extensive automotive background and be familiar with machine, welding, and sheet metal shop practices.

Military experience including completion of a course in automotive repair and maintenance desirable.

Extensive civilian experience in repair of automotive vehicles essential.

Advanced training in technical or trade school very desirable.

#### SOURCE JOBS

Foreman, automotive repair shop  
Service Manager

Automotive Mechanic  
Master Mechanic

#### ORDNANCE MAINTENANCE SERVICE OFFICER (4813)

Supervises issuance of parts and equipment and provides maintenance facilities for repair units of an ordnance shop organization. Supervises transportation, storage, and issue of spare parts and materials required for maintenance and repair units; directs or supervises maintenance of all unit equipment and material and provides repair services not performed by other units, such as machine-shop work, welding, electrical repair, painting, and wood-working; supervises keeping of stock records and accounts and reports status to commanding officer.

Should have comprehensive knowledge of supply system and maintenance and repair functions of organization. Should be familiar with machine-shop welding equipment.

Military experience in arm or service including field maintenance and repair essential.

Several years' stockroom and toolroom experience in maintenance and repair divisions of motor transportation companies very desirable.

#### SOURCE JOBS

Warehouse Manager  
Foreman, toolroom

Chief Storekeeper  
Parts Manager

#### ORDNANCE RECLAMATION OFFICER (4814)

Directs or supervises the inspection, classification, and reclamation of ordnance matériel, assemblies, and component parts. Supervises the inspection of matériel to determine which items are reclaimable and to establish most practicable methods of reclamation; develops procedures and determines materials and tools required for reclamation operations; supervises and instructs personnel in technical operations and maintains liaison with other agencies concerned with reclamation and conservation of critical materials. May reclaim foreign matériel. May act as technical adviser on all matters regarding reclamation and conservation of ordnance matériel in the command.

Must have a thorough knowledge of repair of ordnance matériel with special emphasis on automotive equipment. Should have a knowledge of design and construction of parts and equipment.

Must be familiar with physical and chemical properties of metals and other materials. Must be thoroughly familiar with the employment of metalizing and welding equipment, machine tools, bench tools, and precision gauges.

Military experience including experience in base shop or heavy maintenance operations desirable.

Broad civilian experience in the design, manufacture, or repair of heavy mechanical or automotive equipment essential.

College training in mechanical engineering or equivalent practical experience desirable.

#### SOURCE JOBS

Automotive Engineer	Automotive Maintenance Superintendent
Mechanical Engineer	Master Mechanic
Salvage and Reclamation	Machine Shop Superintendent
Engineer	

#### ROCKET OFFICER (4815)

Directs and supervises assembly, maintenance, inspection, and repair of all types of rocket launchers, equipment, and ammunition. Instructs using troops in the use, tactical importance, and limitations of rocket equipment; supervises military personnel in the supply, storage, transportation, and renovation of rocket ammunition. May supervise testing or design of rocket matériel to determine its characteristics and effectiveness, and to compare performance with known effectiveness of similar enemy equipment; prepares and submits technical reports on findings.

Must have knowledge of design, construction, installation, functioning, and use of rockets and rocket equipment. Must be thoroughly familiar with ballistics of ammunition, such as range, dispersion and firing characteristics, and be able to assemble and maintain ammunition and component parts in good working order.

Must have completed special courses in modern rockets and rocket launchers.

For assignment to rocket development duties, experience in manufacture of ammunition or industrial testing processes, such as industrial hydraulic research or testing, and training in chemical or mechanical engineering, desirable.

## SOURCE JOBS

Chemical Engineer      Mechanical Engineer

### TIRE MAINTENANCE AND REPAIR OFFICER (4818)

Directs or supervises inspection, maintenance and repair operations of an automotive tire repair unit. Supervises and instructs personnel in vulcanizing, capping, retreading of tires, and incidental repair of inner tubes; periodically inspects wheeled vehicles to determine condition of tires; supervises the taking of stock inventories and initiates action for the procurement of machinery, equipment and materials; maintains a library of general records and teaching aids concerning tire maintenance operations. May formulate and supervise instruction courses for vehicle operators to obtain greater tire serviceability. May command a field automotive tire repair unit and be responsible for its administration, tactical and technical training, transportation, supply and security.

Must have thorough knowledge of manufacture, maintenance, and repair of tires and inner tubes.

Civilian supervisory experience in administration or production capacity in manufacture, rebuilding, or repair of rubber tires essential.

Technical school training in manufacture and maintenance of tires and tubes very desirable.

## SOURCE JOBS

Sales Engineer, tires and tubes      Tire Inspector  
Production Manager, tire industry      Tire Maker

### PARACHUTE MAINTENANCE OFFICER (4820)

Directs and supervises maintenance of parachute canopies and pack and harness assemblies. Supervises inspection of parachutes and their folding, refolding, and packing; directs fitting and adjustment of harness and testing and cleaning of assemblies. May supervise storage issue, and shipment of parachutes from a depot. May supervise repair and overhaul of parachutes.

Must have thorough knowledge of parachute construction and thorough understanding of all parachute repair operations. Must know Army regulations pertaining to parachute maintenance.

Military experience essential. Must have para-

chute training in an Army Air Forces technical school.

Civilian experience in manufacture and repair of textile or leather goods desirable.

## SOURCE JOBS

Canvas Cover Repairman      Foreman, canvas goods manufacturing  
Awning Maker      Harness Repairman

### FLIGHT TEST MAINTENANCE OFFICER (4821)

Performs all necessary test flights to check safety of operation of all parts of a particular type aircraft after repairs have been made. Makes physical inspection to locate any mechanical defects; prior to flight tests checks operation equipment (such as electrical systems, hydraulic systems, instruments, propellers, engine controls, etc.) for malfunctioning; while in flight, tests operation of landing gear, flaps, control switches, etc.; performs necessary maneuvers to test aircraft for any unusual flying characteristics; makes notations of any irregularities found that should be corrected in order to make aircraft safe for flying.

Must be a rated Pilot or Service Pilot and transitioned in particular type aircraft to be tested. Should be thoroughly familiar with its mechanical and flying characteristics. Must be qualified to perform duties of Aircraft Engineering Officer (4823).

## AIRPLANE ARMAMENT OFFICER (4822)

Directs or supervises air and ground crew units in training and maintenance of all aircraft armament and chemical equipment such as chemical and smoke tanks, bombsights, gunsights, power turrets, rockets and rocket launchers, automatic pilots used with bombsights, etc., including integral electrical systems thereof.

Supervises the loading of bombs and ammunition into bomb racks and ammunition boxes; supervises inspection, cleaning, and maintenance of armament equipment; supervises instruction of air crews in use and ground crews in maintenance of aircraft armament and chemical warfare equipment; posts and enforces proper instruction for handling of explosives and combustibles; periodically inspects armament equipment and maintains status charts or boards indicating dates of last completed inspections of armament; keeps commanding officer advised on serviceability and performance rating of armament

under varying climatic conditions, and status and availability of armament equipment and supplies. May supervise the maintenance of armament with special maintenance and operational characteristics.

Must have thorough knowledge of bombs, fuzes, pyrotechnic, and aircraft armament equipment. Should be thoroughly familiar with chemical agents and toxic gases and be capable of instructing in use of aircraft chemical warfare equipment.

Military experience including completion of AAF course in aircraft armament essential.

Mechanical or electrical engineering experience very desirable.

At least 2 years college training leading to a degree in mechanical or electrical engineering desirable.

#### AIRCRAFT MAINTENANCE OFFICER (4823)

Supervises operations of an aircraft maintenance and repair unit at an air field or air base. Plans, lays out work, and assigns repair crews; supervises and instructs personnel in disassembly, assembly, repair, and testing of aircraft and such aircraft equipment as airplane engines, landing gear, wings, and fuselages; inspects and tests accomplished work to insure adequacy of repair, and that equipment is in state of readiness for service; supervises the issue of and is responsible and accountable for tools, supplies, and materials; supervises preparation of reports and records. May command a mobile repair unit assigned to advanced air field in theater of operations.

Must be thoroughly familiar with principles of mechanics and physics as applied to maintenance, repair, and testing of aircraft. Must possess skill and accuracy in the use of precision tools, measuring instruments, micrometers, and precision gauges.

Military experience including training at an Army Air Forces school very desirable.

Civilian experience in construction, maintenance, and repair of aircraft and aircraft equipment very desirable.

Advanced technical school training in aeronautical engineering essential.

#### SOURCE JOBS

Aviation Engine Mechanic	Shop Foreman, commercial air line
Master Mechanic, aircraft production	

#### AIRCRAFT TORPEDO MAINTENANCE OFFICER (4824)

Supervises inspection and maintenance of aircraft torpedoes. Allots work within shop or torpedo section; supervises normal, emergency, or periodic maintenance, such as assembly of fuzes for practice run or mission, disassembly and examination of all parts, repair of parts, and reassembly of torpedoes; directs the return of malfunctioning torpedoes to depots or arsenals; supervises maintenance of records, reports and equipment; trains and instructs personnel in torpedo maintenance.

Must have thorough knowledge of principles of operation and mechanical systems of aircraft torpedoes. Should be familiar with intricate machinery, linkages, and combustion. Familiarity with bombs and fuzes desirable.

Military experience in maintenance of ordnance matériel and ammunition very desirable. Must have completed a course in torpedo maintenance.

Several years experience in the design and manufacture of fine precision instruments desirable.

College degree in field of mechanical engineering or equivalent in practical experience essential.

#### SOURCE JOBS

Mechanical Engineer	Tool and Die Maker
Instrument Maker	

#### BOMBSIGHT MAINTENANCE OFFICER (4825)

Directs or supervises personnel in maintenance, servicing, and security of bombsight equipment. Formulates and directs execution of security measures for the protection of bombsights; supervises and instructs technical personnel in installing, dismounting, servicing, and minor repairing of bombsights; prepares reports on major repair work and on status of bombsights.

Military experience including completion of service armament and bombsight maintenance courses at an Army Air Forces technical school essential.

Civilian experience as journeyman in mechanics very desirable.

#### SOURCE JOBS

Gunsmith	Machine Shop Foreman
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#### AERIAL MINE OFFICER (4826)

Supervises inspection, maintenance, and preparation for planting of aerial mines. Directs tactical

and technical training of units; directs return of malfunctioning mines to depots; supervises maintenance of records, preparation of reports; trains and instructs personnel in maintenance and in preparation for planting of aerial mines.

Must have thorough knowledge of operation and components of aerial mines. Must have knowledge of extenders, clock starters, parachutes, and columbus washers that can be used with each aerial mine. Must be familiar with safety regulations governing handling and storage of high explosives and the special storage conditions necessary to insure satisfactory performance and life of mines. Must know the operational characteristics of each aerial mine and mine firing mechanisms. Must know the tactics and flying methods used in planting mine fields.

Military experience in ammunition handling, storage and in maintenance of ordnance matériel essential. Must be graduate of Naval Mine or Aerial Mine School.

Civilian experience in manufacture or maintenance and repair of mechanical equipment desirable.

College degree in mechanical, chemical, or industrial engineering or equivalent practical experience desirable.

#### SOURCE JOBS

Mechanical Engineer	Industrial Engineer
Chemical Engineer	Master Mechanic

#### LAUNDRY OFFICER (4830)

Supervises operation of a laundry in which clothing is sterilized and washed. Supervises the installation of laundry machinery; supervises the preparation of washing formulas and operation of power washers and wringers; maintains adequate supplies and supervises keeping of records and reports; directs and instructs in first-aid treatment for burns. May supervise demonstration of mobile laundry operations. May instruct personnel in large scale laundry methods. May command a mobile or semimobile laundry unit and be responsible for its administration, tactical and technical training, transportation, supply, and security.

Must be familiar with operation and employment of such laundry machinery as power washers, tumblers, extractors, and wringers. Should have knowledge of plumbing and steam control. Should be familiar with preparation and use of washing formulas.

Military experience including graduation from Army laundry school desirable.

Civilian supervisory experience in operation of modern laundry essential.

#### SOURCE JOBS

Laundry Manager	Laundry Production
Sales Engineer, laundry equipment	Technician

#### CLOTHING AND EQUIPMENT STERILIZATION OFFICER (4831)

Directs or supervises sterilization of clothing and equipment for storage, reissue, or salvage. Instructs and supervises personnel in operation, maintenance, and transportation of sterilization equipment; supervises receipt of material and assignment of work tasks to processors; supervises sorting, classification, and disposition of sterilized articles; conducts inspection of unit equipment to determine condition and insure compliance with operating instructions; maintains adequate supply of spare parts and materials; supervises preparation of reports and records. May command a sterilization or fumigation and bath unit and be responsible for its administration, tactical and technical training, transportation, supply, and security.

Should be familiar with operation and maintenance of various types of sterilization equipment. Should be familiar with use of chemicals needed for sterilization and fumigation treatment of clothing.

Military experience desirable.

Civilian supervisory experience in dry cleaning or laundering of clothing very desirable.

#### SOURCE JOBS

Laundry Manager	Dry Cleaning Manager
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#### CHEMICAL PROCESSING OFFICER (4832)

Sets up and operates plans for processing clothing, equipment, and other materials with a vesicant gas resistant substance. Supervises subordinate personnel in setting up semimobile processing plants and in testing them prior to operation; supervises plant operations and spot-checks processed materials for quality and protection efficiency; requisitions and procures materials and supplies; is responsible for the maintenance and repair of equipment; directs the dismantling and transporting of equipment to new points of operation when required.

Must possess supervisory ability in order to direct

and coordinate the work of a large crew of men engaged in processing materials.

Military experience with chemical troops desirable.

Civilian experience in a supervisory capacity in textile wet processing or the supervision of dyeing, dry cleaning, or laundry establishments very desirable.

#### SOURCE JOBS

Laundry or Dry Cleaning Foreman	Dye House Foreman
Chemist	Chemical Engineer

#### CHEMICAL MAINTENANCE OFFICER (4841)

Directs and supervises inspection, maintenance, repair, and storage of chemical warfare matériel and equipment. Directs reclamation and disposal of salvaged matériel; supervises storage, maintenance, repair, and issue of chemical warfare materials and equipment, fills requisitions for supplies and equipment, and maintains perpetual inventory of chemical warfare supplies and materials; supervises maintenance of accounts and audits; advises chemical officer on maintenance and repair operations and facilities, and on status of supply stocks.

Must be familiar with machine-shop practices, and the storage and handling of toxic gases and high explosives.

Military experience essential. Should include attendance at Chemical Warfare school or active duty as a Chemical Warfare Officer.

Civilian experience in supervising the storage, shipping, reclamation, and repair of chemical supplies and equipment very desirable.

#### SOURCE JOBS

Machinist	Warehouseman
Machine Shop Foreman	

#### RAILWAY SHOP SUPERINTENDENT (4850)

Directs operations of a railway repair shop organization. Formulates plans and procedures for efficient operation of shops, facilities, and technical personnel; determines methods for assembly and repair of railway equipment; prepares estimates of organizational requirements and arranges for procurement of supplies and equipment; directs the preparation of reports and supply records. May

command a railway repair shop organization and be responsible for its administration, training, transportation, and supply.

Must have thorough knowledge of railway repair shop practices. Must be able to organize and direct operations of large groups of skilled workmen.

Experience in repair, assembly, and maintenance of railway equipment essential.

#### SOURCE JOBS

Superintendent of Motive Power	Master Mechanic
Superintendent of Shops, railway	

#### CAR REPAIR SHOP SUPERINTENDENT (4851)

Directs or supervises repair, maintenance, inspection, and testing of freight and passenger cars. Inspects cars to determine extent and nature of repairs or reconditioning required to restore equipment to service; supervises operations of section engaged in erecting, stripping, fabricating, and adjusting operations involved in the general overhaul and rebuild of freight and passenger cars; supervises installation and replacement of air brake equipment, wheel assemblies, axles, and truck carriages; inspects and tests cars and equipment after repair and assembly; arranges for performance of operations beyond the capacity of unit with other units of organization; supervises preparation of reports and maintenance of adequate supply of replacement parts and material. May command a car repair shop unit of a railway repair shop organization and be responsible for its administration, training, and supply.

Must be able to supervise the work of cabinet-makers, car carpenters, car mechanics and inspectors, electricians, lathe and boring mill operators, upholsterers, pipe fitters, and welders.

Practical shop experience in stripping and erecting railway cars essential.

#### SOURCE JOBS

Master Car Builder	Car Repair Shop
General Car Foreman	Foreman
Chief Car Inspector	

#### BOILER AND SMITH SHOP SUPERINTENDENT (4852)

Supervises the operation of a railway boiler and smith shop. Analyzes and reviews work orders and

allocates work assignment to appropriate section of unit; directs activities of personnel engaged in repair of boilers, tanks, and steel structural supports, and in fabrication of parts and castings; establishes work order priorities and coordinates work of unit with other repair units of organization to insure proper timing of repair schedules; supervises the maintenance of repair work equipment; supervises the keeping of records and maintains adequate supply of replacement parts and material. May command a boiler and smith shop unit of a railway repair shop organization and be responsible for its administration, training, and supply.

Must be thoroughly familiar with boiler and smith shop practices and be able to supervise the work of boilermakers, tankmakers, punch and shear operators, welders, blacksmiths, forging machine operators, molders, sheet metal workers and electricians.

Civilian supervisory experience in the repair or fabrication of steam boilers, tanks, and other products made of heavy steel plate essential.

#### SOURCE JOBS

Boiler Shop Foreman  
Railway Shop Super-  
intendent

Smith Shop Foreman  
Roundhouse Foreman

#### BOILER SHOP SUPERINTENDENT (4853)

Supervises a boiler shop unit of a railway shop organization. Supervises the repair, fabrication, and assembly of boilers, tanks, and steel structures; examines incoming railway equipment parts to determine extent and nature of repair work required; supervises such operations as cleaning and scaling of boilers and tanks, application of patches, crack welding, and removal and replacement of boiler tubes; provides personnel for and supervises performance of work details for boiler repair in other units of organization; supervises inspection of accomplished repair work to insure adequacy and serviceability; maintains adequate supply of replacement parts and material and directs the preparation of reports and records. May command a boiler shop unit and be responsible for its administration, training, and supply.

Must have thorough knowledge of methods involved in fabrication and assembly of boilers, tanks, and steel structures. Must be able to supervise the work of boilermakers, tankmakers, punch and shear operators, and welders.

Civilian supervisory experience in the repair or

fabrication and assembly of boilers, tanks, and other vessels made of heavy steel plate essential.

#### SOURCE JOBS

Boiler Shop Foreman

Boilermaker

#### BLACKSMITH SHOP SUPERINTENDENT (4854)

Supervises operations of a blacksmith shop. Supervises personnel engaged in forging, heat treating, pipe fitting, sheet metal work, brazing, babbiting, and production of brass castings; provides personnel for and supervises the performance of working detail assigned to other organizational units to perform such tasks as fitting of braces and pipes, removal and assembly of electrical apparatus and boiler jackets; inspects completed work of unit to insure compliance with work order specifications; maintains adequate supply of replacement parts and raw material for operation of unit. May command a smith shop unit of a railway repair shop organization and be responsible for its administration, training, and supply.

Must have thorough knowledge of smith shop operations including manufacture and production of castings. Must be able to supervise the work of forging machine operators, blacksmiths, steam hammers, heat treaters, molders, sheet metal workers, coppersmiths, and electricians.

Civilian supervisory experience in manufacture and repair of heavy metal products and machinery essential.

#### SOURCE JOBS

Blacksmith Shop Foreman    Forge Shop Foreman

#### ERECTING AND MACHINE SHOP SUPERINTENDENT (4855)

Supervises the operations of erecting shop, machine-shop, and work equipment unit. Supervises repair, maintenance, and testing operations on all track work equipment; analyzes work orders and allocates work assignments to appropriate shop or unit; coordinates operations of erecting shop, machine shop, and work equipment unit to insure proper work scheduling and distribution; supervises maintenance and issuance of all portable tools; supervises maintenance of adequate supply parts and materials; prepares necessary reports and correspondence.

Must have thorough knowledge of railway shop.

practices and experience in locomotive maintenance.

Civilian supervisory experience in railway shop operations and practices essential.

#### SOURCE JOBS

Erecting and Machine Shop Foreman	Machine Shop Foreman
Erecting Shop Foreman	General Shop Foreman
	Roundhouse Foreman

#### LOCOMOTIVE ERECTING SHOP SUPERINTENDENT (4856)

Supervises the stripping and assembly of locomotives. Examines incoming repair work to determine nature of repair and appropriate allocation of work assignment; supervises the stripping of locomotives and delivery of repair items to various shops; supervises the inspection and testing of repaired parts prior to reassembly; coordinates work of unit with other units of organization to facilitate stripping and assembly of locomotives; maintains adequate supply of replacement parts and materials; supervises the keeping of reports and records. May command an erecting shop unit of a railway repair shop organization and be responsible for its administration, training, and supply.

Must have thorough knowledge of railway repair shop practice. Must be able to supervise the work of locomotive hostlers, air brake, mechanics, gas engine mechanics, locomotive mechanics, and crane operators.

Civilian experience in repair, maintenance, and inspection of locomotives essential.

#### SOURCE JOBS

Erecting Shop Superintendent	Machine Shop Foreman
Machine Shop Superintendent	Machinist

#### RAILWAY MACHINE SHOP SUPERINTENDENT (4857)

Supervises the operation of railway machine shop. Supervises the repair and assembly of locomotive subassemblies, air brake equipment, and pumps; supervises machine operations and machine welding on locomotive parts and railway cars; provides personnel for and supervises the performance of work details assigned to other units of organization for cylinder reboring, fabrication of replacement parts, and frame welding; supervises maintenance of shop stores and issuance of portable tools.

Must have thorough knowledge of machine-shop practices and be able to supervise the work of air brake mechanics, welders, machinists, and toolmakers.

Practical experience in machine-shop operation essential.

#### SOURCE JOBS

Machine Shop Foreman	General Foreman,
Enginehouse Foreman	railway
Machinist	

#### RAILWAY WORK EQUIPMENT SHOP SUPERINTENDENT (4858)

Supervises the operations of a work equipment unit in the maintenance and repair of miscellaneous and work equipment. Is responsible for the continuous efficient operation of work equipment; organizes and administers the unit on a pool basis where necessary; is responsible for maintenance of adequate supply parts, materials, and tools; prepares necessary reports on work of unit for higher authority.

Must be able to supervise work of general mechanics, automobile mechanics, automotive electricians, and welders.

Thorough and practical civilian experience in railway shop operations essential.

#### SOURCE JOBS

Machine Shop Foreman	Assistant Shop Super-
Assistant Car Shop	intendent
Foreman	Car Shop Foreman

#### RAILWAY SALVAGE ENGINEER (4859)

Supervises operations of scrap yard and reclamation unit. Supervises the examination of demolished and worn-out railway equipment and machinery to classify and segregate usable and nonusable materials; rebuilds and reconditions recoverable material and arranges for transportation to distributing units for reissue; instructs personnel in technical operations of unit; supervises the keeping of records and preparation of reports.

Must possess knowledge of railway materials, including types of machinery required for rehabilitating reclaimed materials. Must be familiar with physical and chemical properties of metals and other materials. Must be able to supervise the work of machinists, blacksmiths, welders, and automotive mechanics.

Civilian supervisory experience in repair, recon-

ditioning, and reclamation of railway or heavy equipment desirable.

#### SOURCE JOBS

Salvage Engineer, railway Reclamation Plant Foreman  
Machine Shop Foreman man, railway  
Reclamation Plant Superintendent Railway Shop Foreman  
intendant, railway Storekeeper, railway

#### AIR BRAKE SHOP SUPERINTENDENT (4860)

Supervises operations of an air brake repair unit of a railway shop. Inspects air brake apparatus including brake beams, rods, and cylinders to determine extent and nature of repair work required; supervises disassembly and assembly of parts and repair and replacement of defective parts; instructs and supervises personnel in adjusting, cleaning, and oiling of air brake apparatus; estimates unit requirements and initiates action for procurement of supplies and equipment; supervises preparation of reports and records.

Must have knowledge of construction and repair of air brake equipment including triple valve, reservoirs, and brake cylinders.

Civilian experience in construction, installation, and repair of railway air brake apparatus essential.

#### SOURCE JOBS

Air Brake Mechanic or Car Repair Foreman  
Foreman Railway Brake Inspector

#### ELECTRIC LOCOMOTIVE REPAIR SHOP SUPERINTENDENT (4861)

Supervises operations of an electric locomotive repair unit of a railway shop. Inspects incoming equipment to determine extent and nature of repair work; supervises disassembly, reassembly, and repair of electric motors, generators, transformers, and other auxiliary equipment; supervises installation of lights, heaters, interior and exterior wiring; provides for inspection and testing of accomplished work for defects and unsafe conditions; estimates unit requirements and prepares requisitions for supplies and equipment; supervises preparation of reports and records.

Must be thoroughly familiar with fundamentals of electrical power generation. Should have knowledge of traction motion, control equipment, transformers, and other auxiliaries of electric railway locomotion.

Civilian experience in maintenance and repair of electric locomotives essential.

Technical school training in electrical and mechanical engineering very desirable.

#### SOURCE JOBS

Chief Electrician,  
railway shop  
Electrical Engineer

Traction Foreman  
Electric Locomotive  
Shop Foreman

#### DIESEL LOCOMOTIVE SHOP SUPERINTENDENT (4862)

Supervises operations of a Diesel locomotive repair unit. Supervises activities of repair crew in overhauling and repair of heavy Diesel engines; instructs and supervises personnel in disassembly, assembly, and replacement of defective parts; tests and inspects accomplished repair work to insure adequacy and serviceability; prepares estimates of unit requirements and initiates requisitions to maintain adequate supply of replacement parts, tools, and equipment; supervises the preparation of work reports and records.

Must have thorough knowledge of Diesel engine mechanics. Must be able to supervise the work of Diesel mechanics, armature winders, machinists, railway mechanics, and welders.

Civilian experience in construction, maintenance, and repair of heavy Diesel engines and auxiliaries essential.

Technical school training in construction, operation, and maintenance of heavy Diesel engines very desirable.

#### SOURCE JOBS

Diesel Mechanic  
Electrician, railway

Diesel Repair Shop Foreman

#### ENGINEER EQUIPMENT MAINTENANCE AND REPAIR OFFICER (4880)

Supervises maintenance, repair, and inspection of engineering equipment. Analyzes maintenance requirements and recommends proper maintenance equipment and field repair facilities; checks incoming repair work to determine amount and exact nature of repair; inspects shop operations to insure that repair schedules are maintained; makes recommendations for disposal of obsolete and irreparable equipment; directs maintenance of adequate stock materials and keeping of reports and records. May organize and direct schools for the training of personnel in maintenance, operation, and repair of engineering equipment. May be responsible for allocation and control of construction equipment.

**Must have thorough knowledge of mechanical principles involved in maintenance and repair of such equipment as tractors, roadrollers, asphalt distributors, carryalls, draglines, power shovels and cranes, and air compressors. Must be familiar with the employment of heavy equipment on construction engineering projects.**

Civilian supervisory experience in maintenance and repair of heavy equipment essential.

Technical school training in mechanics, mechanical engineering, or civil engineering very desirable.

#### SOURCE JOBS

Master Mechanic, heavy equipment	Millwright
Distributors Serviceman	Construction superintendent
Mechanical Engineer	Civil Engineer

#### FOUNDRY OFFICER (4881)

Supervises a unit engaged in the production of steel, cast iron, bronze, and other ferrous and non-ferrous metal castings. Plans production schedules and lays out working details; supervises and coordinates the activities of enlisted men engaged in making patterns, cores, and molds for metal castings and in weighing, mixing, melting, and pouring metals and hardeners; checks or supervises checking of sample castings against blueprints for dimensions and shape prior to authorizing production; checks or supervises checking of furnaces for proper temperature and charging; supervises inspection of castings for blowholes, cracks, rough spots, and other defects and determines whether rejected castings can be salvaged; supervises care, maintenance, repair, and operation of such foundry equipment as furnaces, ovens, molding and core-making machines, grinders, sandblast tumblers, and similar hand or power operated machinery; supervises maintenance of records and reports.

Must have thorough knowledge of qualities of metals, alloys, and hardeners. Must know the mixing, combining, melting, and pouring temperature of metals. Should be able to make patterns, molds, and cores, using hand tools or power operated machinery.

Must have had previous foundry work experience.

#### SOURCE JOBS

Foreman, Foundry Foundry Molder	Foundry Patternmaker
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#### MEDICAL EQUIPMENT MAINTENANCE OFFICER (4890)

Supervises the installation, inspection, maintenance, and repair of medical equipment. Supervises or conducts the inspection of such equipment as X-Ray machines, fluoroscopes, operating room equipment, sterilizers, gas anesthesia equipment, resuscitators, oxygen therapy equipment, and other miscellaneous equipment of the medical department to determine extent and nature of repair work required; lays out work and allocates various work assignments and supervises and instructs personnel in repair operations; advises on non-professional technical matters to achieve more effective utilization of equipment; supervises preparation of reports and is responsible for maintaining adequate supply of replacement parts and materials. May perform liaison with manufacturers of technical equipment, contractors, and District, Area, and Post Engineers to accomplish the most effective installation of medical technical equipment. May make recommendations as to redistribution of technical items and accessory medical equipment returned from posts, camps, and stations.

Must be thoroughly familiar with construction and operation of various types of medical equipment. Should be familiar with the employment of such tools and equipment as machine tools, welding equipment, electrical testing apparatus, and carpenter's, painter's, pipefitter's, and tinsmith's hand and bench tools.

Must be graduate of basic course, Medical Field Service School, or graduate of Medical Administrative Corps, Officer Candidate School, and in addition be a graduate of Phase I, Quartermaster Supply Course, Phase II, supply course peculiar to Medical Department, and Medical Department equipment maintenance course.

Civilian experience in the manufacture or sales and service of medical and surgical equipment very desirable.

College training in mechanical or electrical engineering or equivalent practical experience desirable.

#### SOURCE JOBS

Mechanical Engineer
Electrical Engineer
Sales Engineer, Medical and Surgical Equipment
Master Mechanic
Machine Shop Superintendent

### **OPTICIAN (4891)**

Supervises personnel engaged in the grinding, cutting, polishing, and edging of eyeglasses in accordance with prescriptions. Checks dimensions of lenses with gauges; supervises mounting of eyeglasses in frames; supervises the maintenance of shop equipment and determines supply requirements. May supervise the renovation and repair of optical equipment such as field glasses and telescopic sights, and make final inspection to ascertain that repairs have been adequately and efficiently accomplished. May command a mobile optical shop.

Must have thorough knowledge of the manufacture and repair of lenses, optical equipment, and precision instruments, and the theory of light and optics.

Must have several years' responsible experience in the manufacture and repair of optical equipment.

### **SOURCE JOBS**

Optician	Lens Maker
Optical Instrument Maker	

### **SHEET METAL AND PIPE FITTING SHOP SUPERINTENDENT (4892)**

Supervises the operations of a sheet metal and pipe fitting shop. Prescribes policies, procedures, and regulations for fabrication of sheet metal replacement parts for installation in cars, locomotives, aircraft, and other equipment; lays out work and traces patterns according to blueprints and specifications; supervises and instructs personnel in drawing and developing patterns on sheet metal with compass, scale, and lay-out tools according to blueprint designs or specifications; supervises fabrication of sheet metal articles for use as machine guards, roof cornices, tanks, roofing, and shelving; supervises the cutting and threading of pipe, and repair of pipe-line systems; supervises personnel engaged in cutting, bending, and assembling of metal sheets and plates; estimates unit requirements and prepares requisitions for tools, supplies, and equipment; directs preparation of reports and records.

Must be skilled in use and operation of sheet metal and pipe-fitting tools and equipment. Must have knowledge of design and lay-out methods used in sheet metal work and be able to duplicate and install sheet metal replacement parts. Must be able to supervise work of sheet metal workers, pattern cutters, tinsmiths, benders, shearmen, sheet metal fabricating machine operators, pipe fitters, pipe threaders and pipe cutters.

Civilian experience in planning, laying out, and supervising construction or repair of sheet metal equipment or steam pipe systems essential.

### **SOURCE JOBS**

Machine Shop Foreman	Tinsmith Foreman
Sheet Metal Foreman	Pipe fitter Foreman

### **INSTRUMENT REPAIR OFFICER (4894)**

Repairs or supervises the repair of various types of instruments, meters, and gauges used for recording or controlling such factors as pressure, flow, temperature, humidity, time, or velocity. Adapts instruments to various uses by calibration and adjustment; maintains instruments in efficient operation by making adjustments and replacing parts; tests and inspects instruments and their installations to assure correct performance; salvages instruments and parts obtained from dismantled installations.

Should be familiar with electrical and mechanical principles applicable to recording and control instrument construction and operation. Should be familiar with various commercial, industrial, and laboratory uses of such equipment. Should be able to use precision tools and machines, and measuring devices.

Considerable civilian experience in the manufacture or repair of precision instruments very desirable.

Technical school training desirable.

### **SOURCE JOBS**

Instrument Repairman	Instrument Maker
Watch and Clock Maker	Gauge Maker
or Repairman	

### **DIRECTOR OF MAINTENANCE (4895)**

Supervises and coordinates maintenance and repair activities of an installation, exclusive of utility shops. Develops preventive maintenance practices; issues directive regarding safety measures and directives on preservation, use, servicing, maintenance, and repair of equipment; supervises the requisitioning, distribution, utilization, and care of supplies, and equipment; provides technical advice on preventive maintenance for supplies and equipment in storage; indicates type and scope of work for each shop to effect centralization and consolidation of existing shop facilities and to eliminate duplication of work performed in utility shops; establishes job priorities; supervises collection and disposition of job salvage; obtains services of qualified inspectors from techni-

cal services to insure that shop products, procedures, and work is in accordance with Technical Manuals, Modification Work Orders, or War Department directives; maintains liaison with utilities officer to insure greater utilization of combined shops and to determine when use of commercial facilities is necessary; supervises preparation of administrative and personnel records and reports. May recommend location of service units and repair shops. May supervise technical inspection of property being surveyed to determine disposition. May serve as Director of Maintenance in a headquarters or as a Deputy Director of Maintenance in a field installation.

Must be able to coordinate the functions of automotive maintenance and repair officers (4805), armory maintenance and repair officers (4807), repair officers, clothing and textile (4610), repair officers, machinery and metals (4613), and similar commissioned specialists.

Should have industrial or mechanical engineering background including administrative and practical shop experience.

College training in mechanical engineering desirable.

#### PARACHUTE SUPPLY OFFICER (4901)

Supervises storage, issue, and shipment of parachutes. Supervises airing, folding, and routine inspection; supervises storage of parachutes in dry and protected places in a manner prescribed by regulation; supervises issue and shipment of parachutes in accordance with shipping requirements; supervises minor repair of parachutes.

Must have thorough knowledge of parachute construction including canopy, pack assembly, and harness. Should have knowledge of canvas, leather, and webbing repair.

Military experience essential. Must have completed course in Army Air Forces technical school.

Civilian experience in packing and shipping of canvas and textiles very desirable.

#### SOURCE JOBS

Awning Maker

Shipping Foreman, textile

#### TECHNICAL SUPPLY OFFICER, AIR (4902)

Directs or supervises requisition, storage, maintenance, and issue of Army Air Forces technical supplies and equipment. Instructs and trains per-

sonnel in storage and maintenance of replacement parts and equipment; directs keeping of files of supply regulations and technical publications; supervises issue of technical supplies and equipment used in maintenance of aircraft; supervises taking of inventories and maintenance of adequate stock levels; directs preparation of reports and keeping of records.

Must be thoroughly familiar with stock accounting methods and have basic knowledge of warehousing.

Military experience in supply and warehousing activities very desirable.

Civilian supervisory experience in storage and distribution of aircraft or automotive parts and equipment desirable.

#### SOURCE JOBS

Manager, automotive

parts supply

Warehouse Manager, me-  
chanical equipment

Purchasing Agent,  
technical materials

Storekeeper, parts and

tools

Shipping Foreman,  
technical materials

#### AIRCRAFT INSPECTION OFFICER (4903)

Supervises and directs inspectors in checking compliance with standards and specifications of aircraft and aircraft equipment being manufactured for the Army Air Forces. Directs the checking of engines, propellers, armament, gauges, and precision equipment, tools, and machinery, fuels and lubricants, and is responsible for the formulation of inspection programs, techniques, policies, and regulations with respect to inspection activities within his jurisdiction.

Military experience desirable.

Must have experience as a supervising inspector or production manager in the manufacture of automotive or other mechanical equipment or training in AAF aircraft inspection procedures.

College training in mechanical or aeronautical engineering desirable.

#### SOURCE JOBS

Aeronautical Engineer

Automotive Engineer

Mechanical Engineer

#### NOISE SUPPRESSION INSTALLATION OFFICER (4910)

Supervises procurement and installation of noise

suppression communication equipment in tanks and other vehicles. Initiates procurement of equipment; trains personnel; prepares training literature and manuals; designs or specifies installation tools and equipment; inspects installations; provides technical advice; supervises maintenance of records.

Should be familiar with commercial communication installation practices in radio and mechanical fields. Must have G-2 clearance.

Military experience including field experience with vehicular equipment desirable.

Civilian supervisory experience in electrical manufacturing or production very desirable.

College training in electrical engineering very desirable.

#### SOURCE JOBS

Electrical Engineer

Radio Engineer

#### GROUNDS MAINTENANCE OFFICER (4912)

Supervises the general maintenance, minor repair, and beautification of grounds and buildings at a military installation. Supervises the assignment of work details for the removal of waste, ashes, and garbage, cutting of grass, and tending of furnaces; makes periodic inspections of area, damage to buildings, utilities, or special property, and submits reports to post utilities officer, engineer, or other responsible officer. May supervise construction of walks and fences and the planting of grass or shrubs.

Civilian experience in the maintenance and repair of buildings and private estates very desirable.

#### SOURCE JOBS

Building Superintendent Common Labor Foreman  
Landscape Gardener

#### RANGE MAINTENANCE OFFICER (4915)

Supervises operation and maintenance of ground ranges used by military personnel for training and record firing of weapons. Schedules use of range by various organizations; designates danger zones and posts range guards; arranges for material and labor to put ranges in proper condition for use; directs and supervises repairs to shelters, butts, targets, firing points, and telephone lines; provides for safety of personnel at firing line and in the pits; sees that targets are ready for firing at appointed times, and that pit details are provided with flags, marking

disks, paste, and spotters; enforces regulations and safety precautions pertaining to conduct of practice firing of rifle, machine-gun, antitank and other weapons on range. May direct temporary storage and distribution of ammunition.

Must be thoroughly familiar with the operation and care of all types of arms used on range, and with range equipment and its maintenance.

Military experience essential.

Police range work or other civilian experience involving handling and care of weapons desirable.

#### SOURCE JOBS

Police Range Officer

Skeet Range Operator

#### EXPERIMENTAL SHOP OFFICER (4922)

Supervises fabrication of development models, parts, or mechanical devices. Supervises the selection, installation, and maintenance of shop equipment; supervises procurement of materials; supervises maintenance of all records incident to management of shop.

Must be capable of working under direction of and in close collaboration with development engineers.

Military experience desirable.

Normally requires several years civilian supervisory experience in machine-shop operation.

College training with major subjects in mechanical engineering desirable.

#### SOURCE JOBS

Machine Shop Foreman  
Tool Maker

Machinist

#### MODEL MAKER (4925)

Constructs models of military equipment, terrain or other desired objects for use in instruction, production of motion or still pictures, or for other military purposes. Constructs models to scale using clays, plasters, plastics, fabrics, wood, metals, and other materials; finishes models in color and simulated textures to achieve various optical effects. May supervise and instruct personnel in model making. May command an Engineer Model making team.

Must have unusual manual dexterity and be able to use such tools as wood carving sets, modeling sets, wood working machine tools, silversmithing tools, and air brushes. Must be able to interpret blueprints and work from rough drafts, sketches, and photographs.

Civilian experience in lay out, design, or manufacture of pilot models and patterns desirable. Experience in the planning and construction of museum models and commercial exhibits very desirable.

Industrial art or manual art school training very desirable.

#### SOURCE JOBS

Model Maker

Student, Manual Arts

Pattern Maker

Cabinet Maker

#### PROPERTY OFFICER (4930)

Directs receipt, storage, inspection, and issuance of government owned property at a military installation. Supervises maintenance of property records and documents, such as receiving reports, shipping tickets, reports of survey, and inventories; arranges for tagging and marking of items for identification purposes; provides for proper storage and safeguarding of property; directs issuance of property as required and is accountable for nonexpendable items. May issue and be accountable for property supplied in accordance with contracts providing for the use of government property.

Should have knowledge of accounting and warehousing. Should have thorough knowledge of Army regulations and procedures pertaining to property accountability.

Military administrative experience essential.

Civilian supervisory experience in property storage or accounting desirable.

Training in business administration desirable.

#### SOURCE JOBS

Purchasing Agent

Accountant

Warehouse Superintendent

Office Manager

#### CUSTODIAL OFFICER (4931)

Supervises the inspection and safeguarding of property, materials, and records at installations. Inspects properties, buildings, inventories, and materials for proper maintenance and care; maintains liaison between troops and post facilities directors, to insure full use of services and properties; supervises receipt of camp and garrison equipment issued to units, and is responsible for its return to property officer when no longer required; maintains custody of garrison property at post when units move to field; supervises receipt and disposition of salvageable materials; is responsible for policing area and for maintenance of sanitation and neatness of offi-

cers' barracks; inspects buildings and appliances to insure that they are in proper condition for reception of troops.

Knowledge of Army supplies and methods of handling supplies with experience in keeping records essential.

Military experience including training in supply activities of arm or service very desirable.

Civilian experience in field of stock control, merchandise accounting, inspection, or storage desirable.

#### SOURCE JOBS

Building Supervisor

Warehouse Manager

Property Officer

#### PROPERTY SURVEY OFFICER (4932)

Conducts the examination, survey, and inspection of various properties to determine and recommend suitable disposition. Makes periodic inventories of property to be abandoned; checks on discrepancies between shipping tickets and actual amounts of property transferred between various offices; investigates damage to or loss of property due to fire, theft, or accident and fixes responsibility; makes recommendations for disposition of property according to suitability for continuance in use, release to depot or arsenal, reclamation of parts, salvage, sale, or destruction.

Must be thoroughly familiar with Army administration and procedures regarding property responsibility and accountability. Should have knowledge of accounting.

Military experience essential.

Civilian experience in the appraisal of real estate and property very desirable.

#### SOURCE JOBS

Real Estate Agent

Insurance Adjuster

Property Manager

Real Estate Appraiser

#### WATER SUPPLY UNIT COMMANDER (4940)

Commands a water supply unit and is responsible for its administration, training, supply, transportation, equipment, security, and tactical employment in the purification, distribution, and storage of water. Selects and supervises motor park; provides for storage maintenance of equipment; directs troops in convoy movement to site of operations; develops additional water supply facilities when the local supply is inadequate in quantity and quality, and may assist general engineer troops in the installation and

operation of water supply points; transports water from railheads or water supply points to water distributing points; installs and operates canvas basins and pumps at temporary water supply points; operates mobile purification equipment in accordance with chemical and bacteriological analysis of water supply.

Must be familiar with the equipment of such equipment as tank trucks, mobile water purification units, water supply sets, pipe fitting sets, tinsmith sets, blacksmith sets, carpenter sets, and canvas working sets.

Military experience desirable. Should have completed courses at an engineer officers' school.

Civilian experience in the transporting of bulk liquids by tank trucks very desirable.

#### SOURCE JOBS

Transportation Manager, Bulk Station Operator  
milk company

#### FORESTRY OFFICER (4942)

Directs or supervises logging and milling operations for manufacture and supply of lumber. Locates timber tracks from maps and directs establishing of operating sites; estimates quantities of useable timber in tract, and man-days required for completion of logging operations; supervises measuring and marking of trees to be cut for bridges, roads, buildings, and field fortifications; supervises felling and cutting of trees, loading and hauling of logs to sawmill; establishes procedures pertaining to cutting and milling of logs; determines lumber content in board feet measure of sawlogs prior to manufacture; supervises operation of portable sawmill machinery and equipment. May acquire and operate lumber mills and facilities in a theater of operations. May conduct studies relative to forestry problems.

Must be able to operate stationary, semiportable, and skid-mounted portable sawmills. Must be familiar with cruising and log scaling, and should be able to differentiate between species and relative grades of lumber best suited for military use.

Military experience desirable.

Civilian experience in logging, sawmill operations, or cruising essential.

#### SOURCE JOBS

Forest Ranger  
Range Examiner  
Timber Cruiser  
Dogger

Sawmill Foreman  
Log Scaler  
Sawmill Millwright

#### GAS GENERATING UNIT COMMANDER (4944)

Supervises the operations of a gas generating unit engaged in the production and storage of oxygen and nitrogen or acetylene gas. Supervises and instructs personnel in the installation and operation of such gas generating equipment as gas compressors, high pressure cylinders, motors, pumps, and pressure gauges; supervises minor maintenance and repair of operating equipment; establishes and enforces safety precautions.

Must have thorough working knowledge of type of gas generating plant to be operated. Should have knowledge of calcium carbide generating process. Should be able to make ordinary operating repairs including silver-brazing, soft soldering of copper, and tinning and riveting of high pressure pipes. Must be familiar with all precautions and hazards involved in manufacture of gases.

Must be a graduate of Engineer Gas Generating School or equivalent course of instruction.

Civilian experience in processing, manufacturing, and bottling oxygen and nitrogen or acetylene gases desirable.

#### SOURCE JOBS

Gas Generating Plant Foreman      Refrigeration Mechanic

#### BILLETING OFFICER (4950)

Directs the housing of military personnel and the dissemination of information at a port, depot, post, or other military installation. Receives troops, assigns quarters, and supervises the issue of bedding; explains conditions, regulations, and orders affecting the billeting of personnel; supervises the dissemination of information on discipline, security, post exchange, welfare, religious services, inoculation, foreign duty, finances, customs of the service, and general matters; supervises administration in first aid, laundry, mail service, reports, and general repairs; inspects staging area frequently for proper drainage, erosion prevention, policing, orderliness, and sanitation; issues requisitions. May investigate accidents, complaints, and sabotage. May arrange for entertainment of troops. May supervise mess.

Must be thoroughly familiar with methods of housing large numbers of men. Must have good knowledge of Army regulations and procedures.

Military experience essential.

Several years civilian managerial experience in hotel or resort operations very desirable.

## SOURCE JOBS

Hotel Manager

Camp Superintendent

## PETROLEUM PRODUCTS SUPPLY OFFICER (4960)

Directs or supervises the procurement, storage, inspection, and distribution of petroleum products. Assembles petroleum requirements from supply services and initiates action for procurement; plans and arranges for provision of storage tanks and loading facilities at supply points; processes shipping memorandum and collaborates with operating branches for the expeditious movement of petroleum products to and from production or port areas; supervises the preparation of reports, charts, and records pertaining to petroleum operations at ports and other nearby terminals and to fuel and lubricants loaded on vessels for oversea operations. May supervise the preparation of working drawings for additional storage facilities as needed. May maintain liaison with governmental agencies relative to priority preference ratings.

Must have thorough knowledge of warehousing and distribution of petroleum products. Should be familiar with various uses of oil, gasoline, and kerosene, and of procedure relative to their procurement.

Military experience including training in supply operations very desirable.

Extensive civilian experience in procurement, storage, and transportation of petroleum products essential.

## SOURCE JOBS

Bulk Station Operator  
Buyer, petroleum products

District Superintendent, petroleum products distribution

## PUBLICATIONS DISTRIBUTION OFFICER (4961)

Directs or supervises distribution of publications. Prepares plans indicating organizational distribution; reviews and approves requisitions for available publications; estimates quantities to be reproduced; arranges for security of classified material; prepares correspondence and maintains records.

Must have thorough knowledge of Army organization. Must be familiar with distribution procedures related to publications of War Department. Should have general knowledge of printing and reproduction methods and procedures.

Military experience essential.

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Civilian experience in reproduction and distribution sections of the Government Printing Office or other governmental agency very desirable.

## SOURCE JOBS

Circulation Manager  
Publications Manager

Publisher

## GASOLINE SUPPLY OFFICER (4962)

Directs or supervises the receipts, storage, and issuance of gasoline, oil, and greases at railheads, depots, or other supply points. Supervises the loading, unloading, and issue of petroleum products; supervises the reduction of bulk deliveries from tank cars or tank trucks to containers; supervises the transportation of gasoline supplies to distribution points either in containers or by use of tank trucks; locates and establishes forward distributing points when distance prevents return to post or railheads; supervises the use of civilian gasoline filling stations on main supply routes; supervises the maintenance of charts and records incident to type of fuels and petroleum products required by various organizations; supervises and instructs personnel in care and maintenance of gasoline dispensing equipment. May command a gasoline supply unit and be responsible for its administration, training, transportation, supply, and security.

Must have thorough knowledge of types and grades of automotive fuel and lubricants, and storage and distribution methods. Should have good knowledge of methods of stock accounting.

Military experience essential.

Civilian supervisory experience in the storage and distribution of petroleum products required.

## SOURCE JOBS

Bulk Station Manager

Gasoline Chain Manager

## WAREHOUSE AND SUPPLY INSPECTION OFFICER (4980)

Conducts inspections of administrative and technical warehouse procedures to increase efficiency and to effect better coordination with procurement and supply objectives. Makes studies of the broader phases of warehousing methods for the purpose of eliminating storage, handling, or clerical difficulties; analyzes traffic arrangements or transportation facilities directly affecting the efficiency of warehouse or supply operations; prepares reports, analysis, and statistical data together with such recommendations

as appear necessary. May assist on a mission where the problems to be encountered require a specialized knowledge of warehousing fundamentals.

Must have the ability to organize and coordinate diversified activities and to conduct and report upon important and extensive warehousing programs.

Military experience including training in supply operations desirable.

Considerable civilian experience in a responsible supervisory capacity, directing administrative or technical procedures relating to the marketing, warehousing, and transportation of supplies essential.

College graduate with courses in marketing, economics, or business administration or equivalent in practical experience very desirable.

#### SOURCE JOBS

Plant Engineer, manufacturing or mercantile establishment	Warehouse Manager, railroad or steamship terminal
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#### SPECIAL SERVICES OFFICER (5004)

Plans, organizes, and coordinates athletic, recreation and welfare activities, and advises the commanding officer with respect to these activities. Procures and obtains material and makes available facilities for such activities as baseball, football, and basketball games, boxing and wrestling events, production of soldier shows, vocal and instrumental off-duty activities and off-duty participation in hobbies and handicrafts; publicizes athletic and recreational activities; sets up schedules for use of equipment and playing fields; interprets playing rules; develops and directs unit physical fitness programs. May supervise operation of service clubs, guest and field houses, recreational buildings, libraries, rest camps, and recreation areas. May supervise operation of Army Motion Picture Service theaters, and assure distribution and scheduling of motion pictures. May coordinate arrangements for professional and amateur shows and radio broadcasts. May recommend types and amount of athletic equipment to be provided. May prepare material for use in sports manuals and guides. May serve as a consultant in welfare matters with various civilian welfare agencies.

Knowledge of specifications, care, and source of athletic, recreational, entertainment, and musical equipment essential. Should have initiative, organizational ability, and a thorough understanding of and sympathy with the welfare problems of enlisted personnel.

Military experience as a company commander desirable.

Must have considerable experience in coaching one or more major sports and in planning and directing athletic, physical fitness, entertainment, and musical programs.

College training in physical education, and arts and crafts very desirable.

#### SOURCE JOBS

Athletics Director	Arts and Crafts Instructor
Physical Education Instructor	Theatrical Producer
Gymnasium Instructor	Dramatics Instructor
Club Director	Recreation Leader

#### INFORMATION-EDUCATION OFFICER (5004)

Coordinates and supervises orientation education and information activities. Recommends means and methods of dissemination and distribution of orientation and information material, and makes available facilities for presentation of films, exhibits, lectures, group instruction, radio broadcasts, and transcriptions; supervises and cooperates in publication of camp newspapers; conducts Army Orientation Courses; maintains library of current information material; determines and provides for the educational needs of military personnel by planning, organizing, and administering off-duty educational programs of group instruction and individual study, and planning and directing formation of hobby groups. May prepare and select information relative to background, causes and current phases of the war, and to current events. May develop policies in connection with the operation of courses and analyze educational procedures and methods to improve their effectiveness. May arrange for proper distribution of guides to foreign countries. May supervise operation of radio, public address, and carrier installations utilizing War Department radio transcriptions, Army News Service, and special programs.

Should be well acquainted with the facts concerning the causes, issues, and course of the war. Must be able to evaluate quality of material proposed for orientation and information programs and suitability of distribution media such as radio, publications, or motion pictures. Should possess the ability to present views clearly and convincingly.

Military experience as a company commander desirable.

Civilian experience involving promotion of public opinion through various media including news services, motion pictures, and radio, or executive or administrative experience in education, journalism, or law very desirable.

Should be college graduate with specialization in social sciences, education, psychology, journalism, law, or business administration.

#### SOURCE JOBS

News Commentator	High School or College
Lecturer	Instructor
Journalist	Political Scientist
Public Relations Man	Diplomatic and Consular
Advertising Executive	Service Employees
Attorney	

#### MUSIC OFFICER (5240)

Plans and develops musical programs and activities for entertainment of military personnel. Develops and promotes group singing and music appreciation; aids in formation of bands and orchestras; provides for instruction in playing of musical instruments; directs collection of material for musical libraries; arranges for procurement of musical instruments and other musical supplies. May conduct classes in song-leader training. May prepare curricula, training directives, Technical Manuals, and regulations pertinent to musical activities.

Must have broad musical background and be familiar with functions and problems of bands, orchestras, group singing, and other forms of musical activity.

Military experience very desirable.

Must have civilian experience in directing musical programs, teaching music, or directing bands or orchestras.

Should be college or music school graduate.

#### SOURCE JOBS

Band Leader	Music Teacher
Orchestra Leader	Music Director

#### BAND LEADER (5241)

Conducts band and assists in military training of band members. Conducts rehearsals and performances and gives individual instruction; prepares training schedules; selects, purchases, and arranges music, inspects instruments and other equipment, and requisitions instruments and musical supplies; prepares reports of band activities.

Must possess qualities of leadership and administrative ability, and must have ability as a musician. Should be able to arrange orchestrations.

Must have 1 year experience as member of a military band. Graduation from Army Music School desirable.

Must have 1 year civilian experience as leader of a band or orchestra and 2 years music school training.

#### SOURCE JOBS

Band Leader	Bandsman
Orchestra Leader	

#### THEATER MANAGER (5250)

Manages and supervises operations of War Department theaters. Obtains and distributes material for stage production; establishes and administers procedures for sale of tickets, collections, and accounting; supervises publicity arrangements for performances, including dissemination of theater bills and displays; provides for purchase and maintenance of equipment, such as projectors and lighting, heating, ventilating, and air conditioning facilities; inspects equipment to insure that its operation is in accordance with safety regulations; directs maintenance of theater buildings and requests fund allotments for this purpose; supervises activities of personnel, such as projectionists and electricians.

Civilian experience in managing motion-picture theater essential. Should have knowledge of theater equipment, accounting procedures, and methods of selecting and training theater personnel.

#### SOURCE JOBS

Motion Picture Manager	Vaudeville Theater
Traveling Supervisor,	Manager

motion picture theater system

#### THEATRICAL ENTERTAINMENT DIRECTOR (5261)

Develops and presents theatrical programs in camps, posts, or stations. Selects or writes scripts for the production and staging of theatrical programs and directs production; organizes soldier show programs; supervises and instructs personnel in acting, costuming, and stage designing; investigates and selects outside shows and entertainment units for presentation; recommends and advises in matters concerning new or additional theater facilities;

maintains liaison with agencies authorized to provide entertainment for military personnel.

Military experience desirable.

Must have civilian experience in planning, directing, and staging of theatrical programs; must have ability to instruct in fundamental of production, direction, and staging of theatrical presentations, and in preparation and use of stage properties.

Should be college or theatrical school graduate, or have equivalent in practical experience.

#### SOURCE JOBS

Playwright	Dramatics Instructor
Theatrical Producer	Dramatist
Stage Manager	

#### CHAPLAIN (5310)

Conducts religious services. Ministers to the sick, wounded, and imprisoned, and corresponds informally with relatives of ill or deceased; delivers lectures on sex morality and orientation lectures for recruits, and cooperates with entertainment officer in presentation of morale stimulating programs; maintains liaison with community and social welfare organizations, such as American Red Cross, churches, religious and civic groups; advises commanding officer on religious and patriotic observances, and morale questions; secures and distributes religious literature; prepares reports on religious programs and activities.

Attendance at Chaplain's School desirable.

Must have 2 years experience as clergymen and ecclesiastical indorsement by denominational officials or committees organized by the War Department.

Should be graduate of recognized theological school.

#### PUBLICATIONS OFFICER (5400)

Supervises the editing and preparation of military publications. Directs and reviews work of subordinates in the editing and publication of material; organizes news and editorial material and supervises the lay-out of page forms; conducts correspondence and consults with originating offices pertaining to content of material and progress of publication; estimates costs and approves all purchases of printing, engraving, and lithography supplies and equipment. May arrange with the Government Printing Office for printing and delivery of military publications. May arrange for distribution of published material.

Should have military experience in Army organization and administration.

Must have experience in supervising publishing activities.

#### SOURCE JOBS

Magazine or Newspaper Editor	Publications Director Publishing House Manager
Production Manager, printing or advertising firm	

#### PUBLIC RELATIONS OFFICER (5401)

Prepares or supervises the preparation of news releases, special articles, posters, photographs, radio programs, and other informational material. Assembles information concerning military personnel, civilian population, customs, religion, and political affairs, and writes articles of interest, with due regard to public relations policies and procedures; promotes and maintains friendly relations with press representatives and contacts news disseminating agencies to facilitate the publication of material dealing with news events; advises concerning choice, timing, and relative importance of such subjects; reviews and edits news and feature stories; interviews and entertains visitors, and explains policies and regulations.

May hold press conferences on matters pertaining to branch and clear news releases. May handle correspondence relating to inquiries regarding public relations. May cooperate with other units in the control and censorship of publications and radio broadcasting.

Should have extensive knowledge of Army organization and procedures, and of objectives and policies of public relations work. Must have experience in the preparation of publicity or advertising material. Should possess tact, diplomacy, and understanding of social behavior and attitudes.

Military experience desirable.

Experience with public relations department of governmental or private agency in the field of newspaper, radio, or public relations work desirable.

College education in journalism, advertising, or public or business administration, or equivalent in practical training and experience desirable.

#### SOURCE JOBS

News Reporter	Radio Commentator
Advertising Director	Propaganda Analyst
News Editor	Information Specialist
Script Writer	

## **PHOTOGRAPHIC LIAISON OFFICER**

(5402)

Maintains liaison between the War Department and photographic, motion, or still picture companies to explain War Department policies as they relate to the dissemination of information on war aims, programs, and activities through the use of motion pictures. Assists still or motion picture companies in arranging details and securing photographs of Army activities; assists in review of photographs of national war activities and advises on photographic value; supervises personnel in securing factual information and historical data, and in the maintenance of files and records.

Military experience desirable.

Must have considerable experience in selection of still or motion-picture materials for educational and publicity purposes, and should have technical knowledge of photographic presentation.

Graduation from photographic trade school or equivalent in practical experience desirable.

### **SOURCE JOBS**

Picture Editor	Newsreel Editor
News Photographer	

## **PUBLIC RELATIONS OFFICER, MILITARY GOVERNMENT (5403)**

Assembles information and advises civil affairs officer of occupied territory regarding the people, customs, religion, or political affairs or particular areas. Develops public relations policies and coordinates such activities and procedures; promotes and maintains friendly relations with representatives of press, theater, arts, films, radio, and public; and contacts editors, writers, publishers, radio broadcasting and motion-picture companies, and others to facilitate publication of material dealing with current events and timely subjects; cooperates with other units in the control and censorship of publications and radio broadcasting; receives visiting officials and explains policies and regulations. May hold press conferences on matters pertaining to civil affairs and clear news releases. May prepare correspondence dealing with public relations.

Should have knowledge of Army organization and procedures, and objectives and policies of public relations work. Should be thoroughly familiar with background of foreign area concerned. Should possess tact, diplomacy, and understanding of social

behavior and attitudes. Should have knowledge of foreign languages.

Experience in newspaper, radio, or public relations work with governmental or private agencies desirable.

College education in journalism, public administration or sociology, or equivalent in practical experience desirable.

### **SOURCE JOBS**

News Reporter	Radio Commentator
Foreign Correspondent	Propaganda Analyst
Advertising Director	News Editor

## **NEWSPAPER EDITOR (5411)**

Directs and coordinates the editorial work of an Army newspaper staff. Determines and prosecutes the editorial policies of the paper, writes leading and policy editorials, and may conduct feature columns; coordinates the procurement of source material for news items from news agencies, picture agencies, and syndicates, and selects items for publication; revises, prepares, and corrects material for publication; appoints, directs, and supervises the work of news writers; supervises reporters in gathering information and assigns them to various territories; plans the lay-out of news items in editions and instructs copy readers as to space allotment.

Must have civilian experience in reporting and in newspaper or periodical editing.

### **SOURCE JOBS**

Newspaper Editor	War Correspondent
News Reporter	Magazine Editor
Feature Writer	

## **NEWSPAPER MANAGER (5414)**

Directs the publication and distribution of Army newspapers. Arranges collection of funds and manages fiscal matters pertaining to production and circulation of paper; negotiates with printers, engravers, transportation concerns, and Government agencies for procurement of supplies and materials; selects and supervises personnel in circulation of newspaper; handles correspondence, administrative records and reports; maintains contact with Army Exchange Service and Army Postal Office; supervises shipment of newspapers and collection of returns.

Must have experience in managing newspapers or periodicals.

## SOURCE JOBS

Newspaper Manager	Business Manager, news- paper or periodical
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### PUBLICATIONS EDITOR (5420)

Prepares, edits, and revises military publications. Edits material for accuracy and compliance with War Department publication policy; expedites completion of an issue by following up work orders; assists in revision of Army Regulations, Tables of Organization, and manuals; plans lay-out of items in editions, and instructs copy readers as to space allotment; assembles source material for publications from governmental agencies, news services, and other sources; supplies information on methods of preparing material for publication; arranges for printing and binding of publications; supervises the maintenance of accounts and records. May plan distribution methods and procedures.

Military experience desirable.

Civilian experience in editing, printing, or publishing essential.

Should have college education with specialization in journalism or the equivalent in practical experience.

## SOURCE JOBS

Magazine or Newspaper Editor	Manager, advertising agency
Journalist	Manager, publishing house

### EDUCATION OFFICER (5500)

Plans, develops, or directs off-duty or duty time education program for military personnel. Determines and provides for the educational needs of military personnel by planning, organizing, and administering education programs of group instruction and individual study; facilitates the enrollment of eligible military personnel, and distributes education materials relating to courses offered by the United States Armed Forces Institute; arranges for publicity within the command for the education program. May operate branches of the United States Armed Forces Institute. May provide for employment of civilian educational facilities. May requisition books and other educational materials. May select and train instructors. May develop policies in connection with the operation of courses and analyze educational procedures and methods to improve their effectiveness. May conduct field obser-

vations and inspections of educational activities. May direct or conduct educational reconditioning program for convalescents.

Should possess ability to present views clearly and convincingly.

Should have experience in organization and supervision of educational programs.

Post graduate work in field of education or equivalent experience very desirable.

## SOURCE JOBS

High School or College Teacher or Depart- ment Head	School Principal or Headmaster
School Superintendent	School or College Dean

### PUBLIC EDUCATION OFFICER (5503)

Directs and supervises the administration and curricula of institutions of learning, including universities, colleges, and schools in occupied territory; supervises subordinate personnel in education department of governmental units; performs related assignments.

Should possess tact, diplomacy, and understanding of social behavior and attitudes. Must have ability to organize, plan, and supervise educational programs. Knowledge of appropriate foreign language desirable.

Civilian experience in the administration of school system, or education department, or in the organization and supervision of public educational programs essential.

## SOURCE JOBS

University or College President	Division Chief, State Education Department
Superintendent of Schools	or Office of Education
College Dean	

### PHYSICAL TRAINING OFFICER (5521)

Supervises the instruction of military personnel in the planning, direction, organization, and supervision of physical training and physical fitness activities. Supervises subordinates in running obstacle courses for hardening and toughening purposes and schedules the use of these courses by various units; instructs individuals or groups in supervising calisthenics, gymnastics, and corrective exercises for mass participation; initiates surveys, tests, studies, and reports on physical fitness programs; evaluates physical condition of personnel



aloging, shelving, and distribution of books and periodicals; advises on selection of books of special interest to groups or individuals and assists students and others in locating reference material. May recommend purchase of books and magazines for overseas forces, hospitals, transports, and traveling libraries.

Knowledge of Army style of coding and cataloging required. Should have administrative ability.

Military experience essential.

Several years library experience or training in library science very desirable.

#### SOURCE JOBS

Library Assistant

Librarian

#### ATHLETIC DIRECTOR (5661)

Plans and organizes athletic programs and coordinates physical training activities for military personnel. Plans softball, baseball, football, volley ball, and basketball games, and boxing, wrestling, and other sports activities and events; supervises selection, procurement, and distribution of athletic equipment; plans and maintains athletic facilities; arranges for publicity regarding athletic events; sets up schedules for use of athletic equipment and playing fields; interprets playing rules; conducts in-service classes in calisthenics, officiating, and sports skills. May prepare material for use in sports manual and guides. May coach unit athletic teams.

Knowledge of specifications, care, and source of athletic equipment necessary.

Military experience desirable.

Must have experience in coaching one or more major sports and in planning and directing athletic programs in colleges, high schools or clubs, or in sports promotional activities.

College training in physical education very desirable.

#### SOURCE JOBS

Athletic Coach

Physical Education

Athletics Director

Instructor, Skilled

Gymnasium Instructor

Sports Performer

#### INSURANCE INFORMATION OFFICER (5750)

Supervises preparation of or prepares publicity materials pertaining to Government and National Service Life Insurance for military personnel. Prepares information pertaining to Government insur-

ance; assists in formulation of plans and issues instructions on processing of applications for insurance; establishes procedures for dissemination of information; maintains liaison with governmental and civic organizations on insurance matters; adjusts special problems of insurance.

Should have thorough knowledge of Federal regulations pertaining to insurance.

Civilian experience in administration of Government insurance essential.

#### SOURCE JOBS

Insurance Consultant

Insurance Agent

Insurance Executive

#### INSURANCE OFFICER (5751)

Supervises the dissemination of information regarding Government insurance and National Service Life Insurance and processes applications for such insurance. Develops plans, procedures, and instructions for dissemination of insurance information; explains advantages of Government insurance in person or by distribution of informational material and encourages its maximum use by Army personnel.

Should have experience in selling insurance.

#### SOURCE JOBS

Insurance Agent

Insurance Salesman

#### WAR BONDS OFFICER (5752)

Supervises sale of war bonds to military and civilian personnel at Army installations. Develops educational programs to publicize advantage and necessity of purchasing bonds; conducts entertainment programs and contests, and arranges for talks to stimulate bond sales; maintains liaison with finance officers, Treasury Department, and other agencies to coordinate sales efforts and arrange for delivery of bonds; supervises activities of subordinate personnel assisting in bond sales; procures and distributes informative literature; conducts correspondence concerning bond regulations and deliveries; maintains records, graphs, charts, and reports showing status of bond sales.

Experience in sales promotion, advertising, finance, or public relations highly desirable.

#### SOURCE JOBS

Stock Broker

Bond Salesman

## **ARMY EMERGENCY RELIEF OFFICER (5753)**

Administers relief to military personnel and their dependents in cases of distress or hardship. Interviews applicants in need of financial assistance, investigates their circumstances, and makes appropriate recommendations; contacts and cooperates with representatives of American Red Cross; visits installations to assist and instruct military personnel in proper administration of emergency relief program; prepares reports on progress and conditions concerning relief work, and recommends improvements in methods of administering the program.

Considerable experience as social worker or investigator essential.

College training with courses in psychology and sociology or equivalent in practical training essential.

## **PERSONAL AFFAIRS OFFICER (5754)**

Supervises, directs, and coordinates personal affairs program. Interviews military personnel concerning their personal and financial affairs and maintains these affairs in a current status; maintains liaison with appropriate local, State, Federal, and private agencies to insure effectiveness of the personal affairs mission; disseminates information, renders advice, and gives assistance pertinent to the rights and benefits provided to military personnel and their dependents, honorably discharged personnel and their dependents, and beneficiaries and dependents of deceased or missing personnel; maintains records of Personal Affairs action taken and submits reports as required. May administer or assist in the administration of Army Emergency Relief. May prepare and report casualty information.

Must have a thorough knowledge of regulations and policies pertaining to such matters as government and commercial life insurance, allowances and allotments for dependents, war bonds, public records, powers of attorney, wills for military personnel and their dependents, income tax obligations, legal assistance and government benefits, as well as the governmental and nongovernmental agencies having the responsibility for the adjudication of such rights and benefits. Must be reasonably expert in dispensing such information and be adept in guiding and assisting in such matters. Must have ability to meet and deal with people, and should have knowledge and sympathetic understanding of the personal problems of individuals.

Military experience in army organization and ad-

ministration desirable. Completion of a prescribed course of training in personal affairs administration at an Army school or equivalent training and experience essential.

Successful civilian experience in personnel management, industrial or public relations, individual practice of law, life insurance sales, advertising, business management, or investment and banking is highly desirable.

## **PUBLIC WELFARE OFFICER (5900)**

Directs and supervises operation of charitable institutions and organizations in an occupied territory. Provides for the care of the poor or destitute, infants, children and aged; develops plans for feeding and food distribution; supervises performances of duties by subordinate personnel.

Must be able to get along with persons of all types and from all walks of life. Should possess tact, diplomacy, and understanding of social behavior. Knowledge of appropriate foreign language very desirable.

Several years experience in administration of foreign or domestic relief, disaster relief, or food or clothing distribution with a large welfare organization essential.

Should be college graduate with specialization in social welfare or public administration.

## **SOURCE JOBS**

Chief or Principal Officer, private welfare organization

Chief or Principal Officer, governmental welfare agency

## **PUBLIC FINANCE OFFICER (6010)**

Directs and supervises the fiscal administration of governmental agencies of occupied territory. Maintains and supervises control over such functions as the levying and collecting of taxes and customs, disbursements, coinage, currency and foreign exchange; maintains general supervision of banks, stock exchanges, and similar financial institutions; receives and accounts for taxes, contributions, fines, or penalties; audits financial transactions of the military or civil government.

Should possess tact, diplomacy, understanding of social behavior and attitudes, imagination and adaptability. Knowledge of foreign language desirable.

Several years executive experience in public finance, revenue and budget, currency and exchange, banking, accounting, or social insurance essential.

Should be a college graduate or have professional school training in finance.

#### SOURCE JOBS

Public Finance Analyst	Certified Public Accountant
Government Finance Officer	Social Insurance Specialist
Investment Banking Executive	

#### ACCOUNTING OFFICER (6101)

Establishes and directs maintenance of accounting systems and records to control and indicate status of funds. Prescribes and revises accounting methods; supervises investigation, analysis, and auditing of accounts; coordinates fiscal accounting, auditing, or contract provisions with disbursement or procurement agencies; conducts negotiations for contract changes or cancellations. May be charged with disbursement and liquidation of funds.

Must have a thorough understanding of installation and operation of accounting system. Knowledge of Government accounting systems desirable.

Civilian experience in accounting and auditing including cost accounting essential.

Should have college training in business administration.

#### SOURCE JOBS

Auditor	Head Bookkeeper
Certified Public Accountant	Comptroller
Budget Director	

#### EXCHANGE ACCOUNTING OFFICER (6102)

Directs accounting operations of Army exchange and restaurants. Plans accounting procedures; reviews purchase orders and receiving reports; supervises collection, verification, and deposit of money accounts; maintains files and records of financial accounts.

Military experience including completion of Army Exchange School course desirable.

Experience in making audits, inventories, and preparing financial statements of department stores, chain stores, and other establishments very desirable.

College training in accounting desirable.

#### SOURCE JOBS

Accountant	Comptroller
Auditor	

#### ACCOUNTING MACHINE OFFICER

(6103)

Supervises military or civilian personnel in operation of electric accounting machines for the preparation of reports and records. Establishes procedures for the preparation and maintenance of perpetual and status stock records, inventory reports, cost analysis and financial statements; instructs and trains personnel in the operation and maintenance of machines; makes periodic surveys on maintenance of machines and equipment.

Should have thorough understanding of procurement and distribution of supplies and material; must be familiar with the care and operation of various types of electric accounting machines.

Experience in set-up and maintenance of electric accounting machines essential.

Commercial training in business administration and accounting desirable.

#### SOURCE JOBS

Office Manager or Supervisor, Electric Accounting Machine Section
Administrative Officer or Instructor, IBM Corporation

#### AUDITING OFFICER (6110)

Audits fiscal or property records of posts, camps, stations, or other installations. Examines inventories and property vouchers for validity of statements; inspects posting of fiscal data to stock record cards and checks computations and extensions in terms of overages and shortages in property or funds; prepares certificates of audit to indicate condition of accounts for review by senior officers; interprets regulations on fiscal or property accounting and auditing and insures compliance; advises accountable officer of methods to correct discrepancies and irregularities; prepares correspondence on accounting and auditing problems. May check property storage and warehouse facilities.

Must have thorough knowledge of Army regulations pertaining to accounting and auditing and of procedures for fiscal or property accounts.

Experience in auditing operations essential.

Should have college training in business administration.

#### SOURCE JOBS

Accountant	Head Bookkeeper
Auditor	Comptroller

### PRICE ANALYST (6131)

Analyzes price factors and advises on contracts, terms, and effect on prices of manufactured items. Receives comparative price records from procurement districts for use in analyzing cost of manufactured items; confers with contracting officers and obtains information regarding maintenance of comparable price series; evaluates and interprets cost data submitted by manufacturing agencies, or requests cost analysis studies; prepares reports on price differentials and trends between manufactures for renegotiation or adjustment of contracts.

Must have thorough knowledge of cost analysis methods. Must be familiar with manufacturing processes.

Experience in cost analysis and accounting very desirable.

Should have college education in business administration, accounting, and finance, or equivalent experience.

### SOURCE JOBS

Cost Accountant	Auditor
Public Accountant	

### CORPORATE ANALYST (6132)

Examines, digests, and analyzes financial information provided by contractors and reports findings to contract renegotiators. Analyzes operating costs in the manufacture of military items to determine excess profits hidden in cost accounts such as maintenance, depreciation, salaries, and inventories; analyzes capital accounts to determine accuracy of recorded values; studies cost figures and profit margins of corporations in terms of such factors as anticipated risks and comparison of profits with previous operating costs; renders advice, analysis, interpretation, and opinion on contracts to renegotiator and prepares detailed reports covering findings and recommendations as to price adjustment and recovery of accrued profits.

Must have thorough knowledge of accounting and financial statement analysis and be familiar with business administration principles.

Civilian accounting or financial analytical experience essential. Should be Certified Public Accountant.

Should have college training in business administration, accounting, and finance, or equivalent experience.

### SOURCE JOBS

Certified Public Accountant	Investment Analyst
Instructor, Advanced Accounting	Cost Analyst
	Financial Analyst

### FINANCIAL REVIEWER (6133)

Makes critical reviews and analyses of renegotiation reports and agreements of large companies having complex financial and operating structure. Determines whether proposed agreements are equitable and whether reports and financial statements contain sufficient information to support conclusions; initiates necessary action for return of unsatisfactory reports and agreements for correction; assists in preparation of reports and advises on renegotiations.

Must have broad knowledge of financial and corporate business. Must be able to evaluate company efficiency, financial position, and contribution to war effort.

Experience with investment organizations or large industrial companies including analysis of financial conditions and of factors affecting earnings, financial stability, and future operations essential.

Should have college education in business administration, accounting, and finance, or equivalent experience.

### SOURCE JOBS

Financial Analyst	Corporate Analyst
Investment Counselor	Investment Manager
Credit Manager	

### FINANCE OFFICER, ADMINISTRATIVE (6200)

Directs operations of and determines policies for a service command, corps, or army finance office. Formulates, publishes, and issues instructions on technical financial questions and procedures to commanding officers of posts, camps, or stations; appropriates funds; insures compliance with regulations concerning audit of property and sales commissaries; directs auditing of funds; approves allocation of appropriated funds; visits finance offices of subordinate units to investigate procedures; supervises the preparation of fiscal records and reports; interprets law, decisions of comptroller and Army regulations of financial problems; supervises training of military and civilian personnel in finance offices; is responsible for over-all policy-making con-

cerning procedures of the Finance Department within the service command, corps, or army.

Must have a thorough understanding of the technical administration of military finance, banking operations, and Army fiscal regulations.

Military experience essential, including several years as an officer in the Finance Department and completion of a course in Army Finance School.

Experience in the accounting, legal, and fiscal operations of a business organization desirable.

College training in business administration, public finance, and banking essential.

#### SOURCE JOBS

Bank Executive	Corporation Treasurer or President
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#### FINANCE OFFICER, DISBURSING (6201)

Directs the disbursement of Government funds to military and civilian personnel for services rendered and is accountable for all funds. Trains and supervises subordinate officers in technical assignments; advises on technical problems and questions pertaining to Finance Department; reviews and revises reports prepared by subordinate personnel; audits property accounts and supervises checking and verification of all classes of pay vouchers; supervises the issuance of war bonds subscribed by civilian personnel; makes cash or check payments on all approved vouchers and advises subordinates on legality of questionable items; supervises the maintenance of fiscal records for payments made and balances in all funds.

Must be thoroughly familiar with Army regulations concerning disbursement of Government funds and understand general banking operations.

Military experience essential including service in the Finance Department and completion of a course at the Army Finance School.

Civilian experience in the disbursement of public or private funds of a large office very desirable; legal experience also desirable.

#### SOURCE JOBS

Accountant	Treasurer
Auditor	Comptroller
Bank Executive	Credit Manager
Paymaster	

#### FISCAL OFFICER (6301)

Directs allotment of appropriated funds according to estimated expenditures and requests addi-

tional funds if shortages develop. Maintains files of obligating instruments such as pay rolls, orders, and contracts and determines funds to be charged against allotments; prepares and issues monthly and annual reports of obligations and expenditures; maintains fiscal accounting records of various funds and is responsible for audit functions at installation; requests allotment of funds for fiscal periods; prepares and reviews correspondence concerning fiscal matters; supervises installation and operation of fiscal control system and recommends improvements; prepares and issues fiscal reports pertaining to the status of allotments and other fiscal matters; advises the commanding officer and special staff on fiscal matters. May prepare and defend budgetary estimates to cover operations of installation. May have custody of nonappropriated funds.

Must have thorough knowledge of War Department budget and fiscal procedures and pertinent Army regulations.

Military experience essential. Completion of a course at the Army Finance School or equivalent training desirable.

Executive fiscal experience in accounting and auditing for a large corporation or governmental agency desirable.

College training in public finance, statistics, accounting, banking, and budgeting essential.

#### SOURCE JOBS

Accountant	Budget Director
Auditor	Comptroller
Fiscal Official	Treasurer
Statistician	

#### BUDGET AND FISCAL OFFICER (6302)

Advises commanding officer on the development of fiscal policies and provides information on the current status of funds, efficiency of fiscal personnel, and effectiveness of the financial program. Develops and inspects fiscal policies, procedures, and records for compliance with regulations, prescribed standards and instructions; supervises preparation, consolidation, and submission of budgets, and reports which cover fiscal operations; sets up accounts to reflect the status of allotted funds; secures approval for expenditures and determines the availability of funds.

Must have experience in the administration of Army fiscal operations involving policy determination; must be thoroughly familiar with regulations and policies of the Finance Department.

**Experience in accounting or financial management and control essential.**

College training in business administration essential; completion of courses at Army Finance School desirable.

#### SOURCE JOBS

Accountant	Comptroller
Auditor	Treasurer
Manager of financial institution	Budget Director

#### BUDGET OFFICER (6304)

Plans and develops military budget program and interprets budget directives and estimating practices. Conducts and coordinates budget hearings pertaining to military functions, compiles statistical and miscellaneous data, and prepares reports incident to preparation and defense of military budget program; prepares budget estimates for transmission to budget director; assists in review and adjustment of estimated money requirements to assure conformity and to achieve maximum economy; interprets budgetary and fiscal legislation. May direct and coordinate work of program analysts assigned to various arms or services. May allocate appropriated funds to implement approved programs.

Military experience desirable.

Considerable civilian experience in budget estimating and accounting essential.

Should be college graduate with training in business administration.

#### SOURCE JOBS

Accountant	Budget Officer
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#### PAY ROLL OFFICER (6310)

Supervises the periodic preparation and auditing of civilian pay rolls and distributes pay checks and war bonds to civilian employees. Arranges to procure sufficient funds to meet pay roll periods; certifies civilian pay rolls and submits them to disbursing officer for payment; maintains leave, termination, and salary records for civilian employees; certifies as to accuracy, legality, and completeness of the information submitted to disbursing officer for payment and disposition of deductions; reports check cancellations, refunds, and errors so that corrections may be made; prepares reports on employee's tax, liability, bond subscriptions, and retire-

ment contributions. May maintain timekeeping records.

Military experience desirable.

Should have thorough understanding of governmental or commercial pay roll procedures.

Civilian experience in supervision of a large pay system for employees very desirable.

#### SOURCE JOBS

Pay roll officer, industrial or governmental agency

#### STATISTICIAN (6400)

Performs professional statistical work involving the collection, compilation, verification, analysis, and interpretation of statistical data. Conducts special research studies; prepares statistical data in tabular form and reports findings with recommendations; computes various statistical measures to determine trends and comparisons relative to industrial production, strength of personnel, and distribution of equipment; evaluates trends and correlations to determine cause and effect relationships. May direct publication of statistical tables and text.

Must have thorough knowledge of statistical methods and ability to analyze data; should be familiar with various means of preparing data for illustrative purposes.

Experience in statistical and economic analyses very desirable.

College training in business administration, economic statistics, or mathematics essential.

#### SOURCE JOBS

Actuary	Statistician
Economist	Mathematician
Instructor, Statistics or Mathematics	

#### STATISTICAL CONTROL OFFICER (6402)

Supervises the preparation, consolidation, and submission of regular and special statistical reports concerning personnel, training, supply, housing, equipment, and maintenance. Prepares standard reports required by regulations of higher authority at regular intervals, and such other reports as may be directed by commander for special purposes; assembles, summarizes, and analyzes data to assist personnel of the command in planning, decision-making, and control. May conduct liaison with statistical control and machine records units.

Must be familiar with statistical procedures and methods of graphic presentation.

When assigned to units or installations of AAF, compliance with AAF Regulation 20-2 and a thorough knowledge of all directives and regulations pertaining to AAF standard reporting system is required.

Supervisory experience in statistical research or accounting desirable.

College training in statistics, accounting, business administration, or related fields desirable.

#### SOURCE JOBS

Statistician	Machine Records Supervisor
Accountant	
Auditor	

#### STATISTICAL DRAFTSMAN (6403)

Plans and supervises the preparation of statistical charts, maps, and diagrams. Determines methods of reproduction, and plans lay-outs and color combinations for graphs and charts; constructs graphic presentations of statistical data such as personnel strength, distribution of equipment, flow of materials, industrial output, and imports of supplies; determines best methods of diagram reproduction; requisitions supplies for drafting rooms.

Must be familiar with various techniques of graphic presentation. Must be able to use drafting instruments, air brush, and mechanical lettering sets.

Technical training in drafting, statistics, and mathematics very desirable.

#### SOURCE JOBS

Draftsman	Statistical Clerk
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#### ECONOMIC ANALYST (6410)

Conducts studies of raw material requirements, industrial capacities, labor supply, shipping facilities, and other significant economic data as a basis for planning and controlling procurement activities so as to achieve optimum utilization of all resources. Initiates and conducts surveys on national resources such as metals and petroleum, and on shipping, industrial, and construction needs and available facilities; determines productive capacity of manufacturing plants and operations, man and machine hours, and production rates required to produce supplies and equipment; prepares time, functional, and geographic analyses of procurement and distribution problems; determines and evaluates trends indicated

by statistical compilations of economic data; processes information on sources of supply in order to coordinate activities of supply services with reference to industrial materials requirements; analyzes information on shipping capacities and provides Government shipping agencies with data needed for coordination of shipping activities; confers with representatives of Government agencies and industry to determine methods for adjusting materials requirements to industrial capacities and raw material resources and to allocate critical materials between civilian and war production. May prepare reports on labor requirements and labor markets in order to provide for most efficient utilization of labor. May direct preparation of studies and surveys for publication.

Must have thorough knowledge of scientific methods used in compiling and interpreting economic data. Must have ability to analyze, evaluate, and prepare data to show significant trends.

Military experience desirable.

Civilian experience with large industrial company or with Government agency concerned with economic research or economic statistics essential.

College education with specialization in economics, statistics, business administration, or economic geography essential. Graduate work in these fields very desirable.

#### SOURCE JOBS

Economist	Statistician
Industrial Economist	Research Economist
Market Analyst	

#### LABOR MARKET ANALYST (6411)

Assembles, summarizes, and interprets labor market information, and writes reports on findings. Obtains data on anticipated labor requirements through contact with employers, labor unions, and other organizations; develops information based upon products made, type of workers needed, housing, transportation, schools and hospital facilities; interprets data in view of labor laws, recruitment practices, market conditions, and union requirements, and makes recommendations for improvement of procedures; prepares reports and statistical summaries of labor requirements for future periods; confers with employment agencies, housing authorities, training schools, and other agencies concerned with manpower and utilization of labor. May conduct labor market analyses to determine policies on occupational deferment and reemployment.

Must have knowledge of rules and regulations pertaining to wages, hours, and working conditions and understand the operation of training programs and problems of employee relations in industry.

College training in economics, labor relations, or business administration essential.

#### SOURCE JOBS

Labor Economist Public Employment Executive	Employment Manager
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#### STANDARDIZATION ENGINEER (7003)

Formulates standardization policies and programs and establishes appropriate standards for parts, equipment, and matériel. Reviews and coordinates data from laboratories, manufacturers, and other sources; initiates action to assure interchangeability of component parts; is responsible for coordination and standardization of inspection methods and procedures. May represent arm or service in interbranch and interdepartment standardization committees. May initiate action to adapt existing specifications to new standards.

Must have thorough knowledge of design and manufacture of parts and equipment pertinent to field of operation.

Military experience desirable.

Should have extensive professional background and experience in research, design, or manufacture of electrical or mechanical items.

College degree in field of engineering essential.

#### SOURCE JOBS

Electrical Engineer Mechanical Engineer Communications Engineer	Research Engineer Metallurgical Engineer
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#### DIVISION ENGINEER<sup>a</sup> (7004)

Directs engineering construction in a geographic area, district, or division under the jurisdiction of the Corps of Engineers. Reviews recommendations for new construction; supervises river and harbor flood control, and repair and maintenance of military structures; directs real estate, repair, and utilities operations within an area; renders policy decisions and advises engineers on construction matters; coordinates construction operations in area and controls release of equipment and materials; directs con-

struction of fortifications and other military works and installations under direction of military commanders. May arrange with local Government officials for investigations of field surveys.

Should be able to prepare plans and specifications and arrange contracts for the purchase of materials. Should have thorough knowledge of engineering operations, construction work, and surveying. Should have general knowledge of cost accounting and office methods.

Military experience essential.

Administrative experience in engineering construction essential.

Should have college degree in civil engineering or have equivalent practical experience.

#### SOURCE JOBS

Construction Engineer Harbor Improvement Engineer	Civil Engineer Building Contractor
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#### ENGINEER, STAFF (7010)

Advises commander and staff on engineer matters. Prepares plans for use of engineer troops and recommends apportionment of troops to smaller units; determines requirements and directs procurement, storage, and distribution of engineer equipment and supplies, including camouflage materials; directs construction, maintenance, and repair of camps, cantonments, warehouses, hospitals, and other structures; directs installation of roads and trails, means of river crossings, docks, and airfields; maintains supply of fortification materials and directs construction of defensive works not assigned to other troops; directs survey and mapping operations and controls procurement, production, and distribution of maps; directs engineer reconnaissance operations; recommends traffic regulations on roads and bridges; supervises engineer and camouflage activities in subordinate units; develops measures for camouflage of personnel and installations; prepares instructions concerning camouflage, use of camouflage material, and protective coloration of equipment except aircraft; examines captured engineer equipment.

Must have thorough knowledge of all types of military construction and engineering projects. Must be familiar with tactical employment of engineer equipment and troops and be skilled in the art of camouflage.

Military experience as an officer with field engi-

<sup>a</sup>Substitutes appropriate geographical unit designation, such as District Engineer or Area Engineer.

neer units essential; should be a graduate of Command and General Staff School.

College training in civil engineering desirable.

#### SOURCE JOBS

Civil Engineer	Highway and Bridge
Architectural Engineer	Engineer
	General Contractor

#### PUBLIC WORKS AND UTILITIES OFFICER (7020)

Directs and supervises the rehabilitation, maintenance, and operation of public works and utilities in occupied territories. Plans and directs rehabilitation or operation of such facilities as railroads, street railways, airports, highways, harbors, canals, pipelines, power and light facilities, waterworks and sewage systems, and housing and public buildings; supervises subordinate personnel in technical duties.

Must be able to deal effectively with people. Knowledge of foreign languages desirable.

Civilian executive and technical engineering experience in public works and utilities or with air, motor, or rail transportation organization essential.

College training in appropriate field of engineering very desirable.

#### SOURCE JOBS

Railroad Construction	Construction Engineer
Engineer	Sanitation Engineer
Highway Engineer	Public Works Superintendent
Airport Engineer	

#### TECHNICAL SPECIFICATION WRITER (7040)

Prepares technical specifications concerning the physical and chemical characteristics of raw material and fabricated items. Collects technical data obtained from laboratory research, development projects, and pilot plant operations; evaluates such data to determine adequacy for procurement purposes; determines standards of tolerance; edits data into standard specification form; reviews contracts for conformity with specifications; cooperates with inspection officers in adapting inspection techniques to required specifications; revises specifications as new data become available.

Should be familiar with production standards, limitations of prevailing manufacturing techniques, and inspection methods applicable in his field, and be able to interpret drawings and technical data.

Should have experience or training in technical field in which assigned.

College training in technical field in which assigned desirable.

#### SOURCE JOBS

Engineer	Chemist
Physicist	Laboratory Technician

#### PRODUCT DESIGN AND DEVELOPMENT OFFICER (7050)

Supervises or conducts research projects in the design and development of special items to meet field conditions. Conducts studies to develop substitutes for critical materials; supervises testing, investigation, design, and construction of equipment developed for field use; studies data acquired through field tests of various types of equipment and recommends establishment of research projects and adoption of new types; prepares reports and records concerning research and development programs; arranges for procurement of supplies and equipment used in construction and fabrication of pilot models; supervises drafting and specification writing of items of equipment for laboratory, particularly experimental and other special items; controls the assignment of personnel to research problems.

Civilian experience in research and development field essential.

College education with specialized study in designated field very desirable.

#### SOURCE JOBS

Research Engineer, in-	Research Engineer, gov-
ustrial laboratory	ernmental laboratory

#### PHOTOGRAPHIC EQUIPMENT ENGINEER (7052)

Directs or supervises design and maintenance of photographic equipment. Directs engineering operations in maintenance of equipment; prepares specifications and tests equipment to insure compliance with specifications; conducts research concerned with developing new and improved photographic equipment and methods; solves chemical, mechanical, electrical, and optical photographic engineering problems arising in connection with designing equipment or establishing procurement specifications and maintenance standards; supervises maintenance and procurement of necessary parts.

Should have experience in design, manufacture, or repair of cameras, or in manufacture of optical instruments.

Training in mechanical, electrical, or chemical engineering, or equivalent practical experience essential.

#### SOURCE JOBS

Camera Technician	Microfilm Equipment
Photographic Equipment	Repairman
Designer	Photographic Equipment Sales Engineer

#### CONSTRUCTION INSPECTION ENGINEER (7100)

Inspects construction activities and engineering projects to insure compliance with contract requirements. Examines plans, specifications, and contracts, and investigates changes and discrepancies; prepares reports of findings and recommendations.

Must be thoroughly familiar with construction engineering principles, and methods, and have knowledge of contract rules and practices.

Experience in engineering and construction activities essential.

College degree in civil engineering essential.

#### SOURCE JOBS

Civil Engineer	Construction Engineer
Highway Engineer	

#### CONSTRUCTION ESTIMATING ENGINEER (7105)

Prepares or supervises preparation of estimates for construction contracts. Reviews contracts, plans, specifications, and drawings; estimates type and amount of materials, equipment required, cost of various phases of construction, and time needed to complete project; examines claims resulting from construction contracts; checks estimates of contractor; compiles completion reports.

Must have working knowledge of functions, capacities, and productive rates of various types of construction equipment and skilled and unskilled labor. Should have thorough understanding of contracts, specifications, and blueprints.

Civilian experience in construction engineering or surveying essential.

Should have college training in civil engineering or equivalent practical experience.

#### SOURCE JOBS

Construction Engineer	Office Engineer
Civil Engineer	

#### CONSTRUCTION ENGINEER (7110)

Directs and supervises design and construction of light and heavy buildings at Army camps, posts, depots, and similar installations. Prepares specifications for and supervises construction of buildings such as barracks, recreation halls, warehouses, plants and water-front facilities; inspects materials and workmanship of contractors and employees; insures compliance with construction specifications; maintains records and prepares reports pertaining to activities.

Should be thoroughly familiar with architecture and construction of various kinds of buildings.

Military experience desirable.

Civilian experience in construction engineering involving the development of projects and preparation of engineering plans essential.

Must have college training in civil engineering or equivalent practical experience.

#### SOURCE JOBS

Building Contractor	Architectural Engineer
Construction Superintendent	Civil Engineer

#### LANDSCAPE ARCHITECT (7115)

Prepares plans for converting a definite area of land into a unified ornamental development. Draws rough sketches and finished scale drawings locating roads, footpaths, walks, recreation areas, and buildings; inspects sites to study conditions of drainage, top soil, trees, rock formation, existing and proposed buildings, and other factors; fits plans to contour of land and to existing architecture; specifies type and location of trees, shrubs, flowers, and structures; prepares contracts, specifications, and estimates, and assists in the execution of plans and purchase of material; consults with and advises landscape engineers, landscape contractors, landscapers, and landscape gardeners as to workmanship, methods, and material. May assist in camouflaging prominent landscape features when tactical situation warrants such action. May plan and execute local soil erosion control projects.

Civilian experience as landscape architect such as that acquired in National Park Service or United States Forest Service essential.

College training with specialization in landscape architecture very desirable.

#### SOURCE JOBS

Landscape Engineer	Landscape
Landscape Contractor	Landscape Gardener

#### UTILITIES MAINTENANCE OFFICER (7120)

Directs and supervises maintenance and repair of utilities at Army post, camp, station, or military installation. Supervises work of carpenters, painters, plumbers, electricians, and laborers; maintains lighting and power systems, water and sewage plants; refrigeration and gas units and heating plant; supervises repair of tools and machinery needed for construction and maintenance operations; keeps records of maintenance supplies and equipment and prepares periodic reports of activities. May be responsible for grounds and road maintenance, and for maintaining buildings in repair.

Must have knowledge of steam generating plants, water treatment, sewage disposal, and electrical systems. Should be thoroughly familiar with interpretation of blueprints.

Military experience desirable. Should be familiar with Army organization and administration.

Civil administrative experience in civil, mechanical, industrial or electrical engineering, utilities maintenance, or construction work essential.

Should have college training in appropriate fields of engineering or equivalent practical experience.

#### SOURCE JOBS

Civil Engineer	Electrical Engineer
Industrial Engineer	Maintenance Mechanic
Construction Superintendent	

#### POST ENGINEER (7130)

Directs and supervises the construction, maintenance, and repair of utilities, buildings, roads, bridges, water supply, sewage disposal, heating, and ventilation facilities at a post, camp, station, depot, or other military installation. Serves as adviser to the commanding officer on matters pertaining to general post maintenance; makes plans, specifications, and cost estimates of labor and materials for construction and repairs; supervises the requisitions and storage of maintenance supplies and equipment; maintains adequate records and accounts of construction and repair activities.

Must possess administrative ability to organize, direct, and coordinate engineering projects, and to supervise clerical and reporting activities. Must have comprehensive knowledge of engineering practices, such as the construction and maintenance of buildings, roads, water and sewage systems, and lighting and heating facilities.

Military experience desirable.

Civilian experience in construction engineering or management of utilities essential.

College training in civil engineering and architecture desirable.

#### SOURCE JOBS

City Manager	Civil Engineer
City Engineer	Building Contractor
Construction Engineer	

#### HIGHWAY ENGINEER (7140)

Plans, designs, and supervises the construction of streets, roads, highways, and bridges. Makes surveys to determine location of roads and bridges; prepares plans and specifications for adequacy of design and construction; makes field inspections to determine effectiveness of planning and adequacy of materials and equipment available for construction; allocates available road construction equipment; supervises field construction and makes periodic progress reports to unit engineer; makes studies of highway traffic facilities and recommends traffic routings; maintains liaison with engineer supply officers regarding road and bridge materials.

Must be skilled in design and construction of highway systems and bridges and have thorough knowledge of civil engineering practices. Should be familiar with principles of traffic routing.

Military experience desirable.

Experience in the design of highway systems and bridges essential.

Must have college training in civil engineering or equivalent practical experience.

#### SOURCE JOBS

Civil Engineer	Highway Foreman
Planning Engineer	Highway Engineer
Bridge Construction	Road Construction

Engineer

Inspector

#### MARINE MAINTENANCE AND REPAIR ENGINEER (7200)

Plans and supervises the maintenance, repair, and conversion of mechanical and electrical machinery

and equipment of Army transport vessels and auxiliary craft. Inspects boilers, engines, turbines, pumps, fans, and other electrical or mechanical equipment, and analyzes faulty operations; prepares specifications and designs for conversion or repair of equipment; reviews repair work of outside contractors for quality of materials, workmanship, and conformance with requirements; prepares reports with recommendations for improvement in maintenance procedures; coordinates work of marine engineers and skilled mechanics working on specialized projects.

Must have knowledge of marine mechanical engineering practices, and design of marine power plants, ventilating machinery, boilers, and mechanical equipment.

Marine engineering experience essential.

Should have college training in marine or mechanical engineering.

#### SOURCE JOBS

Marine Engineer	Electrical Engineer
Mechanical Engineer	

#### MARINE DESIGN ENGINEER (7201)

Prepares or supervises preparation of preliminary designs, finished working drawings, and specifications for repair of vessels and other marine equipment, or plans engineering operations necessary for the conversion of vessels into Army transports. Makes inspections of vessels in connection with proper arming and degaussing operations; coordinates the work of employees engaged in technical or clerical activities, supervises the maintenance of files and records of engineering information, and prepares special and periodic reports relative to operations; consults with officers or technicians in matters where a specialized knowledge of marine design is required.

Must have technical knowledge of structural marine design, and knowledge of the maintenance, repair, arming, and degaussing of vessels; must be able to formulate drafting room procedures and direct the work of a large number of subordinates.

Must have responsible administrative and technical experience in structural marine design.

Should be college graduate with specialization in marine engineering or equivalent in practical experience.

#### SOURCE JOBS

Marine Architect	Marine Engineer
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#### PORT MARINE ENGINEER (7210)

Directs or supervises maintenance and repair of vessels and marine equipment at a port. Inspects vessels to determine extent of repairs or renovations to hulls, superstructures, power plant, and equipment and directs preparation of working drawings and specifications; inspects marine, mechanical, electrical, and ventilating machinery and equipment, and recommends appropriate repairs; coordinates work and inspection procedures for speed and accuracy of repairs; maintains files and records of activities and prepares reports. May consult with port officers on repair problems requiring specialized knowledge.

Must have broad knowledge of marine design, repairshop practices, and drydock operations. Must be able to formulate and establish operational procedures. Administrative and technical experience in construction and maintenance of vessels and marine equipment essential.

Should be college graduate with specialization in civil, mechanical, or marine engineering, or have equivalent practical experience.

#### SOURCE JOBS

Marine Engineer	Marine Inspector
Naval Architect	Ship Repair and Main-
Drydock Superintendent	tenance Superintendent
Ship Yard Superin-	
tendent	

#### SHIP MAINTENANCE AND REPAIR OFFICER (7211)

Plans and supervises the maintenance and repair of vessels, other than mechanical and electrical equipment. Inspects vessels to determine extent and nature of repairs to hulls and superstructure and prepares working drawings and specifications; inspects repair operations to determine quality of materials, workmanship, and conformance with requirements; coordinates shop and inspection procedures to insure serviceable condition of vessels and equipment; arranges for docking of vessels for underwater repairs; maintains records and files of operations performed by outside contractors or Army maintenance shops; requisitions supplies for repairs; directs the conversion of cargo ships to troop transports.

Must have thorough knowledge of marine design and shop practices. Must be familiar with the maintenance, repair, and conversion of vessels, miscel-

lanous craft, and marine equipment. Must have ability to supervise work of skilled carpenters, mechanics, and other marine repairmen.

Civilian experience in the building, maintenance, and repair of ships essential.

College training in marine architecture desirable.

#### SOURCE JOBS

Marine Architect	Marine Engineer
Shipbuilding Foreman	Shipyard Superintendent

#### MARINE INSPECTOR (7212)

Investigates and determines nature and extent of repairs necessary to maintain vessels and marine equipment in efficient operation. Determines extent, difficulty, and importance of repairs, and schedules work; requisitions and arranges for deliveries of materials; inspects quality of materials and workmanship and conformance with specifications; supervises maintenance of files and records; prepares reports of findings and operations.

Must have knowledge of marine design and equipment, ship repairs, and drydock operations.

Experience in the repair and inspection of vessels of various sizes essential.

College training in marine engineering or architecture desirable.

#### SOURCE JOBS

Marine Engineer	Marine Architect
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#### AMPHIBIAN ENGINEER BASE SHOP COMMANDER (7214)

Commands an amphibian engineer base shop composed of power plant repair, hull repair, salvage and dockage, and depot units. Directs maintenance and repair of power plants, amphibian boats, and equipment such as maintenance and repair of electric and Diesel engines, radios, and wood and steel hulls; directs construction, maintenance, and repair of docking facilities; directs operations involving salvage of amphibian boats and equipment; directs depot facilities and storage and issuance of amphibian engineer supplies and equipment; conducts periodic inspections of units and coordinates work of organization.

Must have thorough knowledge of power plant and amphibian boat maintenance and repair. Must be familiar with dock construction and repair and be able to direct and coordinate work of ship carpenters, riggers, salvage masters, structural steel work-

ers, pump operators, motorboat operators, electric and Diesel engine mechanics, radio repairmen, blacksmiths, caulkers, machinists, stock and supply clerks, and storekeepers.

Military experience essential, should have completed engineer officer courses with specialized training in amphibian boat maintenance and repair.

Supervisory experience in building, repair, and salvage of small boats and marine equipment desirable.

#### SOURCE JOBS

Boat Builder	Marine Salvage Master
Drydock Superintendent	

#### POWER PLANT AND RADIO REPAIR OFFICER (7215)

Directs and supervises the maintenance and major repair of marine motors, propellers, and radio equipment. Inspects equipment, studies and analyzes difficulties, and determines repair work needed; instructs personnel in the technical phases of the work and makes assignments; maintains an adequate supply of spare parts, fuel, and other items; is responsible for salvage, fire prevention, and safety precautions; supervises administration, training, and supply of unit.

Must have thorough knowledge of marine gasoline and Diesel motor maintenance, propellers, and radio repair.

Military experience with some knowledge of Army organization and administration desirable.

Experience in machine-shop operation and practice essential.

#### SOURCE JOBS

Diesel Mechanic	Machine Shop Foreman
Automotive Mechanic	Motor Boat Mechanic

#### HULL REPAIR AND SALVAGE OFFICER (7216)

Directs and supervises the maintenance, repair, and salvage of hulls of small craft. Makes preliminary inspections of boats to ascertain the extent of repairs or renovations required and directs the preparation of working drawings and specifications; makes frequent inspections during repair operations to determine quality of materials, workmanship, and conformance with requirements; coordinates shop and inspection procedures; arranges for docking of vessels for underwater repair; su-

pervises reclamation of hulls; supervises the maintenance of records; requisitions and procures supplies and materials; supervises administration, training, and supply of unit.

Must have knowledge of shop practices and marine design of small boats.

Military experience desirable.

Experience in a supervisory or executive capacity concerned with the building, maintenance, and repair of small craft essential.

#### SOURCE JOBS

Drydock Superintendent	Yacht Builder
Shipfitter Foreman	Motor Boat Builder

#### SALVAGE AND DOCKAGE OFFICER (7217)

Supervises operations of a salvage unit in transporting damaged small boats and equipment to base repair shop. Investigates and determines whether boats can be salvaged; supervises use of diving equipment and operation of marine equipment for removal of vessels from water to drydock; maintains navigation and piloting charts of open waters in which operations take place; makes periodic inspections of equipment, rigging, and materials and enforces safety regulations; trains unit in use of diving and marine equipment and is responsible for its administration and supply.

Must have working knowledge of navigation and piloting, and be familiar with operation of marine equipment such as tugs, tank lighters, barges, cranes, diving and grappling equipment, floating docks, and air compressors.

Military experience desirable.

Should have civilian experience in marine salvage, barge towing, shoring, and drydock construction.

#### SOURCE JOBS

Marine Salvage Supervisor	Drydock Superintendent
	Tugboat Master

#### BOAT SALVAGE OFFICER (7218)

Supervises operations of salvage unit in salvaging and moving disabled boats to repair docks. Investigates and decides whether boats are worth salvaging or can be salvaged; supervises operation of tugs, cranes, lighters, and diving equipment, and is responsible for moving boats to repair base; trains crews in operations and safety precautions.

Must have thorough working knowledge of sea-

going tugs, barge and crane operation, heavy salvage equipment and machinery, diving operations, navigation, and piloting.

Military experience desirable.

Civilian experience in salvage operations essential.

#### SOURCE JOBS

Marine Salvage Engineer	Tugboat Master
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#### DOCKAGE OFFICER (7219)

Supervises removal of boats from water for inspection, cleaning, and repair operations. Instructs personnel in operation and maintenance of heavy salvage equipment, such as cranes, barges, floating drydock, and air compressors; supervises drydock operations and maintenance; enforces safety regulations.

Must have thorough knowledge of rigging, dock operations, and marine equipment operation and maintenance.

Military training desirable.

Civilian experience in drydock operations essential.

#### SOURCE JOBS

Drydock Foreman	Dockman
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#### MARINE ENGINE REPAIR OFFICER (7221)

Supervises installation, maintenance, and repair of marine engines. Inspects equipment and motors and determines repairs necessary for reconditioning; supervises installation and overhauling of marine Diesel and gasoline engines; inspects work done for workmanship and conformance with instructions; prepares reports of operations and makes recommendations for improvement in methods and techniques. May instruct classes in repair of Diesel and gasoline marine engines.

Should have thorough understanding of marine engine construction and operation and be familiar with gearing and drive functions.

Military experience desirable. Should have completed marine engine maintenance course.

Civilian experience in maintenance and repair of marine engines very desirable.

#### SOURCE JOBS

Marine Engine Mechanic	Diesel Mechanic
Automotive Mechanic	

## DIESEL ENGINE REPAIR OFFICER (7222)

Supervises installation, maintenance, and repair of Diesel engines, except marine and locomotive Diesel engines. Inspects equipment and motors, determines malfunctioning of operation, and recommends repairs or servicing necessary; inspects work done by outside contractors for quality of materials and workmanship and for conformance with requirements and specifications; installs new motors and parts; prepares reports of operations and makes recommendations for improvement in methods and techniques. May instruct classes in repair of Diesel engines.

Should have thorough understanding of Diesel engine theory and operation.

Military experience desirable. Should have completed Diesel engineering school course.

Civilian experience in maintenance and repair of Diesel motors very desirable.

### SOURCE JOBS

Automotive Mechanic  
Marine Engine Mechanic

Diesel Mechanic

## PORT AND DOCK ENGINEER (7240)

Supervises design, construction, and repair of piers and heavy marine structures in connection with the construction or rehabilitation of port facilities. Supervises design and lay-out of marine structures, piers, warehouses, docks, and wharves; prepares specifications and procures materials and equipment; directs port engineering work and inspects completed assignments; supervises preparation of correspondence and reports concerning operations of organization.

Must have extensive knowledge of design and construction of docks, piers, bulkheads, and marine warehouses, and of submarine work and dredging. Must possess administrative ability to coordinate marine construction projects.

Civilian experience in designing and constructing marine structures essential.

Should be college graduate with specialization in civil or marine engineering or equivalent practical experience.

### SOURCE JOBS

Civil Engineer  
Pier Superintendent

Building Contractor

## SUBMARINE DIVER FOREMAN (7242)

Directs operations of submarine divers in the con-

struction or rehabilitation of seaport marine structures. Supervises diving and underwater operations, including pressure chamber work, in connection with the repair of piers, docks, marine warehouses, and other water front loading facilities; is responsible for the maintenance and repair of diving equipment; requisitions and procures supplies; maintains records and prepares progress reports.

Must be qualified submarine diver and be skilled in underwater repair construction and maintenance techniques, including submarine welding and pressure chamber work. Must possess considerable supervisory ability to direct diving operations and coordinate the work of a crew of divers.

Military experience desirable.

Civilian experience in diving and in supervising submarine divers essential.

### SOURCE JOBS

Submarine Diver

Submarine Diver, Foreman

## CHEMICAL ENGINEER (7300)

Plans and develops plant processes for the manufacture of chemical compounds for use in chemical warfare and performs experimental research. Designs equipment to fill chemical munitions with toxic gases; supervises operation and maintenance of manufacturing plans in the production of powders and explosives; supervises packing and shipping operations; maintains records and prepares reports on plant operations.

Must have knowledge of chemical and engineering principles applicable to assignment.

Military experience desirable.

Civilian experience in the development and production of chemical products desirable.

College training in chemical engineering essential.

### SOURCE JOBS

Chemical Engineer

Industrial Chemist

## AMMUNITION RENOVATING OFFICER (7303)

Directs the inspection, repair, and renovation of unserviceable ammunition. Supervises removal of explosive charges from various types of ammunition and arranges for its disposal; establishes the types and extent of machine operations to make various shell cases serviceable for charges; determines extent of renovations; maintains liaison with units recovering damaged and field ammunition to

arrange transportation of ammunition to points of renovation; returns renovated products and components to proper organizations. May direct the renovation or disposal of various types of ammunition rejected by a field unit.

Must have thorough knowledge of ammunition production including renovation of artillery ammunition cases, machine-shop operations, placing of charges within the projectile and cases, and safety factors. Must be familiar with all phases of ammunition, such as fuzes, projectiles, and projectile cases. Should be familiar with types of enemy ammunition.

Military experience including completion of a course in ammunition essential.

Experience in ordnance or ammunition production plants essential.

College training in mechanical or chemical engineering desirable.

#### SOURCE JOBS

Mechanical Engineer

Chemical Engineer

#### CHEMICAL RESEARCH ENGINEER (7310)

Conducts chemical and physical tests of friendly and enemy chemical equipment and chemical agents. Supervises analysis of chemical composition of compounds and mixtures; conducts field investigations for the identification and neutralization of chemical agents and weapons employed by the enemy; studies technical problems in connection with chemical operations, such as examination and testing of gas masks, protective clothing, and other equipment, and development of new decontamination methods; prepares reports on findings. May recommend methods of purifying water with chemical agents.

Must have thorough knowledge of chemical analysis.

Military training essential.

Civilian experience in the field of chemistry essential.

College education with a major in chemistry, or chemical engineering, or equivalent training of experience essential.

#### SOURCE JOBS

Chemical Engineer

Industrial Chemist

Analytical Chemist

Research Chemist

#### PHYSICIST (7312)

Conducts or supervises research and testing ac-

tivities in such phases of physical phenomena as mechanics, heat, and liquid and pneumatic pressure. Tests strengths and physical properties of materials used and applies results of experiments to solution of problems; cooperates closely with chemical analysts in same service; reports findings to commanding officer.

Must be thoroughly familiar with all phases of practical physics and mechanics.

Military experience essential.

Laboratory or practical experience in physics or mechanics essential.

Should be college graduate with specialization in physics or mechanics, or have equivalent experience.

#### SOURCE JOBS

Physicist

Mechanical Engineer

#### BARRAGE BALLOON GAS SERVICE OFFICER (7313)

Advises barrage balloon commander and staff on matters pertaining to gas and supervises procurement, preparation, and distribution of gas used to inflate balloons. Establishes, maintains, and operates a hydrogen generating plant, or a helium purification plant, or both as the occasion may demand; controls distribution of gas to balloons in unit; supervises maintenance of materials and supplies; maintains and stores gas cylinders; makes aero-static calculations and determines proper volume of gas needed for initial inflation of balloons; supervises and coordinates training of gas personnel.

Must have thorough knowledge of methods of conducting various tests of gas for hydrogen purity. Must be able to supervise gas workers in reading, inspecting, and adjusting manometers, inspecting and adjusting gas and air valves, and handling hydrogen.

Military experience essential with specialized knowledge of gas, gas producing and compressing apparatus, and graduation from coast artillery officer school.

Civilian experience with gas or gas producing and compressing apparatus desirable.

College education in chemistry or physics desirable.

#### CHEMICAL OFFICER (7314)

Supervises chemical warfare activities and advises commander and staff on chemical matters, including use of chemicals by various arms. Prepares

plans for use of chemical troops and recommends allotments to subordinate units; supervises and inspects chemical training; supervises protective measures such as gasproofing of inclosures and decontamination of gassed areas, equipment, and vehicles; examines captured chemical equipment and evaluates information concerning means and methods of utilization of chemicals by enemy and friendly troops; determines requirements and procures, inspects, and distributes chemical equipment and supplies for all units; directs operation of chemical storage, maintenance, and repair facilities.

Must have thorough knowledge of chemical warfare tactics, equipment, and supplies, and be familiar with weather observation and forecasting in connection with chemical warfare operations.

Military experience in chemical warfare operations, including graduation from chemical warfare officer school essential.

Civilian administrative experience desirable.

Should have college education with specialization in chemistry or chemical engineering, or equivalent practical experience.

#### SOURCE JOBS

Chemical Plant Manager  
Chemist

Chemical Engineer

#### TOXICOLOGIST (7316)

Examines water, chemical, and drug samples for toxicity and physiological action, and supervises enlisted and civilian technicians in conduct of similar examinations. Instructs officers and enlisted students in toxicological and biochemical laboratory procedures; records effects and composition of samples tested, identifying samples through interpretation of effect or reaction; prepares reports of activities and findings.

Must have biochemical laboratory experience.

Must be graduate of an accredited college or university with specialized training in biochemistry, toxicology, and related subjects.

#### SOURCE JOBS

Toxicologist

Biochemist

#### METALLURGIST (7317)

Analyzes ores and extracted metals to determine their properties. Advises concerning industrial processing, treating, and alloying of ores or metals by smelting, amalgamation, electrolytic refining, rolling,

and heat treating; investigates melting of metals, their suitability for use, and resistance to corrosion; studies mineral constituents and association of ore for metal recovery; compiles data in report form. May conduct research projects in field of metallurgy. May procure metals, compute their value, and determine their use.

Civilian experience in metallurgy very desirable.

College training in metallurgy essential.

#### SOURCE JOBS

Metallurgical Engineer

Hardness Inspector

Mining Engineer

Hardness Tester

Metallurgical Inspector

#### ORGANIC CHEMIST (7318)

Plans and supervises chemical research to develop or analyze chemical compounds. Works on problems involving a technical knowledge of microchemistry; reviews technical reports; evaluates, edits, and prepares reports; acts as adviser on micro-analytical methods.

Civilian experience in general chemical plants specializing in organic chemistry essential.

College training with specialization in chemistry or chemical engineering essential.

#### SOURCE JOBS

Chemist

Research Chemist

Organic Chemist

Chemical Engineer

#### MUNITIONS PRODUCTION OFFICER (7320)

Directs and coordinates activities of manufacturing plants engaged in production of munitions. Supervises purchase of supplies, materials, and equipment; establishes operating procedures for production, storage, and shipment of munitions; is responsible for maintenance of production schedules and quality of product; is responsible for administrative and personnel activities; maintains production records and prepares periodic reports.

Must have considerable knowledge of matters pertaining to production of munitions.

Military experience essential. Must be thoroughly familiar with Army organization and procedures.

Should have extensive executive experience in manufacture of munitions.

Should have college training in engineering or business administration, or equivalent practical experience.

### SOURCE JOBS

Chemical Engineer	Plant Superintendent,
Industrial Engineer	munitions

### CHEMICAL MUNITIONS INSPECTOR (7321)

Inspects chemical warfare supplies and equipment in accordance with requirements of specifications and standards. Surveys manufacturing processes to determine efficiency of operation and quality of materials; reviews plans and specifications; develops methods and apparatus to test and inspect materials; prepares periodic reports; supervises maintenance of records and files; specializes in one of the general departments of chemical warfare such as incendiaries, mustard gas filling, chlorine, 4.2-inch mortar assembly, bomb section loading and filling, clothing renovation, or gas mask manufacture.

Must understand methods of product inspection and be able to interpret plans, formulas, and specifications.

Civilian experience in manufacture of chemicals, munitions, and explosives desirable.

College training in chemistry, chemical engineering, or mechanical engineering desirable.

### SOURCE JOBS

Chemist	Inspector, chemicals or munitions
Chemical Engineer	Foreman, chemicals or munitions
Mechanical Engineer	
Inspector, machinery assembly	

### GAS MASK INSPECTION OFFICER (7322)

Supervises the inspection of gas masks in a chemical warfare service manufacturing plant. Develops new methods to improve manufacturing quality of gas masks and gas protective equipment; trains new employees in standard inspection methods; recommends changes in manufacturing procedures and procurement methods to improve standards of quality; inspects all gas masks to insure that they are in serviceable condition; prepares periodic reports.

Must have knowledge of modern inspection methods, and phases of manufacturing of gas masks and gas protective equipment. Must be familiar with care and handling of rubber.

Civilian experience in inspection of manufactured products, especially rubber products, very desirable.

### SOURCE JOBS

Rubber Goods Inspector	Chemical Engineer
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### BALLISTICS OFFICER (7342)

Advises on problems concerning ballistic performance of ammunition such as muzzle fire, pressure, hang-fire, accuracy function and casualty performance of ammunition.

Must have thorough knowledge of instruments and gauges used in checking ammunition. Must have considerable knowledge of weapons and ammunition and their ballistic performance. Must know physical and chemical properties of ammunition and be able to analyze acids, pyro-cotton, smokeless powder, and nitroglycerin.

Must have experience in analytical chemistry and ballistics engineering involving experimental research on propellance, ammunition, and weapons.

Should have college education with special training in chemistry and physics.

### SOURCE JOBS

Explosives Production Manager	Ballistics Engineer
	Analytical Chemist

### CHEMICAL MUNITIONS DEVELOPMENT OFFICER (7360)

Develops and designs new types of chemical warfare munitions and accessory equipment. Develops and supervises experiments to improve fuzes, gas filling methods, pyrotechnics, mortars, bomb throwers, gas masks, and other chemical weapons and protective equipment; designs jigs, loading and charging tools, and other special equipment for mass production of chemical munitions; reviews performance reports to recommend changes in design of munitions for increased efficiency of operations.

Must have knowledge of construction and design of chemical munitions and methods of research.

Military experience desirable.

Civilian experience in development and designs of mechanical equipment desirable.

College training in mechanical, electrical, or chemical engineering very desirable.

### SOURCE JOBS

Mechanical Engineer	Electrical Engineer
Chemical Engineer	

### BOILER WATER TREATMENT OFFICER (7380)

Makes chemical tests of water for mineral content and determines the amount of chemicals to be

added to make it suitable for use in a given industry such as railroading or manufacturing. Prescribes periodic chemical tests and treatments for boiler water to prevent accumulation of scale and sludge in boilers, boiler tubes, and pipes; prescribes boiler cleaning methods; directs supervision and maintenance of appropriate laboratory facilities and supplies and compilation of analytical reports.

Must be skilled in chemical analysis of water for industrial use, particularly as applied to boiler systems.

Completion of college courses in inorganic chemistry essential.

#### SOURCE JOBS

Chemical Engineer	Supervisor of Water Service, railway
Inorganic Chemist	
Chemical Laboratory	
Technician	

#### OIL REFINING ENGINEER (7390)

Supervises the construction, operation, repair, and maintenance of petroleum refineries and facilities. Confers with other engineers in rebuilding and rehabilitation of oil refineries and construction of new stills, cracking towers, and collection tanks; makes chemical, specific gravity, and color tests to determine whether treatment of oil is being carried out properly; provides for collection and refining of byproducts.

Must have knowledge of refinery operations including the preparation and cracking of high test and aviation gasoline.

Supervisory or engineering experience in construction, operation, and maintenance of refineries essential.

Should have college training in chemical engineering.

#### SOURCE JOBS

Petroleum Engineer	Mechanical Engineer
Oil Refinery Maintenance	Chemical Engineer
Engineer	

#### FUEL RESEARCH ENGINEER (7391)

Supervises chemists and technicians in development of fuels and lubricants for use with automotive and power equipment under extreme temperature conditions. Supervises planning of special research tests; prepares specifications for fuel and lubricants.

Must have G-2 clearance.

Military experience desirable. Should have completed Motor Transport Course at officer candidate school, or have equivalent practical experience.

Research or laboratory testing experience in petroleum industry essential.

College training in chemical or petroleum engineering desirable.

#### SOURCE JOBS

Chemical Engineer	Fuel Research
Research Chemist	Engineer
Petroleum Engineer	Analytical Chemist

#### PRODUCTION MANAGER (7415)

Directs and supervises operations of a Government owned or operated plant or group of plants engaged in processing Army matériel. Supervises civilian and military personnel and is responsible for performance of their duties; supervises receipt, inspection, and storage of incoming materials; regulates flow of "in" materials into the process; coordinates various phases of the production process to meet production schedules; controls standardization of product in accordance with specifications by supervising inspection operations throughout the process; regulates flow of finished product into storage and provides for proper packing, handling, and storage maintenance; supervises order filling, loading, and shipping operations; supervises preparation and maintenance of reports and records on labor, materials, equipment, and production.

Must have good knowledge of manufacturing processes concerned with production of war matériel.

Civilian experience in field of production management for industrial manufacturing plants very desirable.

Should have college training in appropriate field of engineering or equivalent practical experience.

#### SOURCE JOBS

Plant Manager	Industrial Engineer
Mechanical Engineer	Electrical Engineer
Chemical Engineer	

#### PRODUCTION EXPEDITER (7416)

Coordinates and expedites manufacturing activities and processes pertaining to production of military supplies and equipment. Supervises maintenance of production records pertaining to routing

and follow-up of parts and materials; follows progress of manufacturing processes by referring to progress charts and by contacts with production supervisor; determines causes for production lags and makes recommendations for their elimination; coordinates activities with operating and planning units to insure efficient and expeditious movement of materials into and out of the production process. May supervise and instruct production expediting personnel. May arrange for distribution of materials within a plant.

Must have knowledge of production control and supply problems. Should be familiar with methods and principles involved in lay-out of production line.

College training in industrial engineering desirable.

#### SOURCE JOBS

Plant Foreman	Production Control
Production Expediter	Clerk

#### INDUSTRIAL ENGINEER (7421)

Directs or supervises planning and production methods in an industrial organization. Consults with and advises engineers in design of new equipment, in plant lay-outs, and in improving and revising present equipment and lay-outs; directs preparation of specifications for new machinery; supervises performance tests for new machinery to insure compliance with specifications; plans flow of work through plant; directs time and production studies; uses time and production studies to determine production efficiency and as basis for insuring maximum production; directs planning of plant facilities to increase efficiency of workers; recommends wage scales, piece rates, and bonus plans; promotes safety campaigns to reduce industrial accidents.

Must have a thorough knowledge of industrial plant operations and design of plant machinery. Must be able to plan and direct work of others.

Civilian experience in plant or factory operation or industrial engineering essential.

College training in industrial or mechanical engineering essential.

#### SOURCE JOBS

Industrial Research Engineer	Plant Engineer
Mechanical Engineer	Production Engineer Safety Engineer

#### SAFETY OFFICER (7422)

Inspects installations and facilities for the existence of hazards endangering life and property. Studies facility areas, activities, machinery installations, equipment, training instructions and procedures; makes recommendations for accident prevention; investigates accidents and collects data required for proper accident analysis; makes recommendations to correct or eliminate causes and conducts or arranges for educational programs and meetings for the purpose of instructing personnel in recognition of existing hazards and creating safety consciousness; investigates and studies operating efficiency of subsidiary activities and programs, practicability of existing instructions and performances under existing policies and instructions. May organize and operate installation or facility safety programs or may direct the safety activities of major army units. May prepare and coordinate general policies and instruction relative to the organization and operation of such programs; maintains liaison with arms and services and other governmental and civilian agencies interested in safety activities.

Must have thorough knowledge of War Department policies and procedures pertaining to safety activities. Should be familiar with industrial processes, production methods and management policies, military training requirements and methods, and hazards inherent thereto.

Should have college training in industrial or other appropriate field of engineering or technical training in accident prevention, public safety or safety engineering.

#### INDUSTRIAL HYGIENIST (7430)

Assists in establishing a system of principles or rules for the promotion of health among industrial workers. Inspects industrial environment of arsenals, depots, and other plants for industrial health hazards; evaluates conditions and recommends corrective measures to promote sanitation and health; determines ventilation adequacy and requirements; makes analyses of and evaluates mists, vapors, dusts, gases, and materials to determine health hazards and to recommend appropriate control measures; recommends selection, procurement, and maintenance of protective devices such as respirators, masks, gloves, goggles, and clothing.

Must have at least 2 years' appropriate experience in industrial hygiene engineering work.

Must be graduate of approved college or uni-

versity, with major in mechanical, chemical, industrial, or ventilating engineering. Post graduate work in these fields desirable.

#### MECHANICAL ENGINEER (7500)

Directs or supervises mechanical engineering activities concerned with mechanical or industrial equipment. Designs or assists in the designing of and prepares plans and specifications for tools, internal combustion or steam engines, machines, machine tools, and other specialized or allied mechanical and industrial equipment; instructs and supervises activities of personnel of drafting section in lay-out and preparation of work drawings; supervises maintenance of project records and reports. May assist in lay-out of production equipment for industrial plants and in general maintenance of machinery and equipment.

Must have thorough knowledge of principles of mechanical engineering and ability to perform professional work in field of specialization.

Military experience desirable.

Should have practical experience in responsible mechanical engineering work.

Should have college degree in mechanical engineering or equivalent practical experience.

#### SOURCE JOBS

Mechanical Engineer  
Master Mechanic

Mechanical Designer

#### INSPECTION ENGINEER (7501)

Performs or supervises inspectional work requiring professional mechanical engineering skill. Inspects the installation of various types of mechanical equipment in buildings, shops, and similar structures; designs calipers, gauges and other tools and instruments for use in inspection work; inspects and adjusts weighing and measuring devices and other instruments; inspects heating and plumbing installations and steam and internal combustion engines; prepares inspection reports with recommendations for improvement. May inspect fine precision instruments.

Must have knowledge of mechanical engineering and skill in use of instruments and apparatus normally used in making inspection.

Experience in inspection, manufacture, or maintenance of mechanical equipment desirable.

College training in mechanical engineering or equivalent experience essential.

#### SOURCE JOBS

Mechanical Engineer	Specification Writer, mechanical equipment
Mechanical Inspector	
Mechanical Maintenance Engineer	

#### AIR CONDITIONING AND REFRIGERATION ENGINEER (7502)

Directs or supervises the construction, installation, operation, and maintenance of refrigeration and air conditioning plants and equipment. Prepares estimates and detailed plans for installation of refrigeration and air conditioning plants and equipment; supervises installation, operation, and maintenance of electric motors and pumps, brine compressors, ammonia water filters, coolers, and other air conditioning or refrigeration equipment used in production of ice and refrigerants; periodically inspects plant equipment to determine condition and compliance with maintenance regulations; examines temperature records and determines mechanical adjustments necessary to produce desired temperatures; instructs and supervises personnel in repair of equipment; supervises preparation of reports and records. May assist post engineer in other mechanical engineering activities.

Must have thorough knowledge of engineering principles of refrigeration and air conditioning. Must have thorough knowledge of operation and maintenance of refrigeration and air conditioning equipment. Should be familiar with all types of refrigerants.

Civilian experience in design and manufacture of air conditioning and refrigeration equipment desirable.

College or advanced technical school training in refrigeration and air conditioning engineering essential.

#### SOURCE JOBS

Refrigeration Engineer	Mechanical Engineer
Air Conditioning Engineer	

#### HEATING AND VENTILATING ENGINEER (7503)

Supervises construction and maintenance of heating and ventilating facilities and equipment. Inspects completed and occupied buildings to obtain information for remodeling heating and ventilating systems; prepares lay-outs and detailed plans of

heating and ventilating systems; makes calculations of heat losses, radiator requirements, sizes of piping, or other similar calculations; supervises installation, operation, repair, and maintenance of boilers, radiators, pipes, ventilators, ducts, motors, and other heating and ventilating equipment; maintains records and prepares periodic reports. May assist post engineer in other engineering or administrative duties concerned with construction or maintenance projects.

Must have knowledge of basic principles of mechanical engineering and ability to solve problems concerned with design, operation, and maintenance of heating and ventilating systems and equipment.

Civilian experience in design, manufacture, and installation of heating or ventilating systems and equipment desirable.

College training in mechanical engineering desirable.

#### SOURCE JOBS

Heating and Ventilating Engineer	Mechanical Engineer
Heating and Ventilating Contractor	Heating and Plumbing Contractor

#### PORt MECHANICAL ENGINEER (7505)

Supervises the design, construction, maintenance, and repair of mechanical equipment used in the construction and operation of marine structures, piers, docks, warehouses, reinforced concrete and other waterfront loading and unloading facilities. Prepares drawings and specifications for various types of pier and water-front machinery and parts; supervises installation, inspection alterations, and addition of special equipment; assigns personnel in the operation of port machine shops; confers with other port officers on mechanical problems. May assist in connection with the construction and repair of floating equipment.

Must have knowledge of mechanical principles and methods involved in the design, construction, and repair of machinery used in ship side handling of cargo and other port activities.

Civilian experience in the construction and repair of mechanical dock facilities very desirable.

College training in mechanical engineering desirable.

#### SOURCE JOBS

Dock Engineer	Maintenance Superintendent, marine
Marine Engineer	

Port Engineer

#### RAILWAY MECHANICAL ENGINEER

(7507)

Supervises mechanical engineering activities concerned with the design of locomotive and car parts for replacement, conversion, and repair purposes. Examines parts and prepares design and specifications; supervises draftsmen in lay-out and preparation of blueprints; trains personnel in drafting procedures.

Must have thorough knowledge of principles of railway mechanical engineering, particularly in railroad locomotive and car construction, and railway shop practices.

Experience in railway engineering essential.

Should have college education in mechanical engineering or equivalent practical experience.

#### SOURCE JOBS

Mechanical Engineer      Mechanical Draftsman

#### AUTOMOTIVE RESEARCH ENGINEER

(7509)

Supervises research in forms of exhaustive investigations and experimentations on automotive equipment and accessories to discover, interpret, and apply new facts concerning operating efficiency. Tests operating efficiency of automotive equipment and accessories such as automobiles, trucks, trailers, tractors, motors, and brakes; plans, designs, develops, and tests experimental automotive equipment and accessories; interprets results of tests and experiments; prepares findings and makes recommendations for new equipment and improvement of current equipment based on tests and experiments; advises automotive engineers in design, methods of workmanship, and materials to be used.

Must possess analytical and creative ability and be able to supervise extensive automotive research programs.

Military experience with arm or service using automotive equipment under variable conditions desirable.

Civilian experience in automotive research and testing fields desirable.

College training in mechanical engineering essential.

#### SOURCE JOBS

Automotive Engineer	Motor Transport
Mechanical Engineer	Designer
Automotive Research Specialist	Testing Engineer

## **MECHANICAL RESEARCH ENGINEER (7510)**

Supervises research in form of exhaustive investigations and experimentations on mechanical apparatus, instruments, and other equipment to discover, interpret, and apply new facts concerning operating efficiency. Tests operating efficiency of mechanical equipment; plans, designs, develops, and tests experimental mechanical equipment; interprets results of tests and experiments; prepares findings and makes recommendations for new equipment and improvement of current equipment based on tests and experiments; advises mechanical engineers in design, methods of workmanship, and materials to be used.

Must possess analytical and creative ability, and be able to supervise extensive mechanical equipment research programs.

Civilian experience in mechanical engineering research projects desirable.

College training in mechanical engineering essential.

### **SOURCE JOBS**

Mechanical Designer  
Mechanical Engineer

Mechanical Research Specialist

## **SHIP ARMAMENT OFFICER (7531)**

Supervises the installation, repair, maintenance, and inspection of armament on cargo and transport vessels and in connection with port installations. Inspects transport and freight vessels to determine adequacy and condition of armament and related supplies; supervises operations of ordnance repair shop and the repair of troop ordnance equipment in the area; requisitions ordnance supplies and equipment; prepares plans and specifications for installation and renovation of ship's armament; supervises maintenance of files and records.

Must have knowledge of non-Navy ship armament and ordnance matériel.

Military training in ship armament work essential.

Civilian experience in mechanics or mechanical engineering essential. College training in mechanical engineering desirable.

### **SOURCE JOBS**

Machinist  
Armorer

Mechanical Engineer  
Millwright

## **TECHNICAL INSPECTOR, AIR (7536)**

Supervises a technical inspection unit and is responsible for making technical inspections and investigations. Inspects installations and units to check technical qualifications of personnel, scope, and thoroughness of required maintenance and inspection of aircraft and other technical equipment, and insures corrective action on discrepancies and irregularities; make spot checks of equipment and facilities during visits to evaluate technical administration in comparison with units; insures maintenance of equipment, compliance with technical orders and regulations, observance of safety and fire regulations, and proper accomplishment of inspection and maintenance records; interprets technical orders; advises commanding officer on results of inspection.

Must have thorough technical knowledge of Army Air Forces equipment maintenance supply and inspection procedures.

Military experience as an engineering officer in an Army Air Forces tactical unit very desirable.

Civilian experience in supply, production, or engineering phases of aircraft production desirable.

Technical school training in aircraft construction or maintenance desirable.

### **SOURCE JOBS**

Aeronautical Engineer  
Mechanical Engineer  
Automotive Engineer

Production Manager,  
aircraft  
Inspector, aircraft  
production

## **ORDNANCE PROOF OFFICER (7539)**

Directs or supervises testing of ordnance equipment to determine its quality and effectiveness for military use. Tests strength of material used in construction of equipment and supplies; tests arms, armament, ammunition, tanks, ordnance vehicles, and other equipment and supplies under simulated combat conditions; checks results against required performance and investigates possible developments for improvement; compares performance records with known effectiveness of similar enemy equipment; examines captured enemy ordnance; prepares technical reports of conclusions for higher authority.

Must have thorough knowledge of ordnance and methods of testing quality and effectiveness of ordnance equipment and supplies.

Civilian experience in production of ordnance equipment and supplies or industrial testing processes desirable.

College training in chemistry, physics, or mechanical, electrical, or chemical engineering essential.

#### SOURCE JOBS

Mechanical Engineer	Testing Engineer
Electrical Engineer	Chemist
Chemical Engineer	Physicist

#### AERONAUTICAL ENGINEER (7540)

DIRECTS or supervises aeronautical engineering activities concerned with aircraft equipment and accessories. Designs and prepares plans and specifications for airplanes, seaplanes, propellers, wings, and other airplane parts and accessories; supervises assembly of planes, installation of motors, and other equipment; tests models to determine flying characteristics of airplanes; tests finished parts of plane equipment and assembled airplanes; analyzes stresses set up in parts of airplane by applied loads to determine ability to withstand various flying conditions; consults with aeronautical research engineers on matters of design, methods of workmanship, and materials to be used.

Must have thorough knowledge of mechanical engineering principles as applied to design and construction of military aircraft and equipment, including ordnance.

Military experience with branch of service using aircraft equipment under variable conditions desirable.

Civilian experience in design, construction, and maintenance of aircraft equipment desirable.

College training in mechanical engineering with specialization in aeronautics essential.

#### SOURCE JOBS

Aeronautical Research Engineer	Mechanical Engineer
	Automotive Engineer
Aeronautical Research Specialist	

#### ELECTRONICS REVIEW OFFICER (7601)

Examines technical reports and other data received from Military Intelligence, foreign governments, and laboratories concerning new developments and applications in field of electronics; prepares reports of findings and makes recommendations as to value for the Army.

Military experience desirable. Must have G-2 clearance.

Should have civilian experience in radio engineering or in manufacture of electronic equipment.

Should have college education with specialization in electrical engineering or electronic physics.

#### SOURCE JOBS

Electronic Physicist	Radio Engineer
Electrical Engineer	Sound Research Engineer
Electronics Engineer	

#### ELECTRICAL RESEARCH ENGINEER (7610)

DIRECTS, supervises, and performs electrical research to discover and develop new applications of electro-physical principles, to develop new and more efficient electrical equipment, and to improve existing equipment. Reviews technical literature and proceedings of technical societies; plans and supervises experimental work in abstract electro-physical principles and their applications; directs construction of experimental models and supervises tests to determine practicability for mass production; advises on electrical engineering and communications engineering problems. May prepare detailed specifications for apparatus. May direct design, engineering, and construction of working models. May collaborate in the supervisory inspection of pilot runs.

Should be thoroughly familiar with research problems in electro-physical field. Should have working knowledge of design and construction of special apparatus.

Military experience desirable.

Should have considerable experience in electro-physical field, including research. Experience in design and engineering of electrical apparatus desirable.

Should be college graduate with specialization in electrical engineering, communications engineering, or physics.

#### SOURCE JOBS

Electrical Engineer	Radio Engineer
Physicist	

#### ELECTRICAL ENGINEER (7611)

DIRECTS, plans, and supervises construction, installation and maintenance of electrical power and lighting systems. Prepares plans and specifications for electrical power and light distribution systems including transformer stations, high tension power lines, and generating plants; maintains records of

-activities and prepares reports. May supervise operation, maintenance, and repair of electric fire control communication and searchlight installations.

Must have thorough knowledge of electrical materials and apparatus, power generation and distribution, and principles of magnetism and illumination.

Should have extensive civilian experience in electrical engineering work, including construction and maintenance of electrical systems.

Should have college education with specialization in electrical engineering or equivalent practical experience.

#### SOURCE JOBS

Electrical Engineer  
Powerhouse Superin-  
tendent

Power Plant Installation  
Engineer

#### TELEPHONE ENGINEER (7700)

Designs lay-out, prepares specifications, and supervises installation, technical operation and maintenance of a permanently established telephone system. Visits sites of new projects to estimate and plan requirements for temporary services during construction period and future permanent operations; arranges with local telephone companies for temporary service facilities, and insures that a major portion of temporary installations may be used as part of the permanent system; confers with the area engineer concerning joint usage of electrical power poles for telephone wires and cables; provides for adequate protection of telephone system from lightning and electrical current and interference from power lines; provides adequate housing facilities for central office equipment; establishes technical operation and maintenance standards of the system and supervises performance of work; prepares correspondence and submits periodic reports.

Must be skilled in design of outside and inside telephone lines and switching equipment and in installation, operation, and maintenance of automatic and manual telephone station equipment. Must have thorough knowledge of general telephone engineering practices.

Military experience desirable.

Civilian engineering or supervisory experience with telephone company essential.

College training in electrical or communications engineering essential.

#### SOURCE JOBS

Division Plant Engineer  
District or Division Plant  
Superintendent

Division Construction  
Superintendent

#### COMMUNICATIONS ENGINEER (7701)

Supervises design, research, and development of Signal Corps equipment including telephone, telegraph, radio, and radar equipment. Collects, evaluates, and reports on technical data of foreign and domestic equipment; maintains liaison with arms or services, governmental agencies and United States Navy to obtain and exchange essential data; coordinates developmental work with agencies responsible for procurement and supply; analyzes field experience to eliminate deficiency in equipment and develop new equipment. May act as consultant on development of Tables of Basic Allowances and on solution of maintenance problems.

Military experience in field and Army laboratories very desirable.

Civilian executive experience in communication research and engineering problems essential.

College training in electrical or communications engineering or specialization in electronic physics essential.

#### SOURCE JOBS

Physicist  
Communications Research  
Engineer  
Communications Equipment Engineer

Consulting Communications Engineer  
Director, communications laboratory

#### MAINTENANCE RESEARCH ENGINEER, COMMUNICATIONS EQUIPMENT (7702)

Directs or supervises research, development and design of maintenance, testing, and repair equipment for all echelons of signal communications equipment maintenance. Supervises investigations and recommends suitable testing and maintenance equipment needed to keep communications equipment in operation; recommends extent of repairs to be made at various echelons; supervises preparation of repair instruction manuals.

Should have working knowledge of general shop practices and shop equipment.

Military experience or training in appropriate Signal Corps school essential.

Should have civilian experience in design or manufacture of communications equipment.

Must be graduate of technical school or be a graduate engineer in electrical, radio, or communications engineering.

#### SOURCE JOBS

Radio Engineer	Electrical Engineer
Sound Research	Electronic Physicist
Engineer	

#### COMMUNICATIONS SPECIFICATION OFFICER (7703)

Supervises preparation and review of drawings and specifications for procurement and production of Signal Corps equipment and parts; prepares lists of maintenance and spare parts for all types of Signal Corps equipment and maintains records of drawings and specifications; maintains liaison with procurement districts and manufacturers concerning changes in specifications.

Military experience desirable.

Civilian experience in a drafting department of a communications equipment manufacturing plant essential.

Must be graduate of technical school. College training in electrical engineering very desirable.

#### SOURCE JOBS

Draftsman, communica-	Communications Engineer
tions equipment	

#### TELEPHOTO OFFICER (7704)

Supervises installation, operation, and maintenance of telephoto equipment. Takes and processes still photographs with standard equipment; prepares and issues instructions regarding the training of personnel for operating stations and laboratories.

Must have thorough knowledge of and be able to operate various devices for transmitting photographs by wire or radio.

Must be familiar with standard photographic techniques.

Military experience desirable.

Civilian experience in the operation of wire and radio devices for the transmission of photographs essential.

Should have technical school training.

#### SOURCE JOBS

Radio Engineer	Telephone Transmission
Telephoto Engineer	Engineer
Electronics Engineer	

#### COMMUNICATIONS STANDARDS ENGINEER (7705)

Directs, supervises, or coordinates formulation of standardization policies and programs and establishment of appropriate standards for signal equipment, reviews and coordinates data from laboratories, manufacturers, and other sources. May represent the Signal Corps in interbranch and interdepartment standardization committees. May initiate action to adapt existing standards to current needs. May initiate or supervise the revision of specifications for conformance with current standards. May perform these duties generally, or in connection with specific types of signal equipment.

Should have broad training in communications engineering and production techniques. Must have G-2 clearance.

Military experience desirable.

Should have extensive experience in research, design, or production of electrical or communications equipment.

Should be college graduate in communications or electrical engineering.

#### SOURCE JOBS

Electrical Engineer	Radio Engineer
Communications Engineer	

#### TELEPHONE AND TELEGRAPH RESEARCH ENGINEER (7710)

Directs, supervises, and performs research to develop and design new or improved telephone and telegraph equipment. Studies application of fundamental principles of physics to telephone and telegraph circuits and apparatus; directs construction of experimental models and conducts tests to determine practicality; directs engineering and construction of working models; collaborates in supervisory inspection of pilot runs; advises on telephone and telegraph engineering problems. May prepare detailed specifications for procurement of new apparatus.

Should be thoroughly familiar with research problems and techniques as applied to telephone and telegraph transmission equipment.

Military experience desirable.

Should have extensive experience in telephone or telegraph research or design.

Should have college degree in electrical or communications engineering or physics.

## SOURCE JOBS

Telephone Research Engineer	Telegraph Research Engineer
Electrical Engineer	Physicist

### TELEPHONE EQUIPMENT ENGINEER (7720)

Reviews traffic estimates to determine need for telephone inside plant equipment. Prepares plans and draws specifications; prepares standards and instruction manuals for the testing, operation, and maintenance of equipment. May supervise technical operation and maintenance of central office. May supervise installation and acceptance testing of equipment in place.

Military experience desirable.

Civilian experience in telephone engineering desirable.

College training in communications or electrical engineering desirable.

## SOURCE JOBS

Wire Chief	Central Office Equipment
Traffic Engineer	Installation Engineer

### TELEPHONE AND TELEGRAPH INSTALLATION AND TEST ENGINEER (7723)

Directs or supervises installation and testing of equipment in telephone or telegraph central office. Reviews lay-outs received from equipment engineers and determines if building conditions permit specified installations; obtains construction matériel not otherwise specified; supervises acceptance testing of equipment; prepares records of installed equipment and circuits; prepares operating and maintenance standards and instructions; organizes construction crews. May provide for temporary use of part of equipment before installation is complete. May train operating and maintenance staff.

Military experience desirable.

Should have civilian supervisory or engineering experience in installation, acceptance testing, or operation of central office telephone or telegraph equipment.

Should be technical school graduate. College training in communications or electrical engineering desirable.

## SOURCE JOBS

Central Office Equipment Supervisor	Central Office Installation Equipment Engineer
Wire Chief	

### TELEPHONE AND TELEGRAPH POWER PLANT ENGINEER (7724)

Determines type and capacity of central office power plant equipment required. Specifies and requisitions equipment and matériel; prepares lay-outs and wiring diagrams; prepares operation and maintenance standards and instructions. May supervise installation and acceptance testing of power plant equipment.

Military experience desirable.

Civilian experience in inside plant telephone or telegraph engineering with specialization in central office power plant desirable.

Must be technical school graduate. College education in electrical or communications engineering desirable.

## SOURCE JOBS

Power Plant Engineer	Electrical Engineer, small
Inside Plant Engineer	power installations

### TELEPHONE TRANSMISSION ENGINEER (7730)

Reviews needs for telephone circuits as indicated by traffic surveys. Reviews available facilities and determines type of transmission system to be used and additional facilities to be provided; specifies design factors; prepares engineering standards and instructions for the maintenance of lines and circuits. May investigate field conditions to determine and correct such external interference factors as the proximity of power lines. May supervise construction of transmission line and cable systems.

Military experience desirable.

Should have extensive civilian experience in telephone engineering or in engineering of telephone transmission systems.

Should be college graduate in electrical or communications engineering or have equivalent in practical experience and training.

## SOURCE JOBS

Outside Plant Engineer	Electrolysis and Induction
Transmission Engineer	Engineer
Toll Engineer	

## TELEPHONE AND TELEGRAPH TRAFFIC ENGINEER (7740)

Surveys telephone or telegraph traffic conditions to determine distribution of facilities and circuits to provide suitable service. Determines times and geographic distribution of load; recommends provision of facilities, equipment, and personnel to meet normal load and estimated emergency requirements; directs routing of traffic to meet abnormal conditions.

Should have managerial experience in traffic engineering with telephone or telegraph system.

Training in field of communications engineering desirable.

### SOURCE JOBS

Toll Traffic Engineer      Toll Line Supervisor  
Traffic Superintendent

## COMMERCIAL COMMUNICATIONS ENGINEER (7760)

Negotiates and supervises execution of contracts for communication services with commercial companies. Determines need for services; insures that tariffs are in accordance with Army regulations; verifies installations and bills for services; investigates service conditions and arranges for necessary improvements.

Military experience desirable.

Should have civilian experience in commercial communications engineering.

College training in communications engineering with special training in commercial phases of communication work desirable.

### SOURCE JOBS

Commercial En-	Sales Engineer, com-
gineer, telegraph	munications
and telephone	Sales Engineer
Rate Engineer	District Manager, tele-
Development Engineer	graph or cable company

## TELEPHONE AND TELEGRAPH OUTSIDE PLANT ENGINEER (7770)

Superintends lay-out and construction of telephone and telegraph lines, including open wire and cable construction. Surveys and selects suitable routes; determines necessary types of construction and prepares preliminary engineering data for use of transmission engineer; superintends the construction crews; determines and obtains construction ma-

tériel and equipment not otherwise specified or provided; directs training of linemen, splicers, and cablemen. May prepare standards and instructions for the inspection and maintenance of outside plant equipment.

Military experience desirable.

Should have civilian engineering experience in outside plant construction.

Should have college education in electrical or communications engineering or equivalent practical experience and training.

### SOURCE JOBS

Transmission Engineer	Construction Supervisor
Line Construction	Outside Plant Engineer
Foreman	

## COMMUNICATIONS RESEARCH SPECIALIST (7790)

Serves as planning technician and consultant on communication problems. Supervises design of proposed equipment and checking of specifications for equipment to be procured; maintains liaison with other agencies, such as Signal Corps development laboratories, National Research Council, National Advisory Committee on Aeronautics, and other industrial and university laboratories on problems concerning radio, telephone, and telegraph communications research; prepares technical reports governing results of tests and demonstrations of new research developments; renders technical advice on communication problems to operating agencies.

Military experience desirable.

Civilian experience in research, design, or manufacture of radio, telegraph, or telephone equipment, including air-borne radio or radio direction finding equipment, desirable.

College training in radio and electrical engineering or advanced physics essential.

### SOURCE JOBS

Communications En-	Director, radio research
gineer	laboratory
Production Engineer,	Radio Telephone and
radio manufacturing	Telegraph Design
	Engineer

## TELEGRAPH ENGINEER (7800)

Prepares plans and specifications for and supervises installation, technical operation, and mainte-

nance of a permanent telegraph system. Estimates requirements for installations of a proposed communication system or for extension and modification of existing system and submits plans and specifications for approval; coordinates, supervises, and inspects installation of equipment and establishes electrical test procedures; supervises and instructs operating and maintenance personnel in technical care and functioning of telegraph systems; cooperates with telephone engineer to incorporate auxiliary or multiplexed telegraph circuits in telephone system to maintain new line construction at a minimum; locates, investigates, and tests electrical communication systems.

Must have thorough knowledge of telegraph engineering practices, including line construction, installation, and operation of phantom, multiplex, and simplex circuits and installation, maintenance, and repair of teletype printers and central switching equipment.

Military experience desirable.

Civilian experience in a responsible capacity in the construction and maintenance of electrical wire communication systems essential.

College training in electrical or communications engineering or equivalent practical experience essential.

#### SOURCE JOBS

Electrical Engineer  
Telephone Engineer

Communications Engineer

#### TELEGRAPH EQUIPMENT ENGINEER (7820)

Reviews traffic estimates and determines needs for telegraph inside plant equipment. Prepares plans and specifications; prepares standards and instruction manuals for testing, operation, and maintenance of telegraph equipment. May prepare procurement requisitions and follow up procurement of equipment. May supervise installation and testing of equipment. May instruct personnel in installation, testing, operation, and maintenance of telegraph equipment.

Military experience desirable.

Civilian engineering experience in telegraph central offices or other telegraph engineering activities very desirable.

College degree in electrical engineering with specialization in communications engineering desirable.

#### SOURCE JOBS

Telephone Equipment  
Engineer

Inside Plant Equipment  
Engineer  
Telegraph Engineer

#### TELEGRAPH TRANSMISSION ENGINEER (7830)

Designs and prepares plans and specifications for construction of telegraphic transmission systems. Analyzes available facilities and determines type of transmission systems to be used and additional facilities to be provided; reviews traffic surveys to determine need for telegraph circuits; specifies design factors for transmission system and prepares engineering standards and instructions for maintenance of lines and circuits. May investigate field conditions to determine and correct undesirable external factors such as proximity of power lines and other interference factors. May superintend construction of transmission line and cable systems.

Military experience desirable.

Extensive civilian experience in design, construction, or maintenance and operation of telegraph transmission systems essential.

College training in electrical or communications engineering very desirable.

#### SOURCE JOBS

Telegraph Outside Plant  
Engineer

Telegraph Transmission  
Engineer

#### RADIO ENGINEER (7860)

Directs or supervises engineering activities concerned with design and development of radio parts and equipment. Designs and prepares plans and specifications for radio, radio parts, and related accessories; supervises and instructs personnel in the construction and installation of radio equipment and facilities; tests models or finished product to determine operating efficiency; plans and coordinates repair and salvage programs; acts as consultant on radio engineering problems. May prepare text books and instruction manuals on radio theory, design, operation, and maintenance. May direct technical operations of a large radio station.

Must have thorough knowledge of mechanical and electrical engineering practices as applied to design and construction of radio parts and equipment. Should be familiar with operation and maintenance practices.

Considerable civilian experience in design, and

construction, or installation; operation and maintenance of radio equipment essential.

College degree in electrical engineering with specialized work in radio engineering very desirable.

#### SOURCE JOBS

Radio Engineer                      Electrical Engineer

#### RADIO EQUIPMENT MANUFACTURING ENGINEER (7861)

Supervises design and manufacture of specialized radio equipment. Analyzes workings of existing radio apparatus and determines feasibility of improving manufacture; supervises fabrication and testing of equipment and recommends approval or rejection; trains personnel in development and manufacture of new equipment.

Military experience desirable.

Civilian administrative and technical experience in radio manufacturing essential.

Should be college graduate with specialization in electrical or radio engineering.

#### SOURCE JOBS

Radio Manufacturer                      Radio Engineer

#### RADIO ENGINEER, DIRECTION AND RANGE FINDING RADIO TELEPHONE (7862)

Designs, develops, tests, and supervises construction of radio telephone and facsimile equipment, direction and range finders, and other related equipment. Develops apparatus mechanically and electrically to conform with Signal Corps practice for service conditions; makes engineering sketches and supervises construction of rough and final models; conducts research and development of new apparatus; interprets electrical and mechanical test data to overcome deficiencies and to effect improvement; prepares engineering reports on the development of apparatus; makes recommendations concerning military and technical features of equipment; maintains liaison with using arms, governmental agencies, commercial airlines, and manufacturers on problems pertaining to development of new equipment.

Must have thorough knowledge of theory of operation and practical knowledge of construction of radio telephone and range and direction finding equipment. Must be thoroughly familiar with existing Army radio equipment and be familiar with its limitations.

Military experience desirable. Senior officers must have field military training and experience.

Civilian experience in performance of advanced radio engineering work very desirable.

College training in electrical or radio engineering essential.

#### SOURCE JOBS

Radio Engineer                      Radio Research Engineer  
Electronic Engineer

#### RADIO MAINTENANCE AND REPAIR OFFICER (7864)

Supervises maintenance and repair of radio equipment at a post, station, depot, or other military installation. Supervises and instructs personnel in inspection and adjustment of radio communication equipment; investigates radio interference problems and institutes measures for their elimination; maintains adequate supply of replacement parts and material; supervises preparation and maintenance of reports and records.

Military experience desirable.

Civilian experience in operation, maintenance, and repair of radio communication equipment very desirable.

Advanced technical school training in radio or communications engineering, or equivalent training and practical experience essential.

#### SOURCE JOBS

Radio Engineer                      Radio Maintenance Supervisor, transmitting station  
Electrical Engineer

#### CONSULTING COMMUNICATIONS ENGINEER (7865)

Coordinates methods and procedures of signal communication utilized by the several arms or services. Studies military and technical characteristics of signal equipment, apparatus, and procedures; confers with engineers and specialists on causes and effects of faulty operations and corrective devices available for elimination; investigates, reviews, and reports on communication problems of Army; recommends research, development, procurement, and allocations to meet operational needs. May plan and coordinate procurement and supply activities. May represent arm or service on communication problems.

Should have thorough knowledge of various meth-

ods of communication, such as radio, telegraph and telephone, and be familiar with military communication problems.

Military communication experience essential. Completion of courses in communication desirable.

Should have civilian experience in communications engineering.

Must have college education in electrical, or communications engineering, or equivalent training and practical experience.

#### SOURCE JOBS

Radio Engineer	Consulting Engineer
Electrical Engineer	Telephone Engineer
Telegraph Engineer	

#### RADIO TRANSCRIPTION AND SOUND ENGINEER (7869)

Supervises electrical transcription of radio or other programs. Consults with sponsors or program producers to arrange for transcriptions and to assist in formulation of program material; meets with sound engineers to achieve and maintain consistent recording standards; directs arrangement of pick-up microphone, electrical mixing of frequency and volume, checking of transmission lines, and reproduction of sound effects; contacts record manufacturing plants to insure that transcriptions possess satisfactory reproduction and tracking qualities; arranges for auditions of transcribed material by superior officers; directs shipment and traffic of transcriptions between manufacturing plants and quartermaster depot. May consult with script writers.

Must have thorough knowledge of technical factors of recording, reproduction, and processing of transcriptions and manufacture of records. Must be thoroughly familiar with processing, presentation, and control of radio programs.

Experience in technical procedure and control of radio essential.

College training in radio or electrical engineering or equivalent training and experience very desirable.

#### SOURCE JOBS

Radio Engineer	Radio Technician
Sound Engineer	

#### RADIO RESEARCH ENGINEER (7870)

Supervises research in form of exhaustive investigations and experimentations on radio equipment, parts, and accessories to discover, interpret, and ap-

ply new facts concerning operating efficiency. Studies applications of fundamental principles of physics to radio circuits and apparatus; plans, designs, develops, and tests experimental radio equipment and parts; interprets results of tests and experiments; prepares findings and makes recommendations for new equipment and improvement of current equipment based on tests and experiments; acts as consultant on radio engineering problems. May prepare procurement specifications for new apparatus.

Must possess analytical and creative ability. Must be capable of supervising extensive radio research programs.

Military experience desirable. Should have completed course in radio, radar, or air warning equipment at Signal Corps school, or have comparable training.

Should have extensive civilian experience in radio or electronics research or in design of radio or electronic apparatus.

Should have degree in electrical or communications engineering or physics.

#### SOURCE JOBS

Electrical Engineer	Communications Engineer
Electronics Engineer	Radio Engineer

#### RADAR PLANNING OFFICER (7871)

Supervises planning of station building and component lay-outs for fixed radar stations and for station site lay-outs for fixed and portable stations; supervises preparation of drawings and instructional material for use in field installations; maintains liaison with using arms relative to installation, modification of installations, and operational efficiency of systems.

Military experience desirable. G-2 clearance essential.

Civilian supervisory experience in radio or telephone carrier and repeater design or installation desirable.

Should have college or technical school training with specialization in electrical engineering.

#### SOURCE JOBS

Telephone and Carrier	Telephone Engineer
Repeater Engineer	Radio Engineer

#### SOUND AND LIGHT RESEARCH ENGINEER (7872)

Conducts engineering research concerned with im-

proving or discovering new and more efficient sound and light equipment. Plans and directs technical duties of assistants; examines technical literature on subject of research; plans and supervises controlled experimental work to scientifically determine value of hypotheses advanced, or practical application of known scientific phenomena; prepares reports indicating conclusions and makes recommendations for their effective use. May contact manufacturers for purpose of adapting commercial equipment to military use. May accompany equipment delivered into the field for demonstration before test boards. May maintain contact with using forces in order to modify or take other appropriate action to increase value of equipment.

Military experience desirable.

Civilian experience in field of sound, light, or electronics research engineering essential.

Should have college degree in electrical engineering.

#### SOURCE JOBS

Electrical Engineer  
Electrical Research  
Engineer  
Radio Engineer

Electronics Physicist  
Sound and Light  
Engineer

#### RADIO COMMUNICATIONS OFFICER, LIAISON (7881)

Maintains official liaison with related Government agencies on radio communications problems. Reviews requests for new radio purchases and standardization of radio equipment in terms of frequency range; reviews purchase requisitions for crystals in terms of need and value; assigns proper radio frequencies for radio installations; compiles and assigns tactical and international call signs for members of United Nations operating within boundary of the United States sphere of strategy; discusses problems of frequency allocations and radio interference with related Government departments. Reviews non-Government license applications involving military issues; represents War Department on interdepartmental radio advisory committees concerning domestic and foreign radio frequency allocations.

Military experience desirable.

Civilian experience in electrical communications engineering essential.

College training with specialization in radio engineering or equivalent training and experience essential.

#### SOURCE JOBS

Radio Engineer      Executive, radio broadcasting system

#### RADAR OBSERVER RCM (7888)

Operates, adjusts, and performs flight maintenance on radio and radar countermeasures equipment and radar altimeters employed by airborne units. Operates countermeasures equipment to render ineffective enemy radio and radar communications and countermeasures equipment; advises appropriate units in all matters relating to the use of countermeasures equipment; makes minor hand repairs when necessary to keep equipment in good operating condition.

Must have thorough knowledge of circuits, design, theory, and construction of radio and radar equipment. Must be thoroughly familiar with friendly and enemy radar, radio and navigational equipment, and their tactical employment.

Must have completed Army Technical School course or have equivalent radio experience for qualification as communications officer, and have completed AAF technical school course for radar observer, RCM.

Must be physically qualified for combat flight duty under provisions of AAF Regulation 50-7.

#### AUDIO ENGINEERING OFFICER (7890)

Designs and supervises the operation of sound and public address systems and performs related duties in field of sound and acoustics. Supervises location and installation of loudspeakers and sound-absorbent material in theaters and other buildings to obtain maximum acoustic efficiency; adjusts volume and tone of amplifying system to secure best effect; locates loudspeakers in open air in accordance with features of terrain to project sound the greatest possible distance; prepares scripts for voice projection across enemy lines; instructs and trains personnel in operation, maintenance, and employment of public address systems and in theories of sound and acoustics.

Must have thorough knowledge of interior and exterior acoustics, sound projection, and construction, operation, and maintenance of audio amplification systems.

Military experience desirable.

Civilian professional engineering experience in field of acoustics and sound projection essential.

College training with specialized studies in acoustics and sound projection essential.

## SOURCE JOBS

Radio Engineer Sound and Acoustics Engineer  
Electrical Engineer Telephone Engineer

### RADIO COMMUNICATIONS COORDINATING OFFICER (7891)

Examines various types of radio equipment produced by United Nations and enemy countries; reviews and determines needs for new radio equipment for arms and services, and coordinates requirements; investigates new developments, and studies possibilities of interchangeability of parts and elimination of unnecessary items; prepares reports on new developments in field of radio communication.

Should be familiar with all types of radio equipment and be able to determine significant variations from standard patterns.

Military experience in field communication very desirable. Should have completed radio course at Signal Corps school.

Should have civilian experience in field of radio communication and engineering.

Should have technical school or college training with specialization in electrical engineering.

## SOURCE JOBS

Radio Engineer Production Engineer,  
Electronics Engineer radio manufacturing

### SIGNAL EQUIPMENT INSPECTION ENGINEER (7892)

Plans, directs, and supervises inspection of pre-production samples and pilot runs of Signal Corps material to insure conformance with specifications and eliminate manufacturing difficulties. Engineers design changes during production for substitution of critical materials or to effect changes in specifications; prepares or revises instruction manuals for inspection of signal equipment; maintains close liaison with using arms, other agencies, boards, and branches. May supervise preparation of instruction books covering installation, maintenance, and operation of signal equipment.

Military experience including field operation of signal equipment very desirable. Should have experience in Signal Corps laboratory. G-2 clearance essential.

Should have extensive civilian experience in development, design, or manufacture of communication equipment.

Technical school or college training with specialization in electrical or communications engineering very desirable.

## SOURCE JOBS

Communications Inspection Engineer Communications Engineer

Communications Laboratory Technician

### PUBLIC COMMUNICATIONS OFFICER (7899)

Directs rehabilitation, operation, and maintenance of radio, telephone, or telegraph communication system in an occupied territory. Makes basic surveys of communication needs and determines necessary distribution of facilities and circuits to provide suitable service; maintains liaison with military, governmental and private agencies in radio, telephone, and telegraph communication, including cooperation in enforcement of control and censorship of communication services. May be responsible for proper functioning of the local postal service of occupied territory.

Must have knowledge of general engineering practices, and be familiar with installation, operation, and maintenance of communication equipment. Knowledge of foreign language desirable.

Must have extensive executive experience in handling communication systems and engineering problems, preferably in two or more fields, including electrical engineering.

Should be college graduate with specialization in electrical, radio, or communications engineering.

## SOURCE JOBS

District Manager, telephone or telegram Rate Engineer, communications  
Communications Development Engineer Commercial Communications Engineer

### HYDRAULIC ENGINEER (7901)

Plans, designs, and supervises the lay-out and construction of canals, irrigation systems, reservoirs, and water supply systems. Makes observations and keeps records of open streams, subterranean streams, or other bodies of water to gain knowledge of water resources or for flood control; locates water resources by geological studies and reconnaissance surveys; prepares geological area maps to illustrate drainage, watersheds, and underground water sources; determines best location for water reservoirs; plans for testing and distributing available water supply; plans specifications for storage structures and water transmission systems; supervises

field construction and prepares progress reports; supervises operation and maintenance of water distribution equipment; designs and supervises construction of canals, sluices, bridges, siphons, culverts, reservoirs, dams, aqueducts, and other water control projects.

Must have knowledge of water geology, hydraulics, hydrostatics, and chemical and bacteriological testing of water.

Military experience desirable.

Civilian experience in engineering water supply, irrigation, reclamation, sanitation, flood control, or erosion control projects essential.

College training in civil engineering with specialization in geology, hydraulic engineering, or hydrostatics very desirable.

#### SOURCE JOBS

Water Geologist	Reclamation Engineer
Civil Engineer	Irrigation Engineer
Hydraulic Engineer	Flood Engineer

#### SURVEYING ENGINEER (7914)

Supervises a survey unit engaged in field surveying. Supervises field survey parties on construction lay-out work; plans and directs topographic surveys including subsurface investigations; plans and directs hydrographic surveys such as gauging river and stream beds; supervises interpretation of aerial photomaps of assigned survey areas; transmits survey results and data to mapping units for use in preparation of topographic maps; prepares and maintains records of surveys; supervises maintenance of supplies and equipment; supervises training of unit and is responsible for its administration, supply, transportation, and security. May complete surveys relative to rehabilitating port and terminal facilities, rebuilding major utilities of destroyed cities, and construction of major water supply systems, railroads, and highways.

Must have technical knowledge of survey work such as determining exact location and measurements of points, elevations, lines, areas, and contours on the earth's surface; must be familiar with map making and reading; must have knowledge of aerial photomaps; must be able to supervise land, railroad, highway, topographic, and hydrographic surveyors, chairmen, rodmen, and topographic draftsmen.

Experience with military ground maps, aerial photos, photomaps, and military map symbols essential.

Civilian experience in engineering and surveying essential.

College training in civil engineering essential.

#### SOURCE JOBS

Civil Engineer	Instrument Man
Surveyor	Topographic Draftsman

#### TOPOGRAPHIC ENGINEER (7915)

Directs or supervises an organization composed of survey, photomapping, or map reproduction units and is responsible for providing map information adequate for tactical and strategical requirements. Supervises the execution of photogrammetric and drafting work for preparation and revision of maps, mosaics, overlays, and overprints; supervises reproduction by lithography, black and white process printing, and gelatin duplication; coordinates and supervises procurement, storage, and distribution of maps; supervises maintenance of supplies and equipment; supervises training of organization and is responsible for its administration, supply, transportation, and security. May supervise the conduct of surveys in the compilation of data necessary for map preparation. May establish and extend horizontal and vertical control forward and supply necessary ground mapping control for utilization by field artillery units.

Must have technical knowledge of survey work, such as determining exact locations and measurements of points, elevations, lines, areas, and contours on the earth's surface, photogrammetry and topographic drafting, and be skilled in photographic laboratory methods. Must be thoroughly familiar with photo-transferring and lithographic processes and have knowledge of operation and maintenance of lithographic equipment.

Military experience with specialized knowledge of military ground and aerial maps and military map symbols essential.

Civilian experience in engineering, surveying, and topographical drafting essential. Experience in lithographic and reproduction work desirable.

College training in civil engineering or drafting essential.

#### SOURCE JOBS

Civil Engineer	Draftsman, Map
Surveyor	Photogrammetrical En-
Lithographic Engineer	gineer
Topographic Engineer	

## **PHOTOMAPPING OFFICER (7916)**

Supervises a photomapping unit in preparation and revision of military maps and charts from aerial mapping and charting photography. Supervises and participates in the execution of photogrammetric operations in construction and revision of maps and charts; supervises processing of photography; makes mathematical computations in connection with photogrammetrical work; uses stereoscopic and other photogrammetric plotting devices in map and chart construction from vertical and oblique photography; supervises topographic drafting, construction of projections, evaluation and plotting of control, construction of mosaics, preparation of overlays and overprints and establishes marginal information; supervises maintenance of supplies and equipment; prepares and maintains records concerning map or chart preparation; supervises training of unit and is responsible for supply, transportation, and security.

Must have practical working knowledge of photogrammetry, topographic drafting, and photographic laboratory methods; should be familiar in a general way with map reproduction methods.

When assigned to Corps of Engineer units authorized Multiplex plotting equipment must have thorough working knowledge of Multiplex equipment and the technique of its application.

When assigned to Army Air Forces charting units must have thorough working knowledge of aeronautical charting equipment and the technique of its application.

Military experience including either service school course in photogrammetry or experience in military ground and aerial photomapping essential.

Civilian experience in photogrammetry and topographic drafting or appropriate phases of civil engineering essential.

College training in photogrammetrical engineering, civil engineering, or the equivalent thereto in appropriate military or civilian experience essential.

## **MAP REPRODUCTION OFFICER (7917)**

Supervises reproduction unit in reproducing military maps, charts, mosaics, overlays, and overprints from copy prepared by photomapping unit. Supervises reproduction by lithography, black and white process printing, and gelatin duplication; maintains maps properly indexed and filed; prepares records of production and distribution; supervises maintenance

of supplies and equipment; supervises training of personnel.

Must have thorough knowledge of photo-transferring, color reproduction, and lithographic processes, and operation and maintenance of lithograph machinery such as offset printing presses.

Military experience with specialized knowledge of military ground and aerial maps and military map symbols essential.

Civilian experience in lithographic and reproduction work essential.

## **SOURCE JOBS**

Lithographer

Lithographic Pressman

Photo-transferrer

Lithographic Plate Maker

Photo-lithographer

## **ARCHITECTURAL ENGINEER (7920)**

Plans and designs engineering features of buildings and similar structures such as location of buildings, drainage systems, structural features, and plumbing, heating, lighting, and other mechanical features; advises architectural draftsman in drawing of structural plans; advises construction superintendents and material suppliers pertaining to workmanship, methods of construction, and materials to be used; prepares records and reports covering completed, current, and proposed projects.

Must have thorough knowledge of construction design and specification preparation. Must be acquainted with construction materials, and be able to act in advisory capacity on construction matters to architects, draftsman, and construction superintendents.

Civilian experience in architectural engineering essential.

College training in civil, construction, or architectural engineering essential.

## **SOURCE JOBS**

Architect

Construction Engineer

Civil Engineer

Construction Contractor

## **RAILWAY SHOP MAINTENANCE ENGINEER (7921)**

Supervises the maintenance and repair of shop building and facilities. Establishes regulations for operation and maintenance of power-generating and other auxiliary equipment used in distributing mechanical or electrical power for operating shop machinery and equipment; supervises repair crews en-

gaged in renovation or repair of shop buildings and in dismantling, moving, installing, or repairing heavy machinery; periodically inspects plant buildings and facilities to ascertain condition and operating efficiency of equipment; initiates safety and fire prevention measures; supervises requisition and storage of fuel and maintains adequate supply of replacement parts and materials.

Must have thorough knowledge of operation, maintenance, and repair of power-generating equipment. Should be familiar with repair and maintenance of building construction including pipe fitting and electrical wiring. Must be able to supervise work of stationary engineers, generator and switchboard operators, electricians, pipe fitters, plumbers, bricklayers, and carpenters.

Civilian supervisory experience in plant maintenance essential.

#### SOURCE JOBS

Maintenance Mechanic	Millwright
Power Plant Engineer	Mechanical Foreman

#### RAILWAY CONSTRUCTION ENGINEER (7922)

Supervises planning, designing, and construction of railways, railway buildings, railway bridges, and culverts. Supervises field units in reconnaissance and location surveys; reviews and coordinates plans prepared by subordinate units; makes field inspections to determine effectiveness of planning and adequacy of materials; maintains liaison with engineer supply officers concerning railway construction material; prepares periodic reports on construction progress; maintains records of available construction equipment for allocation to engineer units.

Must be skilled in design of railway systems and bridges and have knowledge of civil engineering practices.

Experience in railroad engineering essential.

College training in railway or civil engineering essential.

#### SOURCE JOBS

Superintendent of Rail-	Construction Engineer
way Construction	Highway Engineer
Civil Engineer	

#### PETROLEUM ENGINEER (7930)

Supervises engineering work concerned with the discovery, drilling, and production of oil. Assists in geological surveys of land to determine possibility of oil deposits; supervises erection of drilling rigs and

work of drilling to bring oil into production; plans and develops methods of control of flow of oil; supervises cleaning of oil wells and pumping systems; determines proper location of oil wells and relocation of destroyed and abandoned oil wells and fields; enforces prescribed safety rules and regulations; supervises maintenance of supplies and equipment; prepares and maintains production records; supervises training of personnel. May command an oil field rehabilitation regiment or subordinate units.

Must have thorough knowledge of methods of discovery, drilling, and production of oil and rehabilitation of inactive oil wells and fields. Knowledge of oil geology desirable.

Civilian experience in oil exploration work, drilling, production, and rehabilitation essential.

Must have college training in civil engineering, geology, or equivalent practical experience.

#### SOURCE JOBS

Petroleum Engineer	Oil Well Superintendent
Geologist, oil	

#### PIPE LINE ENGINEER (7932)

Directs or supervises the laying, construction, maintenance, and operation of a military pipe line system. Plans and lays out work for construction and operation personnel; directs and coordinates activities of personnel engaged in operation of earth-moving equipment, assembly and erection of storage tanks, installation and operation of pumping equipment, stringing, coupling, and laying of pipe lines, and other pipe line distribution activities; makes periodic inspections to determine adequacy of camouflage and compliance with established policies on prevention of and protection against fire and asphyxiation hazards; supervises the testing of completed pipe line system; controls and operates pipe line distribution of products and establishes and maintains pipe line patrol crews to protect systems against operational breakdowns; directs the maintenance of unit records and preparation of technical and administrative reports. May command an Engineer Petroleum Distribution Detachment or company and be responsible for its administration, technical and tactical training, transportation, supply, and security.

Must be thoroughly familiar with methods of constructing pipe lines. Should be familiar with special protective measures for certain soil conditions. Should be familiar with the employment of ditching and earth-moving equipment, centrifugal

and reciprocation pumps, and welding and machine shop equipment.

Broad civilian experience in the construction, maintenance, and repair or operation of pipe line distribution systems essential.

College training in civil engineering desirable.

#### SOURCE JOBS

Construction Engineer	Pipe Line Construction
Civil Engineer	Superintendent or Foreman
Highway Engineer	Oil Field Superintendent or Foreman

#### GEOLOGIST (7940)

Conducts geological surveys and investigations. Surveys land to determine topography and extent of various oil and mineral bearing strata; collects samples of rock and soil and determines extent, slope, and thickness of rock layers; determines areas and height of proposed construction by judging slope and load capacity of bedrock; drafts geological maps showing rock outcropping, and folds and breaks in the surface of the earth; makes recordings, maps, and diagrams of regions explored; supervises maintenance of supplies, instruments used in making geological tests and soundings and other equipment. May assist in conducting location surveys for water resources.

Civilian experience in the field of geology essential.

College training in geology and mineralogy essential.

#### SOURCE JOBS

Geologist	Mineralogist
Hydraulic Engineer	

#### SEWAGE DISPOSAL ENGINEER (7950)

Plans, designs, and supervises the lay-out, construction, and operation of a sewage disposal system. Supervises excavation for construction of filter beds and pipelines; directs the sinking and boring of shafts and tunnels, the laying of pipes, and the concreting of tunnel walls; supervises construction and operation of filter beds, pumping stations, and related sanitary facilities; directs installation and maintenance of drain pipes, sewers, plumbing, and sanitary fixtures. May perform similar duties in connection with water supply facilities.

Must have knowledge of sewage disposal plant

construction and operation and be able to direct workmen engaged in digging, shoring, pipe laying, concreting, bricklaying, rough carpentry, and related tasks.

Supervisory experience in construction, operation, and maintenance of sewage disposal plants, plumbing and sanitation facilities, and filter beds essential.

College training in civil or mechanical engineering very desirable.

#### SOURCE JOBS

Disposal Plant Superintendent	Construction Contractor, sewage plant Waterworks Engineer
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#### WATERWORKS ENGINEER (7951)

Plans, designs, and supervises the lay-out and construction of water supply facilities. Supervises excavation for construction of reservoirs and pipe lines; directs the sinking and boring of shafts and tunnels, the laying of pipes, and the concreting of tunnel walls; supervises construction, operation, and maintenance of reservoirs, filtration plants, chlorination plants, pumping stations, water towers, and other related construction work; supervises test and treatment of boiler and drinking water. May perform similar duties in connection with sewage disposal.

Must have knowledge of pumping and filtration plant construction and operation, and be able to direct workmen engaged in digging, shoring, pipe laying, concreting, bricklaying, rough carpentry, and related tasks.

Supervisory experience in construction, operation, or maintenance of water supply facilities, and in piping, plumbing, and filtration operations essential.

College training in civil or mechanical engineering very desirable.

#### SOURCE JOBS

Waterworks Superintendent	Sewage Disposal Engineer
Construction Contractor, waterworks	

#### EROSION CONTROL ENGINEER (7953)

Classifies, designates, and maps soil erosion conditions and investigates and develops plans in soil erosion control work. Supervises reconnaissance surveys of soil types, slopes, and erosion hazards; plans for water control and drainage structures; su-

pervises vegetation work and maintenance and repair of related structures and sodded areas; makes field inspections to determine effectiveness of planning and adequacy of materials and equipment; makes cost estimates for labor and material for original work and maintenance.

Must have knowledge of surveying, drainage, soil analysis, and soil types. Must be familiar with agrostology and botany. Should be familiar with employment of farm power tools.

Experience in erosion control, soil conservation work, county agricultural work, civilian conservation crops erosion control, or highway control desirable.

College training in civil engineering, agricultural engineering, or agronomy desirable.

#### SOURCE JOBS

County Agricultural Agent	Agronomist
Highway Maintenance Engineer	Soil Conservationist
	Agricultural Engineer

#### SANITARY ENGINEER (7960)

Serves as technical consultant in matters pertaining to, and makes regular inspections of, water supplies, sewerage and sewage treatment, swimming pool operation, mosquito and rodent control, garbage and refuse disposal, and general environmental sanitation from the standpoint of sanitary engineering; determines remedies or desirable changes; reports findings and follows through on adopted policies and procedures.

Must have at least 4 years' actual experience in sanitary or public health engineering, including at least one of the following activities: water supply and treatment, sewage treatment, mosquito control, rodent control.

Must be a graduate of an accredited college or university, with specialization in civil, sanitary, or chemical engineering. Graduate degree may be substituted for one year of experience.

#### AIRPORT ENGINEER (7970)

Directs or supervises design and construction of temporary and permanent landing fields and facilities at Army Air Forces stations, air bases, and air fields both domestic and overseas. Prepares specifications for and supervises construction of runways, taxiways, dispersal and parking areas, hangars, operations towers, and gasoline storage facil-

ties; inspects materials and workmanship of contractor and troop labor; insures compliance with construction specifications; maintains records and prepares reports pertaining to activities.

Must have knowledge of methods of laying various types of surfaces, such as asphalt and concrete. Should be thoroughly familiar with soil analysis, soil mechanics, drainage and sub-surface problems. Should be able to direct construction gangs engaged in digging, grading, hauling, compacting and surfacing by hand and by use of construction equipment. Should have working knowledge of construction of various types of buildings.

Military experience desirable.

Civilian experience in construction engineering, especially airport projects, and preparation of engineering plans essential.

Must have college training in civil engineering or equivalent practical experience.

#### SOURCE JOBS

Civil Engineer	Construction Superintendent
Airport Engineer	Highway Construction
Highway Engineer	Supervisor

#### DRAFTING AND REPRODUCTION OFFICER (7980)

Prepares working plans and detail drawings from rough or detailed sketches, or notes, and specifications of illustrations, sketches, charts, maps, mechanical drawings, and building plans. Supervises reproduction of these drawings by various methods, such as blueprinting, lithographing, photolithography, Van Dyke printing, black and white prints, Ozalid process, tracing cloth, and line etching; inspects various stages of work and finished drawings and reproductions, making necessary corrections; supervises personnel and is responsible for proper operation and maintenance of reproduction equipment.

Must have thorough knowledge of drafting techniques and procedures and be familiar with various reproduction processes.

Should be a trained draftsman, or college graduate with engineering training.

#### SOURCE JOBS

Mechanical Draftsman	Illustrator
General Draftsman	Statistical Draftsman

## ECONOMICS OFFICER, MILITARY GOVERNMENT (8000)

Directs and supervises one or more civil economic activities for military government of an occupied territory. Supervises the agriculture, natural resources, industry, commerce, labor relations, price control, and rationing of the occupied territory; directs imports, exports, and internal trade; directs the operation of mines, oil and gas wells, lumbering, fisheries, water and power, manufacturing, and other industries; controls the management and supply of labor, including labor relations, organization and policies; supervises the supply and distribution of food, fuel, and other necessities; directs and supervises subordinate personnel.

Should possess tact, diplomacy, and understanding of social behavior. Must be expert in handling operations in field of specialization. Knowledge of foreign language desirable.

Several years executive experience with large public or private organization engaged in such fields as natural resources, agriculture, industry and commerce, labor, or price control and rationing essential.

Should have graduated from college or from a recognized professional school in field of specialization.

### SOURCE JOBS

Economist	Agriculture Specialist
Engineer	Labor Consultant
Geologist	Personnel Officer
Director, State Extension Service	Price Control Administrator
Executive, industrial or commercial establishment	Importer or Exporter

## LEGAL OFFICER (8101)

Examines and reviews legal aspects of facts in a case, and advises staff members concerning legal matters. Reviews legal provisions and recommends policies in accordance with statutes; writes legal opinions and draws up legal documents; assists in the drafting, negotiation, and termination of standard and special contracts; prepares opinions on questions of procurement regulations; performs legal duties pertaining to such matters as purchase and contract, property claims, maritime and international law, and allowances for family dependency; makes recommendations on claims of contracting agents and agencies; maintains liaison with Department of Justice and the Judge Advocate General's

Department regarding legal questions; supervises legal clerks in performance of duties. May serve on legal review committees.

Must be thoroughly familiar with public laws and Army regulations dealing with operations of particular unit to which assigned. Should have knowledge of contract and commercial law, and of statutes affecting War Department. Should have ability to organize and supervise a group of legal clerks.

Several years experience as practicing attorney essential. Civilian experience in governmental and commercial contract matters desirable.

Should have law degree and be a member of the bar.

### SOURCE JOBS

Lawyer	Contract Attorney
Claims Investigator	

## JUDGE ADVOCATE OR JUDGE ADVOCATE GENERAL (8103)

Furnishes advice and services on legal aspects of business, property, administrative, and financial operations under jurisdiction of Secretary of War. Prepares opinions on legal questions concerning such matters as claims, discipline, liabilities, rights, and privileges of military personnel, and activities of military installation; supervises the administration of military justice and reviews proceedings of military courts, commissions, and tribunals; advises on legal questions pertaining to claims arising out of maritime accidents and executed contracts, and on legal problems concerning civilians in occupied territory during hostilities or domestic disturbances. May furnish legal advice and render service to War Department on claims, governmental contracts, patents, copyrights, taxation, and rights of civilian employees. May prepare legal documents and digests for publications.

Must have comprehensive knowledge of legal principles and applications. Must be able to present statements of facts and law under formal judicial procedure.

Military experience including training in military law and Army administration essential.

Must have broad legal experience as practicing attorney including civil and criminal practice, and trial and office work.

Must be graduate of accredited law school and member of bar association.

## SOURCE JOBS

Attorney  
Jurist

Instructor in Law

### CIVIL AFFAIRS OFFICER, MILITARY GOVERNMENT (8104)

Directs and coordinates administration of civil affairs in an occupied territory. Advises commanding officer on matters pertaining to administration of civil affairs in occupied territory; coordinates activities of agencies established to control civil affairs, such as public works, communication, education, finance, welfare, agriculture, commerce, industry, public health, and police functions.

Must have considerable knowledge of military government and Army administration.

Military experience essential.

Considerable executive experience with public agency involving administrative, legal, and policy-making functions essential.

## SOURCE JOBS

International Law Expert  
Jurist

Executive, governmental agency

### LEGAL OFFICER, MILITARY GOVERNMENT (8107)

Advises on legal problems of military government and questions of military law, international law, or the law of the country occupied. Organizes, supervises, and serves as member of military commissions and provost courts; considers claims of inhabitants of the foreign territory against the United States, and claims of the United States and its military and civilian personnel against the foreign territory or its inhabitants; performs other legal duties as may be necessary and supervises subordinate legal personnel.

Must be thoroughly familiar with United States military laws and the laws of war, civil and criminal court procedure, public prosecutions, and practice of international law; must be able to deal effectively with important Government and military officials. Knowledge of law and foreign language of particular country occupied very desirable.

Should have several years' experience with an important public or private agency, involving broad legal, administrative, and policy-making functions.

Should be law school graduate.

## SOURCE JOBS

Lawyer  
Jurist

International Law Expert  
Prosecuting Attorney

### LEGAL REVIEWER, CONTRACT (8110)

Makes legal analyses of contracts involving legal accuracy of specifications and conditions of contract or proposed settlements in renegotiation for elimination of excessive profits. Evaluates and analyzes financial position of contractor and adequacy of working capital; examines contracts, and renders opinions on propriety of various items, such as contract terms, income accounts and operating statements of contractor; prepares summary of relevant factors involved in contract negotiation or renegotiation; supervises form of reporting and instructs subordinates in form and manner of presenting information.

Should have broad knowledge of corporate legal work, corporate taxes and finance, and be able to analyze corporate and other financial statements in terms of earnings, operating results, and corporate structure.

Must have considerable experience in corporate legal work including review and preparation of contracts.

Must have college degree in law.

## SOURCE JOBS

Corporate Lawyer      Contract Attorney

### LEGAL ASSISTANCE OFFICER (8120)

Furnishes legal advice and assistance to military personnel at a post, camp, station, or other installation in the conduct of their personal affairs. Interviews military personnel requesting legal advice and advises on legal problems except those pertaining to courts martial; advises on and assists in writing wills, interpretation of insurance policies, and execution of other legal matters and papers; refers military personnel to civilian lawyers or legal aid organizations; collaborates and maintains liaison with civilian lawyers in organization and operation of legal assistance office.

Must have knowledge of law and should be familiar with administrative procedures.

Civilian experience in legal office essential.

Graduation from law school very desirable.

## SOURCE JOBS

Attorney

Special Investigator

### APPEALS OFFICER (8123)

Receives and reviews appeals of registrants regarding alleged improper classification by Selective Service. Examines registrants' applications for reclassification and determines whether registrant is properly classified; determines eligibility of members of religious sects for deferment and makes recommendations or renders decision for advice and guidance of local boards; advises State Selective Service director on appeals and legal matters and interprets Selective Service regulations. May prepare appeals for hardship and privation cases for forwarding to Presidential Appeals Board.

Must have thorough knowledge of Selective Service rules, regulations, and procedures, and be familiar with local board classification procedures.

Civilian legal experience desirable.

#### SOURCE JOBS

Lawyer	Magistrate
Jurist	Legal Clerk

### CLAIMS OFFICER (8125)

Investigates accidents involving military personnel or equipment which may result in claims in favor of or against the United States Government. Covers all phases of investigation, including possible claims against the Government, line-of-duty status of injured military personnel, and need of disciplinary action; prepares report of investigation and recommends action. May estimate amount of damage or loss of property and effect settlement of claims. May advise on legal rights and obligations and render decisions on legality of claims.

Must be thoroughly familiar with Army regulations and court decisions pertaining to claims; must have knowledge of law and investigation procedures.

Legal and investigation experience very desirable.

Should have graduated from an accredited law school, or have equivalent practical experience.

#### SOURCE JOBS

Special Investigator	Lawyer
Insurance Claims	Legal Clerk
Investigator	

### MARINE CASUALTY INVESTIGATING OFFICER (8127)

Investigates casualties arising out of marine

disasters. Makes investigation of damage to, loss, or destruction of vessels, cargoes, and waterfront facilities; investigates personal injury or death to military and civilian personnel; covers all phases of the casualty including possible claims against or in favor of the government, the line-of-duty status of military personnel, survey matters, the necessity of special reports of fires, explosions, storms, and other serious occurrences; determines disciplinary action or redress of injury to property; processes casualty claims; estimates amount of damage or loss and effects settlement; prepares and submits reports of investigation and recommends action. May administer hull, protection, and indemnity insurance coverage on War Department craft for marine peril and war risk against third party liability. May advise on legal rights and obligations associated with marine casualties. May render decisions on legality of claims.

Must be thoroughly familiar with Army Regulations and court decisions on water transportation, marine insurance, and claims.

Civilian experience in marine insurance, adjustment of marine claims, or admiralty law essential.

Should have graduated from an accredited law school including study in admiralty law, or have equivalent practical experience.

#### SOURCE JOBS

Admiralty Lawyer	Marine Claims Adjuster
Marine Casualty	Marine Insurance
Investigator	Adjuster

### PATENT OFFICER (8130)

Secures patents from Government Patent Office for inventions, designs, improvements, and engineering developments. Writes specifications for patents; prepares, files, and prosecutes applications for patents, interferences, and appeals; supervises collection and preparation of evidence in patent infringement suits. May advise organization on rights and requirements of patents. May assist in the development of contracts. May render opinions on questions of patent and copyright law.

Civilian experience dealing with patents essential. Legal experience with engineering or manufacturing organizations very desirable.

Law degree very desirable.

#### SOURCE JOBS

Patent Lawyer	Patent Solicitor
Patent Clerk	

## METEOROLOGICAL PROJECT OFFICER (8204)

Supervises personnel engaged in the installation of weather forecasting stations. Advises on selection of and location of weather stations; arranges for procurement of equipment and construction materials; supervises construction and maintenance of weather stations.

Experience with weather department of commercial airlines or United States Weather Bureau very desirable.

College training with specialization in meteorology very desirable.

### SOURCE JOBS

Meteorologist  
Weather Observer or  
Forecaster

Meteorology Instructor

and equipment; plans, designs, develops, and tests experimental weather instruments and equipment; interprets results of tests and experiments; prepares findings and makes recommendations for new equipment and improvement of current equipment based on tests and experiments; advises manufacturing engineers in design, methods of workmanship, and materials to be used.

Must possess analytical and creative ability; must be able to supervise extensive meteorological research programs.

Military experience with branch of service using weather instruments and equipment very desirable.

Civilian experience in design, development, and testing of meteorological equipment essential.

College training in meteorology or physics essential.

## WEATHER ENGINEERING AND SURVEY OFFICER (8205)

Supervises maintenance and inspection of mechanical weather equipment and is responsible that equipment is in state of readiness for service. Supervises installation and maintenance of weather instruments and equipment; conducts field tests and experiments and recommends modifications and improvements; directs or supervises requisition, storage, maintenance, and issue of weather equipment and supplies; makes inspection periodically of organizational equipment and matériel and recommends proper disposition or repair of unserviceable items.

Must be a qualified weather equipment technician.

Should have college training in mechanical engineering or equivalent practical experience.

### SOURCE JOBS

Mechanical Engineer  
Meteorological  
Inspector

Electrical Engineer  
Meteorologist

## METEOROLOGICAL RESEARCH ENGINEER (8210)

Supervises research in form of exhaustive investigation and experimentation on weather instruments and equipment to discover, interpret, and apply new facts concerning operating efficiency. Tests operating efficiency of weather instruments

### SOURCE JOBS

Electrical Engineer  
Meteorologist

Mechanical Engineer  
Physicist

## WEATHER OFFICER—PILOT (8218)

Makes or supervises the making of weather observations and forecasts according to latest principles and procedures and operates aircraft necessary to perform weather duties. Analyzes weather data in conformance with standard weather principles and procedures; instructs air crews in weather observation and interpretation and in proper use of weather service. May assist in briefing flights. May organize and establish weather stations. May command weather detachment or squadron and perform administrative duties necessary in effecting operation of weather service.

Must be a rated pilot.

Graduation in meteorology from a college or university approved by Army Air Forces or from Air Corps Technical School, or experience in weather forecasting in governmental or commercial weather service essential.

### SOURCE JOBS

Meteorologist

Weather Forecaster

## WEATHER OFFICER (8219)

Makes or supervises the making of weather observations and forecasts according to latest principles and procedures. Analyzes weather data in conformance with standard weather principles and procedures; prepares climatological studies indi-

cating probability of occurrence of specific weather phenomena. May instruct air crews in weather observation and interpretation and in proper use of weather service. May assist in briefing flights. May organize and establish weather stations. May command weather detachment or squadron and perform administrative duties necessary in affecting operation of weather service.

Graduation in meteorology from a college or university approved by Army Air Forces or from Air Corps Technical School, or experience in weather forecasting in governmental or commercial weather service essential.

#### SOURCE JOBS

Meteorologist                    Weather Forecaster

#### PHOTOGRAPHIC UNIT COMMANDER (8500)

Commands ground photographic unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs technical and tactical employment of unit in operations with combat troops; supervises taking of still or motion pictures of such subjects as equipment, friendly or enemy installations, training subjects, and combat operations. May direct processing of still or motion pictures. May assist in photographic censorship.

Must be familiar with technical problems peculiar to military photographic operations.

Military experience essential.

Experience in administrative or technical supervision of news or commercial photographic organization very desirable.

#### SOURCE JOBS

Commercial                      News Photographer  
Photographer                      Photographic Darkroom  
Motion Picture                      Man  
Cameraman

#### AERIAL PHOTOGRAPHIC OFFICER (8502)

Directs or supervises aerial photographers and laboratory technicians of the photographic section of an Army Air Forces bombardment, reconnaissance, or other unit. Supervises taking and processing of ground and aerial photographs; supervises training and instruction of section personnel

in operation of aerial and ground cameras, use of darkroom equipment, and construction of aerial photographic mosaics; procures, stores, maintains, and inspects cameras, films, and other photographic equipment and supplies; supervises installation of cameras and photographic equipment in aircraft; supervises work of unit photographic laboratory, seeing that films and prints are correctly processed and that composite photographs are properly prepared; advises commander on adequacy, capacity, and operation of photographic equipment and related matters. May take aerial photographs.

Must be familiar with methods of taking and processing ground and aerial photographs; construction of composite aerial photographs; operation and use of camera and other photographic equipment and supplies; and security measures in connection with photographic operations. Should be qualified for flying duty.

Completion of Air Corps Technical School courses in aerial photography and photo-interpretation desirable.

#### SOURCE JOBS

Aerial Photographer	News Photographer
Phototopographer	Photographic Laboratory
Commercial	Technician
Photographer	

#### PHOTO INTERPRETER (8503)

Identifies, analyzes, and tabulates information from photographs. Examines aerial photographs stereoscopically using the photointerpretometer and various other optical instruments as interpretation aids; determines location of enemy military installations, vital industries, rail and shipping centers, storage facilities and dumps, strength and position of enemy personnel, equipment and defense installations; computes bomb fall plots and bomb damage assessment reports; identifies type and number of enemy airfields, aircraft, naval equipment and ships, and antiaircraft and artillery positions; compares new photographic coverage with previous coverage of same location to detect changes in enemy installations and industries, camouflaged areas, dummies and decoys, writes immediate and detailed reports and summaries of interpretations; prepares sketches, diagrams, statistical charts, and specialized research reports, as required, related to intelligence information gleaned from photographs; coordinates photo-interpretation activities with related intelligence work. When as-

signed to AAF may have staff responsibility for the preparation of pertinent camouflage plans contributing to local security.

Must be able to detect slight variations in appearance of vegetation and contour and to identify geographical features and works of man in aerial photographs. Must have thorough knowledge of military installations, principles of identification, map reading, and tactical employment of ground troops. For assignment to AAF should have sufficient knowledge of camouflage to prepare deception plans and supervise their execution.

Civilian experience in aerial photography, civil engineering, geology, cartography, geography, surveying, forestry, soil conservation, photogrammetry, architecture, landscape architecture, or in a natural science, such as botany or zoology, very desirable.

College education with a major in engineering, geology, economic geography, architecture, or forestry, very desirable.

#### PHOTOGRAPHY DIRECTOR (8511)

Directs photographic unit in production of still and motion-picture films, film strips, and training films for training, informational, and recreational purposes. Directs photographing of scenes and episodes; supervises operation and maintenance of projection room and photographic facilities and equipment; assists in planning stage settings and inspects work of stage scenery designers; directs reviewing and editing of films; maintains liaison with governmental agencies and civilian organizations to aid in development of new types of pictures. May direct photographic productions for propaganda purposes or for use in orientation programs.

Must have knowledge of principles and techniques of still and action photography and be able to tell a story with motion pictures. Should be able to supervise repair and maintenance of photographic equipment.

Military experience essential. Must be familiar with tactics and techniques of motion picture groups in military service.

Production experience on feature productions or short subjects essential.

Should have training in photography or the equivalent in practical experience.

#### SOURCE JOBS

Motion Picture  
Director

Staff Cameraman  
Motion Picture Producer

### MOTION PICTURE LABORATORY SUPERVISOR (8515)

Supervises operations of motion picture processing laboratory. Coordinates film processing operations and inspects laboratory equipment; supervises personnel engaged in film processing and testing; inspects motion picture films by projection to locate defects and to check density.

Must understand use and application of principles, techniques, machinery, processes, and standards involved in processing of motion picture films.

Supervisory experience in motion picture laboratories or film manufacturing, testing, or research organizations essential.

#### SOURCE JOBS

Film Laboratory  
Supervisor

Photographic Film Manufacturing Supervisor

### MOTION PICTURE EDITOR (8516)

Supervises editing of motion pictures. Previews and directs the previewing of films to check on continuity of theme, effectiveness of action or dialogue, accuracy of historical events, or other references; directs the cutting, titling, rearranging, and placing of sound effects in scenes and episodes, and reviews films for final effectiveness; supervises personnel in administrative and technical phases of editing, and in maintenance of files and records of films and related information.

Must be able to review and evaluate scenes and episodes of military significance for purpose of achieving appropriate and effective continuity of theme, action, and dialogue. Should be familiar with sound recording, music recording, and negative cutting techniques.

Administrative experience in editing, cutting, and titling motion picture films essential.

Should have college education with specialization in journalism or photography.

#### SOURCE JOBS

Film Editor

Motion Picture Reviewer  
or Cutter

### SOUND RECORDING OFFICER (8517)

Directs or supervises technical activities of a sound recording, sound equipment maintenance unit, or similar organization. May operate single

or double sound motion-picture recorder on aerial or ground missions.

Should know how to operate single or double sound motion picture recorder. Must be familiar with tactics and techniques of motion picture unit in military service.

Military experience essential. Service in sound department of a training film unit desirable.

Experience in the design, research, operation, or maintenance of sound recording equipment essential.

Training in electrical engineering with specialization in motion picture sound recording technique and equipment essential.

#### SOURCE JOBS

Sound Recording En-  
gineer  
Electrical Engineer

Sound Recording Tech-  
nician

#### ANIMATION PHOTOGRAPHY DIRECTOR (8518)

Directs or supervises animation section of a photographic laboratory or training film production unit. Obtains ideas for cartoons from news items and directs their presentation; sketches cartoons and directs and instructs personnel in drawing cartoons and preparing animated charts, maps, and working drawings; directs photographic operations in transforming cartoons into motion pictures; supervises labeling, coloring, and sound effects for animation motion pictures; coordinates activities concerned with sketching and photographing cartoons; issues requisitions for art supplies and photographic equipment.

Must have thorough understanding of principles and techniques of animation.

Military experience very desirable; should include supervisory experience with major unit of the Army's training film program.

Experience in planning, supervising, and executing animation motion pictures essential. Should have participated in the production or direction of at least five one-reel animated cartoons or similar subjects produced by a recognized agency.

#### SOURCE JOBS

Animation Cartoonist

Animation Director

#### FILM STRIP PRODUCTION OFFICER (8519)

Directs a film strip production group. Super-

vises the preparation of film slide material; directs operation and maintenance of film slide equipment; requisitions photographic materials and equipment.

Must know techniques, methods, physical requirements, and equipment used in production of film slides.

Civilian experience in production of film strips or animated motion pictures essential.

#### SOURCE JOBS

Animation Studio Artist

Slide and Film Strip  
Producer

#### MOTION PICTURE COORDINATING OFFICER (8520)

Coordinates physical production sections of a motion picture production unit. Integrates electrical, stage, sound, cutting, and property functions and activities; expedites work of section or sections in order to meet requirements and rush assignments; plans and controls technical aspects of production in order to achieve greater efficiency.

Knowledge of functioning, relationship and operation of editing, camera, electrical, stage, property, and sound departments and the ability to coordinate work of these departments essential.

Military experience desirable. Must be familiar with tactics and techniques of a motion-picture group in military service.

Considerable experience in management of studio or in producing with a large picture production organization essential.

#### SOURCE JOBS

Studio Manager

Motion Picture Producer

#### SCENARIO WRITER (8521)

Develops ideas for motion picture stories, receives synopses, and writes or directs writing of scripts. Writes scripts in skeleton form; describes series of action incidents in story devoid of conversation and description; consults with motion picture production and scenario editor regarding type of story to be written; maintains liaison with arms and services in order to aid in planning production of training films and other military motion pictures.

Military experience essential. Must be familiar with tactics and techniques of motion picture production in military service.

Should have civilian experience in preparation of

motion-picture shooting scripts and in writing scenario for feature films or short subjects.

#### SOURCE JOBS

Scenario Writer  
Scenario Editor

Film Reviewer

#### FILM DISTRIBUTION OFFICER (8522)

Supervises and directs the distribution of motion and still pictures. Maintains film library, film storage unit, or film exchange; procures and distributes photographs, film strips, training films, and motion and still pictures; estimates quantities of films required for distribution; receives, edits, and approves requisitions for film materials; maintains liaison with educational, recreational, and welfare officers and governmental agencies with reference to training films and motion or still picture requirements; controls operations relating to storage and packing of photographic materials and equipment; prescribes handling methods to insure security of film material; maintains records and files, and furnishes data relating to distribution, inventories, weights, volumes, and space requirements.

Must be able to direct operations of film distribution and circulation. Should be familiar with tactics and techniques of photographic units in military service.

Military experience required. Must be familiar with distribution procedures related to still or motion pictures.

Should have civilian experience with film exchange or distribution agency.

#### SOURCE JOBS

Motion Picture  
Librarian

Motion Picture Distributor

#### FOREIGN FILM OFFICER (8525)

Supervises production of information and entertainment pictures for distribution in foreign countries. Directs translation and adaptation of domestic films into foreign languages; coordinates the editing and review of combat films required by War Department or other governmental agencies; supervises translation activities of civilian experts; contacts various branches to coordinate training activities, and personnel, supply, and equipment requirements for foreign film units. May supervise translation of foreign films into English.

Civilian experience in motion picture production, or language instruction and translation very desirable.

College training with specialization in modern languages essential.

#### SOURCE JOBS

Motion Picture Producer  
Motion Picture Director  
Motion Picture Writer

Instructor, Modern  
Languages  
Translator

#### MOTION-PICTURE CAMERAMAN (8530)

Directs photographing of scenes with sound motion-picture cameras. Supervises setting up of camera, determination of lens apertures, and selection of lens; studies scale drawing of stage sets and directs lighting; surveys and inspects general effect of complete stage set and orders changes in lighting to enhance objects; supervises manipulation of camera to follow scene of action; arranges for repair and storage of cameras. May serve as aerial or ground motion-picture cameraman in theaters of operation.

Must know principles and techniques of motion-picture photography; operation, maintenance, and use of motion-picture camera equipment; motion-picture lighting equipment; manipulation of mechanical devices to produce special effects.

Should have considerable experience in motion-picture photography or in special effects and process-screen camera work.

#### SOURCE JOBS

Motion-Picture Cameraman  
Process-Screen Cameraman

Newsreel  
Cameraman

#### MOTION-PICTURE PRODUCER (8537)

Supervises preparation of motion-picture films to be used for information, training, orientation, and entertainment of military personnel and for historical record. Directs preparation of initial plans, selection of suitable locations, shooting of scripts, and assembling of essential information and historical data; studies and analyzes significance of subjects for use in military training and informational films; selects topics and issues of special interest or importance as themes or ideas for scenarios, such as troop training, oversea action, matériel production, and civilian mobilization; arranges for field photographic work; develops educational film programs and supervises selection

of commercial educational films for use in camps; reviews and criticizes final film prior to release; supervises maintenance of files, records, and reference material.

Should have thorough knowledge of techniques used to establish dramatic interest, continuity of theme, and sustained audience appeal.

Military experience desirable. Must be able to select and evaluate subjects of military significance for adaptation into effective story material.

Must have experience in creation and preparation of motion-picture scenarios or scripts and production of motion pictures.

Technical school training in motion-picture photography, or college training in journalism or dramatics very desirable.

#### SOURCE JOBS

Film Director	Motion-Picture Technician
Scenario Writer	Motion-Picture Cameraman
Script Writer	

### STILL PHOTOGRAPHY OFFICER (8540)

Supervises the work of photographic personnel of a still picture unit engaged in taking, developing, and finishing still pictures. Supervises the preparation of still pictures films for exhibition in this country or overseas; directs preparation of plans and scripts and assembling of information; arranges for taking of still pictures; reviews and criticizes final film prior to release; maintains liaison with other military units and civilian organizations to coordinate training and educational film programs.

Military experience essential. Must be trained in tactics and techniques of still photography in military service.

Must have experience in news, commercial, or portrait photography, or in commercial finishing.

#### SOURCE JOBS

News Photographer	Photography Instructor
Commercial Photographer	Commercial Film
Portrait Photographer	Finisher

### MICROFILM PHOTOGRAPHY OFFICER (8545)

Supervises and administers operation of a microfilming unit. Directs the photographing of important documents on small film for permanent compact records to be used in shipping film to mili-

tary installations, particularly to oversea units; supervises and instructs personnel in V-mail processing methods.

Military experience, including training in V-mail or other microfilm processing, very desirable.

Civilian experience in operating continuous film or paper processing equipment and in photographing material on strip film very desirable.

#### SOURCE JOBS

Microfilm Photographer	Photographic Laboratory
Photostat Operator	Technician

### MEDICAL PHOTOGRAPHER (8547)

Obtains and photographs film strips, still pictures, and colored slides of medical subjects to be used for illustration or for medical training purposes. Photographs medical subjects such as wounds, medical specimens, laboratory procedures, and surgical operation techniques; supervises photographing of new devices, techniques, and procedures as permanent record of medical and surgical developments. May operate motion-picture equipment.

Must have experience in medical photography or medical illustration.

College training with specialization in chemical, physical, or biological sciences essential.

#### SOURCE JOBS

Commercial Photographer	Motion-Picture
Portrait Photographer	Cameraman
Photolithographer	

### MOTION PICTURE UNIT MANAGER (8550)

Supervises and coordinates administrative operations of motion picture unit. Secures equipment, personnel, and props for production; arranges for transportation of crew, actor personnel, and equipment; requisitions materials and equipment; takes and verifies inventories; directs maintenance of building and machinery; arranges for storage of camera equipment and film in field and on location; keeps financial records and makes reports of income and expenses; arranges for quarters and mess for personnel and performs administrative duties to insure smooth operation of unit.

Civilian managerial experience with motion-picture company essential.

## SOURCE JOBS

Studio or Stage Manager      Film Director  
Motion Picture Producer

### PUBLIC SAFETY OFFICER (9000)

Directs and supervises one or more public safety activities in an occupied territory. Directs maintenance of order and prevention of crime among the civilian population by use of civilian police and prisons and, in consultation with Provost Marshal, the use of military police; maintains control of traffic in liquor and narcotics and circulation of civilians; consults with military intelligence and in connection with censorship policies, orders, and regulations; exercises control or supervision of fire departments; supervises subordinate personnel in the performance of duties.

Should possess tact, diplomacy, and understanding of social behavior. Knowledge of foreign language very desirable.

Should have several years' experience as a head or principal officer of a governmental police or fire system, forestry or national park protection system, civilian defense organization, large prison, or probation or parole department.

Graduation from college desirable.

## SOURCE JOBS

Chief or principal officer of police, fire, prison, probation, civilian defense, or national parks department

Counterfeit Expert  
Narcotics Expert

### POSTAL INSPECTOR (9010)

Inspects or supervises inspections of Army postal operations. Prepares and issues directives to personnel responsible for proper distribution of mail; investigates complaints, bottlenecks, and other problems affecting efficient operation of postal service; conducts special inspections of Army post office at posts, camps, and stations, and submits reports of findings and recommendations.

Should be familiar with Army organization and administration.

Considerable civilian supervisory experience in the United States Postal Service essential.

### INFORMATION OFFICER (9020)

Directs and supervises activities pertaining to col-

lection of information regarding civilian Americans in enemy countries, enemy aliens under surveillance, and American or enemy prisoners of war. Maintains complete records of American civilian and military personnel in hands of the enemy, or of enemy aliens and prisoners of war; supervises the preparation of index and correspondence files for each and replies to and follows up inquiries concerning interned personnel; prepares and dispatches lists of enemy prisoners of war to International Red Cross, United States Government agencies, and other protecting powers; coordinates activities and maintains liaison with State Department, The Adjutant General's Office, Navy Department, and Red Cross; maintains location maps of prisoner of war internment camps and hospitals; directs forwarding of mail from and to American prisoners of war.

Must be familiar with Red Cross and Geneva Conventions regulations regarding internees and prisoners of war; should have legal and administrative ability to handle responsible duties requiring tact, resourcefulness, and initiative.

College education desirable; should have special training in law or business administration.

## SOURCE JOBS

Lawyer  
Personnel Manager  
Chief Clerk

Administrative Officer  
Office Manager

### PROVOST MARSHAL (9100)

As special staff officer, advises and assists commanding officer in the supervision and operation of security measures, police matters, disciplinary regulations, and emergency plans. Prepares plans, policies, and regulations pertaining to organization, training, operation, and equipment of guard and police personnel; establishes and maintains a system of records and reports necessary for police purposes such as identification of personnel and maintenance of information centers; supervises investigations of accidents and crimes occurring on military property or involving military personnel; prepares directives relative to traffic control, security of military personnel, weapons and critical equipment, registration of private property and conduct of personnel; cooperates with local law enforcement agencies to control conduct of military personnel; supervises apprehension and disposition of absenteest; conducts authorized inspections of guard and police units and activities; formulates standing operating procedures for emergency assistance in con-

nection with disaster relief work, fires, airplane crashes or other disasters. May direct investigations of persons applying for employment in military establishments. May direct collection and custody of enemy aliens and prisoners of war, and operation of camps and inclosures. May supervise protection of vital installations against sabotage and fifth column activities. May arrange for reception of distinguished visitors.

Must have executive ability and knowledge of Army administrative work and military police regulations and procedures.

Military experience essential with graduation from Provost Marshal General School desirable.

Civilian experience should include specialization in law enforcement and investigation, or in police administration.

College training desirable, with courses leading to a law degree preferred.

#### PROVOST MARSHAL, FIELD (9101)

Directs activities of military police units in the enforcement of military laws and regulations, protection of public works, prevention and investigation of crime, control of vehicular traffic, and collection and custody of prisoners, enemy aliens, and stragglers. Provides for the protection of designated establishments, public works, and localities of special importance from pillage, sabotage, and damage; arranges for proper protection of troops and civilian populations against violence; assists civil authorities in the enforcement of laws and prevention of crime; supervises the evacuation and repatriation of civilian population; assists in the enforcement of gas defense, antiaircraft measures, blackouts, and other security and secrecy measures, relieves combat organizations of custody of prisoners of war, and operates prisoner of war system, performs administrative duties required for general welfare and discipline of troops under command.

Must be thoroughly familiar with all laws, rules, and regulations that are to be enforced, including pertinent portions of Articles of War, Army Regulations, rules of land warfare, and methods of criminal investigations. Should know measures of individual protection against all kinds of violence, and of crowd control and suppression of disturbances. Should possess good knowledge of staff and command functions.

Military experience essential, including graduation from Provost Marshal General School. Completion of Command and General Staff School desirable.

Civilian administrative or executive experience in police administration, traffic control, or legal work desirable.

Should be college graduate or have equivalent in training and experience.

#### MILITARY POLICE OFFICER (9110)

Directs and supervises military police in the protection of property and maintenance of good order and discipline at a post, camp, station, or other military installation. Supervises enforcement of laws, rules, and regulations pertaining to the maintenance of order and discipline, and prevention and investigation of crimes and disorders; supervises the performance of interior guard duty as directed; provides for adequate traffic control in military area and controls the movement of personnel to and from military area; performs necessary administrative duties as required.

May assist civil police in adjacent areas by maintaining order among military personnel, taking into custody deserters and other offenders, providing information to military personnel and civilians, and assisting in traffic control when troop movements are in progress.

Must possess working knowledge of military police organization, methods, techniques, equipment, and weapons; must possess force, initiative, resourcefulness, tact, and good appearance.

Military experience essential, including graduation from Military Police School.

Administrative or executive experience in traffic control, police administration, or legal work desirable.

#### SOURCE JOBS

Policeman  
Guard

Detective  
Investigator

#### INTERNMENT CAMP COMMANDER (9120)

Directs and supervises security and management of an internment camp established for the custody of interned enemy aliens or prisoners of war. Arranges for and supervises interior security of camp, assigning guard units and providing essential inclosures; inspects general maintenance of facilities such as mess halls, barracks, and recreation halls; provides for care, treatment, discipline, recreation, and organization of internees, and issues regulations consistent with well-established principles of security, efficiency, discipline, and humanity; furnishes

uniforms, supplies and equipment, medical treatment, and proper sanitation facilities, and is directly responsible for all stores required for post and police purposes; maintains comprehensive records and files on all internees and provides information when requested by a governmental agency; conducts inspections to observe compliance with directives and proper policing of area.

Must be familiar with rules of land warfare, terms of Geneva and Red Cross Conventions, and other regulations pertaining to the management of prisoners of war and enemy aliens. Must have good executive and administrative ability to handle problems of a diversified nature.

**Military police administrative experience essential.**

Civilian prison or police administrative experience desirable.

### **College education desirable.**

## SOURCE JOBS

**Prison Officer**                            **Warden**  
**Police Commissioner**

## **PRISON OFFICER (9121)**

DIRECTOR OF PRISONS  
Directs or supervises security, management, and rehabilitation of prisoners under his jurisdiction. Provides for the safety and defense of prison area and supervises instruction and training of assigned military personnel; enforces laws and regulations pertaining to welfare, discipline, conduct, security, and duties of military personnel and prisoners, and institutes corrective measures for irregularities; conducts inspections of prison area to note proper maintenance of quarters and observation of rules and regulations; requisitions and is responsible for supplies needed for police purposes. May supervise vocational training facilities attached to post, such as farms, ranches, gardens, and industrial plants.

Military experience essential commensurate with grade, experience, and responsibilities of the duties performed.

Experience in police or prison work in a large community desirable.

## SOURCE JOBS

**Warden**      **Police Commissioner**  
**Prison Officer**

**ESCORT GUARD UNIT COMMANDER  
(9122)**

Directs and supervises activities of military per-

sonnel assigned responsibility of delivery of prisoners of war to and confinement in an internment camp. Supervises instruction and training of units in the proper handling of prisoners of war; provides for adequate guard and administrative personnel for the prisoner-of-war company; collects prisoners of war at collecting or transfer points and conducts them to designated points for examination or internment; performs other administrative duties as subscribed by commanding officer.

Must be thoroughly familiar with rules of land warfare and other regulations pertaining to the treatment of prisoners of war.

**Military experience essential.**

## SOURCE JOBS

## **Prison Guard Policeman**

Detective

**INTERNEE TRANSFER AND  
MOVEMENT OFFICER (9124)**

DIRECTORATE OF PRISONERS OF WAR AND ENEMY ALIENS

DIRECTS AND SUPERVISES EXCHANGE OF PRISONERS OF WAR AND ENEMY ALIENS. PREPARES AND ISSUES DIRECTIVES PERTAINING TO TRANSFER OF PRISONERS OF WAR AND CIVILIAN INTERNEES; COORDINATES AND EFFECTS EXCHANGE OF PRISONERS OF WAR AND EFFECTS TRANSFER OF ENEMY ALIENS IN ARMY CUSTODY FOR REPATRIATION; COORDINATES MOVEMENTS OF INDIVIDUALS THROUGH AGENCIES CONCERNED; HANDLES CORRESPONDENCE AND INQUIRIES RELATIVE TO TRANSFER AND MOVEMENT OF PRISONERS OF WAR AND ALIENS.

Should be familiar with Red Cross and Geneva Conventions regulations regarding internees and prisoners of war. Should have legal and administrative ability.

**Military experience desirable.**

**Civilian police administrative experience desirable.**

## **College education desirable.**

## SOURCE JOBS

## **Police Officer**

**PAROLE OFFICER (9126)**

Investigates applications for parole submitted by prisoners eligible for parole. Interviews prisoners and persons relative to applications; examines all pertinent data bearing on case and determines whether requirements of parole are met; forwards recommendations for action through channels for consideration by Secretary of War; maintains all records pertaining to parole of general prisoners.

Must be able to analyze and evaluate character.

and demonstrate ability to judge reliability of prisoners to meet requirements of parole.

Should have considerable experience in welfare or parole work.

Should be college graduate with specialization in social welfare.

#### SOURCE JOBS

Parole Officer  
Welfare Officer

Lawyer

#### FACILITIES PROTECTION OFFICER (9210)

Prepares and coordinates general policies and instructions relative to protection of war facilities and matériel. Inspects industrial plants and makes recommendations for prevention of avoidable interruption of the production and delivery of munitions caused by hazards inherent in manufacturing transportation, and storage, such as fire, accident, sabotage, and subversive activities; analyzes and reviews plans for plant protection and arranges for passive defense measures of war facilities; designates plants that may continue production during blackouts; prepares directives on procedures and issues special instructions; assigns inspection priority ratings to facilities in order to expedite delivery of essential protective equipment and supplies; establishes security of classified documents and materials; maintains liaison with supply arms and services and other governmental agencies concerned with similar problems; answers inquiries pertaining to allocation of plants, completion and transmission of reports, clarification of instructions and procedures, and other special problems. May direct internal security measures for power utilities and communication transportation, and water supply systems.

Must have thorough knowledge of War Department policy and operations pertaining to protection of war facilities and matériel. Must be familiar with industrial processes and hazards, problems of production, and management practices.

Military administrative experience very desirable.

Considerable administrative and industrial engineering inspectional experience essential, varying with the degree of responsibility of the position. Must have specialized experience in inspectional, consultant, or advisory service to manufacturers in plant protection or the safeguarding of manufacturing processes against losses, delays, or avoidable interruptions to production.

College graduation with training in engineering or equivalent in practical experience very desirable.

#### SOURCE JOBS

Industrial Engineer	Property Insurance
Industrial Fire Protection	Inspector
Engineer	Safety Engineer

#### SECURITY OFFICER, BUILDING AND EQUIPMENT (9220)

Plans for proper security of buildings, equipment, and supplies, and supervises military and civilian guards charged with the protection of military installations or areas. Investigates all matters concerning security such as fire hazards, air raid precautions, identification and pass systems, and tactical and defense measures against sabotage; advises superior officers on all matters affecting security; coordinates security measures with other governmental agencies; directs and supervises employment of all guards, fire marshals, and air raid wardens, and arranges for tactical and other defense measures. May be responsible for security of classified material.

Military experience in command and administration essential.

Should have civilian experience in law enforcement.

Degree in law desirable.

#### SOURCE JOBS

Police Inspector	Prosecuting Attorney
Police Administrator	Lawyer
Fire Marshal	

#### AIR RAID OFFICER (9221)

Recommends and directs installation of air raid facilities and equipment. Investigates available resources and advises as to appropriate security measures; determines minimum protective requirements such as shelter, water, light, and sanitary installations, and confers with construction engineers and chemical officers regarding measures to be adopted; examines designs, plans, and installations for long range programs and makes necessary recommendations; maintains liaison with Officer of Civilian Defense and with Red Cross.

Should have administrative ability; must be familiar with air raid precautionary measures and with bombing experiences of other countries.

Should have administrative or executive experience.

#### SOURCE JOBS

Bomb Squad Detective	Fire Inspector
Fire Marshal	Air Raid Director

#### BOMB DISPOSAL OFFICER (9224)

Commands a bomb disposal unit in the removal of unexploded bombs and shells. Makes reconnaissance to determine action necessary to clear an area of unexploded bombs or ammunitions; diagnoses type of unexplored bomb and determines method of handling to avoid or minimize damage; trains and instructs unit in use and maintenance of excavating, rigging, and bomb disposal equipment; supervises tactical training of unit and is responsible for its administration, supply, transportation, equipment, and security. May supervise dissemination of bomb disposal information to all military and civilian personnel by means of lectures and films. May maintain liaison with local agencies for establishing procedures and methods on protection and bomb removal measures in case of air raids or attempts at sabotage bombing.

Must be thoroughly familiar with explosives, projectiles, bombs, mines, booby traps, and fuzes of allied and enemy manufacture.

Civilian experience in maintenance and repair of precision machinery highly desirable.

Should have 1 or 2 years college training in technical subjects.

#### SOURCE JOBS

Watchmaker	Machinist
Instrument Repairman	Gunsmith

#### CIVIL AFFAIRS OFFICER, INTERNAL SECURITY (9226)

Directs and coordinates civil affairs activities for the command. Advises commanding officer on matters pertaining to civil affairs administration; formulates plans and policies concerning the designation of prohibited and restricted zones, such as geographical areas, military installations, and war plants; issues proclamations, restrictions, orders, announcements, and information pertaining to civil defense measures, and supervises enforcement by service commands; establishes policies regarding dimout, blackout, and air raid precaution measures; investigates loyalty of individuals suspected of subversive activities and recommends exclusion of po-

tentially dangerous persons; establishes policy concerning liquidation and management of properties belonging to excludees; maintains liaison with representatives of Federal agencies to facilitate formulation and administration of policies.

Should be thoroughly familiar with regulations pertaining to internal security of important areas.

Military experience essential.

Civilian, legal, or general engineering experience desirable.

Should have college education with training in law or general engineering courses.

#### SOURCE JOBS

Attorney	Civil Engineer
Electrical Engineer	

#### PERSONNEL SECURITY OFFICER (9231)

Directs or supervises internal security program pertaining to determination of loyalty of civilians employed in essential war facilities and War Department. Formulates policies and issues directives concerning loyalty investigations and determinations; grants or denies consent for employment of aliens on classified or aeronautical contracts; recommends suspension of alleged subversives from employment; processes information on aliens and supervises forwarding of identification data and fingerprint cards to Federal Bureau of Investigation; certifies appeals to established review boards made by alleged subversives suspended from employment; trains inspectors in matters of policy and procedure; reviews inspection reports and institutes action on recommendations. May supervise counterintelligence functions including investigations of disaffection, espionage, sabotage, treason, sedition, or other subversive activities. May supervise fingerprinting of civilian personnel. May supervise military and civilian guards.

Should be familiar with identification registration and with practices of falsifying or forging identification devices. Should have thorough knowledge of War Department policy and procedure pertaining to protection of war facilities and matériel. Should be familiar with laws pertaining to espionage, treason, and sedition. Should be familiar with methods employed by saboteurs. Must possess initiative and tact.

Military administrative experience very desirable.

Civilian legal, investigation or public relations work desirable.

## SOURCE JOBS

Special Investigator      Police Administrator  
Lawyer                      Personnel Administrator  
Public Relations Man

## COMMUNICATIONS SECURITY OFFICER (9240)

Directs the maintenance of security for military messages transmitted through Army or commercial cable facilities. Directs all activities essential to the continuation of physical cryptographic and transmission security; directs the inspection of transmission facilities to assure protection against fire and sabotage; directs the employment of security measures for production, distribution, accounting, storage and handling of cryptographic systems and equipment; directs the employment of security measures for distributing, handling, and filing of plain-text copies of cryptograms; determines operating practices and discipline, priorities for messages, classification of facilities and messages; provides for review of critical communication information prior to publication; establishes plan for detection of spurious messages, detection and elimination of insecure communication practices, and prevention of use of facilities by enemy agents; maintains liaison with Army Communications Service Chief Engineer, Provost Marshal General, Bureau of Public Relations, Joint Security Control, and Security and Intelligence Branch to coordinate joint security activities. When assigned to a service command acts as Executive Officer of the Service Command Traffic Security Board.

Military experience including a knowledge of Army administration and organization very desirable.

Civilian managerial experience with a commercial wire and cable communication carrier including the technical aspects of engineering and operation essential.

## FLYING SAFETY OFFICER (9260)

Conducts aircraft accident investigations and makes safety inspections and accident prevention surveys. Investigates aircraft accidents to determine their probable cause; maintains continuous study of all Army Air Forces installations within designated area and initiates remedial action to correct situations or conditions detrimental to safety of flying personnel; assists Army Air Forces personnel on matters pertaining to flying safety and

aircraft accident prevention; prepares reports on results of investigations and surveys; keeps superiors informed of situation in area.

Must be a rated pilot.

Aeronautical engineering or other technical experience in aviation essential.

## SOURCE JOBS

Aeronautical Engineer      Commercial Pilot  
Air Accident Investigator

## MILITARY INTELLIGENCE OFFICER (9300)

Conducts original research and assists in surveys designed to furnish information about the enemy. Evaluates domestic and foreign reports on such matters as the strength, tactics and techniques, disposition, resources, trade, and morale of the enemy and prepares reports on investigations and research; maintains contacts and exchanges information with other intelligence sections and government agencies. May be responsible for the proper dissemination of information relative to military affairs. May instruct civilian and military personnel on military intelligence matters. May interview individuals believed to be in possession of valuable military information concerning the enemy.

Must have thorough knowledge of research techniques and be familiar with military organizations and procedures; must be able to read and speak foreign languages.

Military experience essential.

Civilian experience should include investigative and legal work in law enforcement agencies.

Should be college graduate; degree in law very desirable.

## SOURCE JOBS

F. B. I. Investigator      Special Investigator  
Police Detective              District Attorney  
Lawyer

## INTELLIGENCE STAFF OFFICER, COMBAT (G-2, A-2, S-2<sup>o</sup>) (9301)

Plans for and prepares orders pertaining to the collection, evaluation, interpretation, and distribution of information of enemy and counterintelligence activities, and keeps the commanding officer and all

<sup>o</sup>S-2 performs the above duties except on a lower level of responsibility in a regiment or lower echelon.

others concerned informed regarding the enemy's situation and capabilities. Collects, evaluates, and disseminates all enemy information obtained by military intelligence units; informs commanding officer and staff officers regarding enemy location, strength, and intentions; maintains liaison with other intelligence services and establishes unit intelligence observation posts; intercepts and solves enemy messages; supervises and trains scouts, observers, and staff personnel in intelligence functions and in counterinformation activities; obtains, prepares, and transmits maps of terrain. May assist operations, training, and reconnaissance officers in the performance of their duties. May handle public relations work, regulating activities of press correspondents and dissemination of information to public. When assigned to AAF may have staff responsibility for the preparation of pertinent camouflage plans contributing to local security.

Must show initiative, leadership, resourcefulness, tact, and keen intelligence; should have training in investigative or legal work, knowledge of foreign language, tacts and strategy, and psychology and characteristics of enemy highly desirable. For assignment to AAF should have sufficient knowledge of camouflage to prepare deception plans and supervise their execution.

#### COUNTERINTELLIGENCE OFFICER (9302)

Collects, evaluates, or disseminates information pertaining to enemy activity, sabotage, or subversive activities. Organizes and supervises surveys and investigations; reviews, evaluates, and forwards counterintelligence reports; makes recommendations regarding counterintelligence activities; maintains liaison with local and federal investigative agencies or similar agencies of friendly countries. May be responsible for indoctrination of personnel in security measures, safeguarding of military information, or censorship, or for the planning of such programs. May conduct or direct the installation and operation of counter subversive measures, counter espionage systems or counter sabotage activities.

Must be familiar with investigative procedures and policies. Must possess tact, initiative, and diplomacy. Should have thorough knowledge of the language and political institutions of one or more foreign countries.

Military experience in post intelligence operations or staff experience in intelligence planning very desirable. G-2 clearance essential.

Civilian experience in legal or investigative work very desirable.

Should be college graduate; degree in law preferred.

#### SOURCE JOBS

F.B.I. Investigator	Police Detective
Special Investigator	Social Investigator
Lawyer	Credit Investigator
News Reporter	Claims Investigator
News Editor	Foreign Correspondent

#### FOREIGN LIAISON INTELLIGENCE OFFICER (9303)

Receives and evaluates reports from military observers in foreign countries. Maintains liaison with friendly foreign powers for the purpose of establishing sources of military intelligence information, and entertains dignitaries of friendly nations who are charged with military intelligence functions of their respective countries; evaluates general operations reports from foreign stations and transmits information of military importance to military intelligence.

Must have a thorough knowledge of military organizations; must be able to speak fluently language of nation to which detailed; must possess sound judgment and tact, and be versed in the art and techniques of diplomacy.

Military intelligence experience essential.

Special investigative experience with State Department highly desirable.

#### SOURCE JOBS

Ambassador	Consul
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#### PSYCHOLOGICAL WARFARE OFFICER (9305)

Plans, directs, and supervises preparation of propaganda material for dissemination by radio, press, and other media, including artillery shell and aircraft. Analyzes customs, habits, morale, and psychology of enemy troops and inhabitants of enemy and enemy-occupied areas; evaluates enemy, neutral and allied press, radio, pictorial, and other propaganda media; collaborates with officers interviewing enemy prisoners and civilians in order to secure information for gauging public opinion and troop morale and prepares suitable psychological warfare measures; prepares propaganda material; prepares plans for and assists in effecting maximum

distribution in the target area. Effects liaison with operational planning staffs to establish role of psychological warfare in combat operations. May conduct classes in the tactics and techniques of psychological warfare.

Must have a thorough professional knowledge of techniques of influencing public opinion by audio-visual media. Should have knowledge of the analysis of public opinion and the fundamentals of mass psychology. Foreign residence or travel and reading and speaking knowledge of foreign languages are desirable.

Military experience desirable, including knowledge of United States, allied, and foreign army organization, staff procedures and tactics very desirable.

Civilian experience should include the preparation of materials for press, radio, publications, stage or motion pictures.

Must be a college graduate with major studies in journalism, advertising, applied psychology, history, or political science or have the equivalent in practical experience.

#### SOURCE JOBS

Newspaper, Magazine, or Motion Picture Writer	Commercial Attaché Consular Officer Information Specialist
Advertising Writer	Press Attaché
Radio Commentator	Political Commentator
Foreign Correspondent	Foreign Business Agent

#### FOREIGN LANGUAGES PROPAGANDA OFFICER (9306)

Directs and supervises foreign language translation and adaptation of military information for propaganda purposes. Directs activities of linguists familiar with languages and idioms peculiar to countries in various theaters of operation; supervises preparation of radio scripts, speeches, proclamations, pamphlets, and posters, and their translation from English into foreign language; maintains files and records relative to the habits and customs of peoples and countries, idiosyncrasies of language, and other items of interest. May interview enemy prisoners or foreign civilians to obtain information and material for propaganda purposes.

Must be able to converse fluently in foreign languages and to make close literal and idiomatic translations.

Several years civilian experience in the translation of English into foreign languages essential.

Should be college graduate with special studies in

English and other languages; or have equivalent in practical experience and training.

#### SOURCE JOBS

Foreign Language Instructor	War Correspondent, Foreign Service Foreign Correspondent
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#### INTELLIGENCE OFFICER (9307)

Directs and supervises intelligence and counter-intelligence programs at a port, post, camp, or station. Investigates cases of possible sabotage, fires, accidents, espionage, and subversive activities; interviews applicants for employment regarding loyalty and citizenship and maintains records and files of all persons investigated; maintains liaison with military intelligence or police in connection with sabotage; issues confidential instructions to persons concerned; advises commander on all intelligence matters affecting security of the installation. When assigned to AAF may have staff responsibility for the preparation of pertinent camouflage plans contributing to local security.

Must be familiar with investigative procedures and show good tact and resourcefulness in handling cases. For assignment to AAF should have sufficient knowledge of camouflage to prepare deception plans and supervise their execution.

#### SOURCE JOBS

F.B.I. Investigator Lawyer	Police Investigator Executive or Administra- tive Officer, Water Transportation
Insurance Company Investigator	Special Investigator

#### INSPECTOR GENERAL (9310)

Inspects and investigates all matters pertaining to efficiency and economy of Army operations. Investigates complaints, irregularities, deficiencies, conditions of personnel, administration, money and property accounts, and supply of military installations, arsenals, and depots; secures facts, materials, or other relevant data as may be necessary to complete mission; studies and interprets regulations relating to supply and administration; makes audits pertaining to economic and lawful expenditures of funds; prepares basic reports, action letters, and such exhibits as may be necessary for review, analysis, and further action; confers with commanding officers on the coordination and efficiency of ac-

tivities or operations, and on the practical working of regulations, orders, and general policies; advises commanding and staff officers on such problems as discipline, sanitation, and general efficiency of command.

Must have comprehensive knowledge of inspection procedures and Army organization and administration. Must possess initiative, good judgment, integrity, and resourcefulness.

Military experience essential, including administrative, legal, investigative, or accounting work.

Civilian experience in administrative work along technical lines essential.

Should be college graduate with specialization in engineering, business administration, or law; or have equivalent in training and experience.

#### SOURCE JOBS

Civil Engineer	Production Engineer
Mechanical Engineer	Executive Officer
Electrical Engineer	Administrative Officer
Aeronautical Engineer	Fiscal Officer

#### INTELLIGENCE AND SECURITY OFFICER (9311)

Directs or supervises security and intelligence matters. Supervises and coordinates organization, employment, training, and inspection of military police, intelligence, counterintelligence, and civilian protection personnel engaged in such activities as interior guard duty, fire prevention and fire fighting, detention of general prisoners and prisoners of war, disaster relief, emergency evacuation, suppression of disorder, character investigations, and security of property and classified materials. May plan and direct operations of prisoner of war camps and escort guard companies. May supervise security and intelligence matters pertaining to research, production, distribution, and publication activities involving classified materials. May control security measures in connection with preparation and distribution of classified photographs, maps, and other documents.

Should have comprehensive knowledge of investigative procedures, investigations of military and civilian personnel, and regulations and procedures pertaining to classification and security of documents, equipment, and other materials. Must be tactful and resourceful in handling cases. Must have G-2 clearance.

Military experience including intelligence, internal

security, personnel security or police functions very desirable.

Should have civilian experience in legal or investigative work or in technical field appropriate to assignment.

Should have college education including legal or technical training appropriate to assignment.

#### SOURCE JOBS

F.B.I. Investigator	Facilities Protection
Special Investigator	Director
Public Safety Director	Lawyer
Insurance Company	Engineer (Appropriate Field)
Investigator	

#### RECONNAISSANCE OFFICER (9312)

Directs employment of unit in reconnaissance, security, and liaison missions, and coordinates establishment of communication and observation within unit. Explores and selects best routes and posts guides to direct organization along proper route; reconnoiters enemy disposition and informs unit commander of reconnaissance operations; locates enemy mine fields or lays mines to impede enemy advances; selects bivouac areas and provides security for unit command post; makes surveys and supervises preparation of maps and charts; maintains liaison with other elements of command and assists intelligence and operations officers.

Must be familiar with tactical and technical operations of arm or service to which assigned; must have a thorough knowledge of communication and reconnaissance.

Military experience in arm or service to which assigned essential; should include work in surveying, engineering, gunnery, or map reading.

Civilian experience in surveying, map making, or communication very desirable.

#### CHEMICAL INTELLIGENCE OFFICER, FIELD (9314)

Collects, evaluates, and disseminates enemy information obtained by military intelligence units regarding the possible use of chemical munitions and advises on weather conditions affecting the use of chemical weapons. Maintains liaison with other intelligence services and obtains, prepares, and transmits maps of terrain and weather reports; studies conditions, observes instruments, records wind velocity, temperature, changes, humidity and barometric pressure, and maintains necessary records,

charts, and maps; makes weather forecasts based upon information received from other sources and on changes in local weather conditions; keeps commanding officer and staff officers informed regarding weather conditions, possible enemy activity, state of development of chemical industry of enemy, and training of enemy in gas defense. May translate enemy documents.

Must have a thorough technical and tactical knowledge of the meteorological and terrain factors affecting the employment of chemical weapons. Knowledge of foreign languages desirable.

Military experience essential; should be a graduate of the Chemical Warfare School.

#### SOURCE JOBS

Chemist                      Chemical Engineer

#### PRISONER OF WAR INTERROGATION OFFICER (9316)

Supervises and participates in the collection of military intelligence through interrogation of prisoners of war. Obtains information concerning the enemy's intentions, disposition and strength of forces, order of battle, morale, tactical and technical method of hostile troops, and manpower problems and economic conditions in the enemy country; questions prisoners according to established techniques of interviewing, examination, and cross examination.

Must have thorough and detailed knowledge of military terms, organization, armament, tactics, methods of combat, logistics, and intelligence methods of the enemy forces. Should have thorough knowledge of the language, history, political organization, geography, customs, and habits of the hostile country; language ability should include knowledge of local dialect.

#### SOURCE JOBS

Interpreters                      Special Investigator  
Linguist

#### ORDER OF BATTLE SPECIALIST (9318)

Furnishes G-2 with evaluated enemy tactical and strategic order of battle intelligence as a basis for predicting probable future enemy dispositions and long-range capabilities. Studies and interprets changes in enemy organization, logistics, strength, composition, disposition, tactics, and leadership, and evaluates their significance from an order of battle

viewpoints. Maintains a complete, current enemy order of battle for a theater and for potential theaters; maintains close liaison with other Order of Battle Specialist Teams in the theater and with other specialized intelligence teams (Aerial Photo-Interpreter, Prisoner of War Interrogation and Interpreter teams). Submits to G-2 Order of Battle estimates and requests and suggestions for reconnaissance or other investigative missions.

Knowledge of enemy language and country very desirable.

Graduation of the Military Intelligence Training Center general course and of the MITC specialized course in Order of Battle desirable.

Civilian experience should include use of a foreign language gained either through experience or residence in an enemy foreign country.

#### SOURCE JOBS

Foreign Commercial	Import-Export Agent
Attaché	Translator
Diplomatic or Consular	Foreign Language
Staff Member	Stenographer
Foreign Correspondent	Foreign Sales Manager
Foreign Missionary	or Buyer

#### INVESTIGATIONS OFFICER (9320)

Investigates and collects facts pertaining to particular incidents, operations, or violations of personal or official conduct. Reviews allegations or relevant data; investigates and analyzes causes, conducts hearings, interrogates principals and witnesses, and takes such other action as is necessary to determine facts; prepares reports of findings, presenting summary of facts with recommendations for appropriate action. May perform investigations of a diversified nature.

Must be able to assemble and analyze facts and draw correct conclusions; must show tact, initiative, and good judgment.

Military experience essential and varies with grade and responsibility of position.

Civilian experience should include administrative or investigative work.

Should be college graduate with specialization in accounting, business administration, or law; or have equivalent in training and experience.

#### SOURCE JOBS

Personnel Investigator	Lawyer
Special Investigator	Public Accountant
Field Investigator	

## CRIMINAL INVESTIGATIONS OFFICER (9322)

Assists and advises Provost Marshals and special agents charged with investigating criminal violations committed by persons subject to military law. Reviews and evaluates criminal cases and prepares pertinent correspondence; directs and supervises the activities of officers and agents investigating violations as defined in the Articles of War; maintains records and files, and prepares reports relating to activities.

Must be thoroughly familiar with the Articles of War.

Military investigating experience desirable.

Should have at least 6 months to 1 year investigative experience with a governmental agency, preferably in criminal investigation.

Should be college graduate or have equivalent in experience.

### SOURCE JOBS

Police Investigator  
Police Officer

Government Investigator

## RECORDS SEARCHING OFFICER (9323)

Searches records and files of Military Intelligence Division and Office of Naval Intelligence for information relating to the identity of persons suspected of subversive activities and for existence of derogatory statements concerning such persons. Secures data on individuals or organizations suspected of subversive activities and evaluates obtained information; examines adjutant general's personnel files and reviews records of all personnel who have had military connections; maintains a library of publications furnished by Military Intelligence on espionage and subversive activities; forwards pertinent data and information to proper authority.

Should have experience in administrative, legal, or investigative work.

Law school training desirable.

### SOURCE JOBS

F.B.I. Investigator  
Lawyer

Insurance Record Investigator  
Special Investigator

## TRANSLATIONS OFFICER (9330)

Performs duties as translator. Expresses thoughts or meanings of written words of a foreign lan-

guage into the English language and vice versa; speaks, reads, and writes one of the following languages: Afrikans, Annamite, Aramic, Armenian, Arabic, Bantu, Baskue, Bengali, Bulgarian, Cambodian, Catalan, Chinese (Mandarin-Cantonese), Czechoslov (Serbo-Croatian), Danish, Dutch, Estonian, Finnish, French, Gaelic, German, Greek, Hindustani, Hungarian, Icelandic, Italian, Japanese, Javanese, Korean, Latvian, Lithuanian, Malagasy, Malayalam, Malayan, Mongolian, Norwegian, Persian, Polish, Portuguese, Pushtu, Rumanian, Russian, Spanish, Swahili, Swedish, Syriac, Thai, Tibe-to-Burmese, Turkish, Urdu, Welsh. May reconstruct passages in which portions of the text and wording are missing.

Should have an above-average knowledge of the social, economic, and political conditions of a country or countries in which one of the above languages is spoken. Should be familiar with problems of academic research, and be able to direct the activities of clerks in the solution of complex research problems. Should be an American citizen by birth or naturalization and possess unusual qualities of trustworthiness and discretion.

Military experience desirable.

Experience in linguistic field desirable.

Postgraduate work in linguistics or a particular language very desirable, but linguistic proficiency is more important than academic degrees received.

### SOURCE JOBS

Instructor, Languages  
Foreign Correspondent

Missionary

## INTERPRETER (9332)

Performs duties as interpreter. Translates orally a foreign language into the English language and vice versa; explains or expounds oral expressions after translation; acts as intermediary in conversations involving military or civilian individuals, either friendly, neutral or enemy. May estimate and submit reports on situation of neighboring allied units. May examine civilians and perform other general intelligence and counterintelligence functions.

Must be a fluent linguist in one or more appropriate foreign languages, and speak, read, and write English and the foreign language concerned with equal ease.

Should have intimate knowledge of United States, allied and foreign Army organization, staff procedure, and tactics; customs, characteristics, history, economics, geography, and political institutions

of country involved. For assignment in Military Intelligence Department, must be able to read and interpret U. S. and foreign maps, conventional signs and military symbols; have had instruction in foreign Army identifications, examination of civilians, and in general and counterintelligence work. For MID assignment, should be graduate of Military Intelligence Training Center.

Civilian experience should include employment, extensive travel, residence or study abroad, requiring use of foreign languages.

#### SOURCE JOBS

Foreign Commercial Attaché	Foreign Sales Manager or Buyer
Diplomat or Consular Staff Member	Interpreter Translator
Foreign Correspondent	Foreign Language Stenographer
Foreign Missionary	
Import-Export Agent	

#### CENSORSHIP OFFICER (9335)

Safeguards information of vital importance by deleting such material from civilian and military photographs or communications. Examines communications or photographs and censors secret or confidential information; evaluates reports and information on military intelligence and forwards significant items to higher intelligence headquarters.

Should have intimate knowledge of foreign countries and be able to read, translate, and speak fluently one or more foreign languages; should be familiar with cryptography or cryptanalysis and know systems of electrical communication. Knowledge of photography or radio broadcasting desirable.

Military experience essential.

Civilian experience in journalism or in administrative or executive capacity very desirable.

Should have college education in journalism or modern languages.

#### SOURCE JOBS

Cryptanalyst	Newspaper Writer
Translator	Foreign Correspondent
Radio Announcer	

#### ENEMY EQUIPMENT IDENTIFICATION OFFICER (9340)

Directs and supervises the collection of enemy equipment for the preparation of manuals relating to captured equipment and matériel. Collects and

evaluates captured matériel and coordinates reports on the analyses made by various laboratories and manufacturers; prepares reports for higher departmental authority and other governmental agencies, and assists in the preparation of training and enemy equipment identification manuals; maintains inventory and control records of captured equipment. May assist in the preparation of curricula for training intelligence officers prior to assignment to field duty. G-2 clearance essential.

Military experience essential; should have field training in arm or service to which assigned.

Civilian experience should include broad technical experience appropriate to arm or service to which assigned.

College education in appropriate field of engineering desirable.

#### SOURCE JOBS

Mechanical Engineer	Civil Engineer
Aeronautical Engineer	Automotive Engineer

#### FIRE FIGHTING UNIT COMMANDER (9401)

Directs or supervises a fire fighting unit to provide protection for posts, ports, depots, hospitals, air bases or other installations. Inspects buildings and fire fighting equipment; determines adequacy of fire prevention measures in area; recommends removal of fire hazards; supervises testing and maintenance of fire fighting equipment; trains crash fire crews or other fire fighting unit personnel; directs operations of crew or unit in an emergency and is responsible for its administration, supply, and security. May maintain liaison with AAF base operations officer and insure readiness of crash fire crews.

Should be familiar with fire fighting equipment and with methods of combating all types of fires, including gasoline and oil conflagrations. Should be physically capable of demonstrating fire fighting techniques.

Civilian experience as fire department training instructor supplemented by actual fire department supervisory experience very desirable.

#### SOURCE JOBS

Municipal Fire Chief or Officer	Emergency Squad Member
Fire Fighter	Crash Crew Member

## FIRE MARSHAL (9414)

Organizes, directs, and supervises all units charged with the enforcement of orders and regulations pertaining to the control of fire hazards. Inspects buildings, apparatus, manufacturing processes, and fire-fighting equipment and makes necessary recommendations for appropriate corrective measures, such as removal of hazards, and provisions for and testing of fire-protection apparatus and equipment; issues orders and instructions to personnel relative to methods and procedures for fire fighting and conduct of drills; investigates causes of fires and extent of fire hazards.

Qualifications vary considerably depending upon location of duties and degree of responsibility. Should be familiar with fire-fighting equipment and with methods of controlling different kinds of fires.

Should have several years of experience in fire prevention or fire fighting.

## SOURCE JOBS

Engineer Inspector	Battalion Fire Chief
Fire Insurance Inspector	Town Grading .
Fire Protection Supervisor	Engineer

## FIRE PREVENTION OFFICER (9415)

Acts in a professional advisory capacity in matters involving prevention or extinguishment of fires. Makes or supervises making of inspections and studies of physical conditions, and recommends proper fire-prevention conditions and fire-fighting equipment; determines adherence to fire-prevention principles and secures correction of equipment, designing automatic fire-protection equipment when necessary. In industrial establishments, conducts studies of industrial processes and recommends fire-control methods.

Must have broad general knowledge of fire-prevention and fire-protection devices and be able to apply basic principles of fire prevention and protection. In industrial establishments, must have thorough knowledge and broad experience with industrial process and have sufficient knowledge of civil, electrical, and chemical engineering to recognize faulty or hazardous installations and specify precautionary measures.

Civilian supervisory experience in engineering and inspection work pertaining to industrial fire protection essential.

College training in engineering essential.

## SOURCE JOBS

Insurance Rating Supervisor	Industrial Fire Protection Inspector
Insurance Company Executive	Production Security Engineer

## CAMOUFLAGE OFFICER (9511)

Determines methods of camouflage to be used to provide concealment for troops, matériel, and military installations and directs the fabrication and supply of camouflage materials. Studies aerial photographs and topographic maps, and reconnoiters territory to determine appropriate camouflage measures; supervises engineer units in the construction or manufacture of camouflage devices; makes inspections to determine efficiency of camouflage discipline and suggests corrective measures when necessary. May serve as instructor of camouflage within a unit or at a school or training center. May command a unit of camouflage engineers and be responsible for its administration, training, supply, transportation, and security.

Must have thorough knowledge of camouflage principles and techniques and must know camouflage employment of paints and dyestuffs, cloth coverings, and foliage; must be familiar with reflection and refraction of light as it applies to art of concealment; must be able to choose and improvise best camouflage for specific situations.

Military experience with troops and completion of Camouflage School course essential.

Should have experience in such fields as light construction, landscape architecture, and stage design.

College training in civil engineering, art, or landscape architecture desirable.

## SOURCE JOBS

Landscape Architect	Theatrical Art Director
Civil Engineer	Scenery Builder or
Commercial Artist	Designer
Costume Designer	

## CRYPTANALYTIC OFFICER, GENERAL (9600)

Devises methods of solving cryptographic systems and supervises the cryptanalyses of intercepted traffic; makes recommendations to increase the security of cryptographic systems.

Must know military organization and termin-

ology; must be thoroughly familiar with cryptography and cryptanalysis. Should have some knowledge of physics, mathematics, and statistics. Intelligence clearance essential.

Military experience in cryptography highly desirable.

Civilian experience in the fields of cryptography, mathematics, physics, actuarial science, or chemistry essential.

Should be college graduate with specialization in mathematics, physics, and statistics.

#### SOURCE JOBS

Mathematician	Physicist
Actuary	Chemist
Cryptanalyst	Student, Cryptography

#### CRYPTANALYTIC OFFICER, CODE (9601)

Prepares code systems and analyzes enemy codes.

Must have a thorough knowledge of cryptography and cryptanalysis, and be familiar with military organization and terminology. Should know foreign languages.

Military or civilian experience in cryptography desirable. G-2 clearance essential.

Should be college graduate.

#### SOURCE JOBS

Mathematician	Student, Arts and Science
Actuary	Student, Cryptography
Cryptanalyst	

#### CRYPTANALYTIC OFFICER, CHEMICAL (9602)

Directs preparation of materials for invisible writing, and examines documents for invisible writing.

Must have comprehensive knowledge of inks and chemicals, and of quantitative and qualitative analysis. G-2 clearance essential.

Military experience desirable.

Civilian experience should include work in chemistry or chemical engineering.

Must have completed college training in chemistry, with courses in micro-chemistry, microscopy, and photography very desirable.

#### SOURCE JOBS

Chemistry Instructor	Research Chemist
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#### CRYPTOGRAPHIC OFFICER, EQUIPMENT (9603)

Develops cryptographic systems that utilize electrical and mechanical techniques and supervises operation and maintenance of those systems.

Should have thorough knowledge of electro-physics, mathematics, chemistry, or mechanics. Must know military organization and terminology. G-2 clearance essential.

Military experience desirable.

Civilian experience should include design and development of equipment.

Should be college graduates with courses in physics, mechanics, and mathematics.

#### SOURCE JOBS

Physicist	Mechanical Engineer
Physical Chemist	Electrical Engineer

#### CRYPTANALYTIC OFFICER, TRANSLATIONS (9604)

Translates messages written in foreign languages and assists in the solution of foreign cryptographic systems.

Must be thoroughly familiar with at least one language. Intelligence clearance essential.

Military experience desirable; must know military organization and terminology.

Civilian experience in translation of foreign languages highly desirable.

College education with specialization in languages desirable.

#### SOURCE JOBS

Language Instructor	Translator
Language Student	

#### RADIO TRAFFIC ANALYSIS OFFICER (9605)

Analyzes and directs the analysis of radio traffic.

Should have knowledge of cryptography and cryptanalysis, and of enemy foreign languages. Must know military organization and terminology and be familiar with use of radio call signs and procedure. G-2 clearance necessary.

Civilian or military experience in radio operation desirable.

College education desirable; should have had training in radio theory, mathematics, and statistics.

## SOURCE JOBS

Amateur Radio Operator      Traffic Analyzer, commercial communication system

Military experience in Signal Corps desirable. Civilian experience in communications engineering desirable.

Should be college graduate.

## CRYPTOGRAPHIC EQUIPMENT MAINTENANCE AND REPAIR OFFICER (9606)

Maintains and repairs mechanical cryptographic equipment and instructs others in the proper techniques of cryptographic equipment maintenance.

G-2 clearance essential.

Military experience desirable.

Must have several years experience in maintenance and repair of intricate electro-mechanical equipment.

Should be graduate of technical or vocational school.

## SOURCE JOBS

Teletypewriter Repairman      Calculating Machine Typewriter Repairman      Serviceman

## SECURITY OFFICER, CRYPTOGRAPHIC (9610)

Advises on proper use and assists in preparation and distribution of cryptographic systems.

Must have general knowledge of cryptography and limitations of radio, teletype, and other communication equipment, and be familiar with principles of cryptanalysis as applied to War Department systems. Must know military organization and terminology.

Intelligence clearance essential.

## SOURCE JOBS

Mathematician  
Actuary  
Physicist

Cryptanalyst  
Communications Engineer  
Chemist

## SECURITY OFFICER, CLASSIFIED MATERIALS (9620)

Analyzes security conditions and makes recommendations for maintaining security of classified documents, photographs, and other materials. Reviews photographs for the proper classification of equipment shown; makes physical check of security conditions; supervises and coordinates the destruction of classified waste and obsolete classified documents; makes recommendations for security establishments, both military and commercial as directed; coordinates with other arms and services for the maintenance of the proper security classification of military equipment in photographs and publicity released for other than War Department use. G-2 clearance essential.

Should have military training or experience with tactical or supply units.

Should have extensive civilian experience in appropriate field of engineering or research.

A degree in engineering or natural science preferred.

## SOURCE JOBS

Engineer in appropriate field

## SECTION IV

### CODING ORGANIZATIONAL LEVEL

#### I. Use of Fifth Digit as a Suffix to Four-Digit Functional Code

The four-digit code is organized to indicate the functional nature of a duty assignment when reporting present duty. For purposes such as preparing rosters, tabulations, listings for organizational structure, and indicating the level of responsibility, some further guide is necessary. A fifth digit used as a suffix to the four-digit functional code differentiates position and level of responsibility within the general functional area which the four-digit code represents.

It is to be noted that for all practical purposes the unit in which the position occurs, or the type of position (combat command or staff) indicate certain lines of differentiation. The fifth digit merely amplifies and makes complete not only the functional coding but the other items of identification of the job. The fifth digit does not have invariable meaning in all situations. For example, in a unit of one of the arms with a definite chain of command, the digit "3" will indicate that the position referred to is that of commanding officer of a regiment or equivalent; digit 4, that the position is that of executive officer, or second in command, at the regimental level. However, when appended to a code indicating a staff function, the digit "3" indicates that the position is that of a principal staff officer at the regimental or equivalent level, whereas the digit "4" indicates that the position is that of assistant staff officer at the same level.

Thus, on the same roster or listing, several officers may be reported as 2162—Operations and Training Staff Officer. The use of code 2162-2 to report present duty, indicates the officer is the Assistant S-3 at the divisional level. Code 2162-3 indicates that the officer is the principal S-3 at the regimental level. In both cases, the officer would have the grade of major.

#### 2. Table of Fifth Digit Codes

The following guide is published to assist in the determination of appropriate fifth digit for reporting duty according to echelon:

#### TABLE OF FIFTH DIGIT CODES

X Commander, Chief, or Principal Staff Officer.

Y Assistant Commander, Assistant Chief or Assistant Staff Officer.

To cover—Headquarters and staff of Corps, Army, GHQ, independent Air Force, Air Force Command, Defense Command, equivalent or higher.

Headquarters and staff of War Department, AGF, AAF, ASF, Arm or Service, Service Command.

1 Commander, Chief, or Principal Staff Officer.

2 Assistant Commander, Assistant Chief Executive Officer, or Assistant Staff Officer.

To cover—Headquarters and staff of Division (AGF), Type Command (AAF), or equivalent.

Division in War Department, Service Command, Field Installation, or equivalent.

3 Commander, Chief, or Principal Staff Officer.

4 Assistant Commander, Assistant Chief or Executive Officer, or Assistant Staff Officer.

To cover—Headquarters and staff of Regiment (AGF), Combat Wing (AAF), or equivalent.

Branch in War Department, Service Command, Field Installation, Base (AAF), Station (AAF), or equivalent.

5 Commander, Chief, or Principal Staff Officer.

**6 Assistant Commander, Assistant Chief, Executive Officer, or Assistant Staff Officer.**

To cover—Headquarters and staff of Battalion (ASF), Group (AAF), or equivalent.

Section in War Department, Service Command, Field Installation or equivalent.

**7 Commander, Chief, or Principal Staff Officer.**

**8 Executive Officer, Assistant Chief, or Assistant Staff Officer.**

**9 Platoon Leader, or "second" Assistant Staff Officer**

To cover—Company (AGF), Squadron (AAF), or equivalent.

Unit in War Department, Service Command, Field Installation, or equivalent.

Section of a hospital.

**o Instructor in designated specialty (see par. 10, sec. I).**

### **3. Examples of Use of Fifth Digit**

*a. Reporting present duty of an Orthopedic Surgeon (3153) assigned to a hospital—*

3153-7 Chief, Orthopedic Surgery Section.

3153-8 Assistant Chief, Orthopedic Surgery Section.

3153-9 Ward Officer, Orthopedic Surgery Section.

*b. Reporting present duty of a Parachute Unit Commander (1510) on duty with a unit—*

1510-3 Regimental Commander, Parachute Infantry Regiment.

1510-4 Regimental Executive Officer, Parachute Infantry Regiment.

1510-7 Company Commander, Parachute Infantry Company.

1510-8 Company Executive Officer (second in command), Parachute Infantry Company.

1510-9 Platoon Leader, Parachute Infantry Platoon.

*c. Reporting present duty of officers in units of field forces. (For information on overhead installations see par. 3d.)*

(1) It is to be noted that for all practical purposes, the fifth digit code is determined by the echelon at which the function is being performed, rather than the size of the unit, performing the function.

(2) For illustration of the fifth digit applied to a definite chain of command, see par. 3b and 3c (5).

(3) Whenever an officer performs combined staff and command duties, the staff function will take precedence. For example, an officer performing duties of both Regimental Communications Officer (0200-3) and Regimental Headquarters Company Commander (2900-7), will be reported as "Communications Officer (0200-3)."

(4) Whenever an officer performs a combination of staff duties, the present duty code will be determined by the relative importance of the duties on the basis of level of responsibility involved and time devoted to each. (See par. 12, sec. I.)

(5) Examples of duty codes applied to selected positions in an Infantry Division:

Unit and Duty	Grade	Duty Code
<i>INFANTRY DIVISION (T/O &amp; E 7)</i>		
<i>DIVISION HEADQUARTERS (T/O &amp; E 7-1, C 1 and C 2)</i>		
Division Commander.....	Major Gen'l	1542-1
Aide.....	Captain	2030-1
Aide.....	Ist Lt	2030-1
Ass't to Division Commander.....	Brig Gen'l	1542-2
Aide.....	Ist Lt	2030-1
Aide.....	2nd Lt	2030-1
<i>GENERAL STAFF</i>		
Chief of Staff.....	Colonel	2010-1
G-1.....	Lt Col	2260-1
G-2.....	Lt Col	9301-1
Assistant G-2.....	Major	9301-2
Assistant G-2.....	Captain	9301-2
Liaison Officers .....	Captain	1930-1
<i>SPECIAL STAFF</i>		
Division Engineer.....	Lt Col	7010-1
Division Signal Officer.....	Lt Col	0210-1
Adjutant General.....	Lt Col	2110-1
Ass't Adjutant General.....	.....	2110-2
Ass't Adjutant General.....	.....	2110-2
Classification and Asgmt Off.....	.....	2210-1
Postal Officer.....	Ist Lt	0030-1
Division Surgeon.....	Lt Col	3000-1
Division Medical Inspector.....	Major	3301-1
Division Dental Officer.....	Major	3178-1
Division Neuropsychiatrist.....	Capt or Major	3130-1
Medical Administrative Officer.....	Captain	2120-1
<i>INFANTRY REGIMENT (T/O &amp; E 7-11)</i>		
<i>HEADQUARTERS AND HEADQUARTERS COMPANY (T/O &amp; E 7-12)</i>		
Regimental Commander.....	Colonel	1542-3
Executive Officer.....	Lt Col	1542-4
S-2.....	Major	9301-3
S-3.....	Major	2162-3
Adj and S-1 (see par. 12, sec. I).....	Captain	2110-3
Liaison Officers.....	Captain	1930-3
Orientation Officer .....	Captain	5004-3
Athletic and Recreation Officer.....	.....	5661-3
Hq Company Commander.....	Captain	2900-7
Hq Company Executive Officer.....	Ist Lt	2900-8
Int and Rec Plat Comdr.....	Ist Lt	9312-9
Communications Officer.....	Captain	0200-3
Ass't Communications Officer.....	WO	0200-4

Unit and Duty	Grade	Duty Code
<b>INFANTRY BATTALION (T/O &amp; E 7-15)</b>		
<b>HEADQUARTERS AND HEADQUARTERS COMPANY (T/O &amp; E 7-16)</b>		
Battalion Commander.....	Lt Col	1542-5
Executive Officer.....	Major	1542-6
S-3.....	Captain	2162-5
S-2.....	1st Lt	9301-5
Hq Co Comdr, Adj and S-1 (see par 12, sec 1).....	Captain	2110-5
Motor Transport Officer.....	1st Lt	0600-5
Communications Officer.....	1st Lt	0200-5
Ammunition and Pioneer Plat Comdr (Bn Munitions Officer)...	2d Lt	4510-5
Antitank Plat Comdr.....	2d Lt	1524-9
<b>INFANTRY RIFLE COMPANY (T/O &amp; E 7-17)</b>		
Company Commander.....	Captain	1542-7
Executive Officer.....	1st Lt	1542-8
Weapons Platoon Commander.....	1st Lt	1542-9
Rifle Platoon Commander.....	2d or 1st Lt	1542-9
<b>HEADQUARTERS AND HEADQUARTERS BATTERY, MOTORIZED, DIVISION ARTILLERY</b>		
<b>INFANTRY DIVISION (T/O &amp; E 6-10-1, C 1 and C 2)</b>		
Div Arty Comdr (Div Arty Staff Off).....	Brig Gen'l	1199-1
Aide.....	1st Lt	2030-1
Aide.....	2d Lt	2030-1
Executive Officer (Ass't Div Arty Staff Officer).....	Lt Col	1199-2
Division Arty Air Officer.....	Major	1981-1
S-3.....	Lt Col	2162-3
S-2.....	Major	9301-3
S-1 and S-4 (see par 12, sec 1)....	Major	4010-3
Orientation Officer.....	Captain	5004-3
Athletic and Recreation Officer.....	1st Lt	5661-3
Reconnaissance and Survey Officer.....	1st Lt	1183-3
Hq Btry Comdr and Com Officer.....	Captain	0200-3
Ass't Com Officer.....	1st Lt	0200-4
Liaison Pilot.....	Captain	1981-3
Liaison Pilot.....	1st Lt	1981-4
Motor Transport Officer.....	WO	0600-3
<b>FIELD ARTILLERY BATTALY, MOTORIZED, 105-MM HOWITZER, TRUCK-DRAWN (T/O &amp; E 6-27)</b>		
Battery Commander.....	Captain	1193-7
Executive Officer.....	1st Lt	1193-8
Reconnaissance Officer.....	1st Lt	1183-7
Motor Off and Ass't Executive Off	2d Lt	4113-7

d. Reporting present duty of officers in overhead installations:

(1) SERVICE COMMAND HEADQUARTERS—ASF MANUAL M301, "Army Service Forces Organization," 15 January 1944, elevates several elements of the service command headquarters formerly known as divisions to the status of directorates. Thus in the case of directorates, where two or more subordinate divisions are indicated, a fifth digit code of "X" will be used to show a level of responsibility greater than that of

division chiefs. In all other cases, divisions will be coded with the fifth digit "1" (see par. 2). However, in the application of the fifth digit code in overhead installations, the terms "division", "branch", and "section", must be interpreted in accordance with the proper relationship to higher and lower headquarters, thereby denoting echelon of responsibility. Since service command headquarters may differ in their internal arrangement, the following examples illustrate flexibility in the application of the fifth digit code.

- (a) CG, Service Command..... 0002-X
  - Chief of Staff ..... 2010-X
  - Deputy Chief of Staff ..... 2010-Y
  - Dir of Personnel ..... 2205-X
  - Dir, Rctg and Induction Div. 2310-1
  - CO, Rctg and Induction
  - Dist ..... 2310-3
  - CO, Rctg and Induction
  - Sta ..... 2310-5
  - O/C Rctg and In-  
duction Sta Test-  
ing Sec ..... 2250-7
  - Dir, Military Personnel Div. .... 2200-1
  - Dir, Special Services Div. .... 5000-1
  - Dir, Morale Services Div. .... 5004-1
  - Dir, Fiscal Div. .... 6200-1
  - Dir, Military Training Div. .... 2525-X
  - Dir, Security and  
Intelligence Div ..... 9311-1
  - Service Command Surgeon. .... 3000-1
- (b) CG, Service Command ..... 0002-X
  - Chief of Staff ..... 2010-X
  - Deputy Chief of Staff ..... 2010-Y
  - Director of Personnel ..... 2205-X
  - Director, Military  
Personnel Div ..... 2200-1
  - Chief, Enlisted  
Procurement Br ..... 2310-3
  - CO, Rctg and  
Induction Dist ..... 2310-5
  - CO, Rctg and  
Induction Sta. 2310-7
  - O/C Rctg and Induction  
Testing Unit. .... 2250-9
  - Service Command Engineer... 7004-1
  - Chief, Repairs and  
Utilities Br ..... 7120-3
  - Chief, Utilities  
Section ..... 7120-5
  - Chief, Fuel and  
Heating Unit... 7503-7

(2) POSTS AND CAMPS IN SERVICE COMMANDS—ASF Manual M301 establishes several staff positions in post headquarters corresponding to the directorates of personnel, supply, and military training in the service command headquarters. To properly indicate functional relationship of the staff positions at a post to the corresponding staff positions at the service command headquarters, duty codes for the post positions will contain a fifth digit once removed from the fifth digit applicable to the corresponding positions in the service command headquarters. For example:

(a) SERVICE COMMAND HEADQUARTERS

Director of Personnel .....	2205-X
Director, Military Personnel	
Div. ....	2201-1
Chief of Classification and	
Assignment Section .....	2210-5

POST HEADQUARTERS

Director of Personnel Division....	2205-1
Chief of Military Personnel	
Branch .....	2200-3
Chief of Classification and	
Assignment Section .....	2210-7

(b) On some posts there may not be, as in the service command headquarters, a director or chief of all personnel. In that case, no position need be given the fifth digit of 1. For example:

Post Military Personnel Officer.....	2200-3
Post Civilian Personnel Officer.....	2202-3

In this way the functional relationship of these staff positions at a post will be accurately shown as subordinate to the functional specialists at the service command level.

(c) Whenever an officer performs combined staff and command duties, the staff function will take precedence. For example, an officer performing duties of both Post Adjutant (2110-3) and Post Headquarters Company Commander (2900-7) will be reported as Post Adjutant (2110-3).

(d) Whenever an officer performs a combination of staff duties, the present duty will be determined by the relative importance of the duties on the basis of level of responsibility involved and the time devoted to each. (See par. 12, sec. I.)

(e) The following partial breakdown further

illustrates the application of the fifth digit code within a post organization:

Post Commander .....	2010-1
Post Executive Officer.....	2019-2
Director, Personnel Division....	2205-1
Chief, Military Personnel	
Branch .....	2200-3
Chief, Civilian Personnel	
Branch .....	2202-3
Director, Supply Division .....	4012-1
Chief, Stock Control Branch..	4416-3
Chief, Storage Branch .....	4710-3
Post Engineer .....	7130-3
Post Utilities Maintenance	
Engr .....	7120-5
Post Surgeon .....	3000-3

(3) THEATER HEADQUARTERS, BASE HEADQUARTERS, DISTRICT HEADQUARTERS, AND FIXED INSTALLATIONS IN THEATER OF OPERATIONS.

(a) In theater, base, or district headquarters and in fixed installations in theater of operations, the following application of the fifth digit code will be used, viz, "X" for theater and base section headquarters, "1" for district headquarters within base sections, and "3" for fixed installations equivalent to posts, camps, or stations. Where a staff has dual functions, that is, where a district commander is also a post commander, the fifth digit code "1" rather than "3" will be used for his headquarters. The following example illustrates the application of the fifth digit code for the Adjutant General's Section in theater headquarters:

Adjutant General .....	2110-X
Assistant Adjutant General .....	2110-Y
Chief, MRU and Replacement Div.	2025-1
Chief, Classification Branch .....	2210-3
Chief, Operations Sec .....	2210-5

(b) Inasmuch as the use of the fifth digit is merely to facilitate internal reporting and does not enter into the selection or assignment of officers by virtue of their MOS, any theater of operations may adapt and modify the fifth digit in such manner as best meets its needs. Any such modification adopted by a theater will be reported to The Adjutant General (Classification and Replacement Branch) Washington 25, D. C., for the information of the War Department and to permit intelligent decoding of any information from that theater based upon such modifications.

# SECTION V

## ALPHABETICAL INDEX OF MILITARY OCCUPATIONAL SPECIALTIES

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A-2, Intelligence Staff Officer .....	9301	218	Air Forces Operation Officer, Nonflying..	2158	81
A-3, Operations and Training Staff Officer .....	2162	82	Air Forces Supply Officer, Technical....	4902	155
A-4, Supply and Evacuation Staff Officer	4010	118	AIR GROUND LIAISON OFFICER.	2164	83
A-26 PILOT .....	1083	57	AIR LIAISON OFFICER, STAFF....	2140	80
AAF INSTRUCTOR .....	2510	92	AIR OBSERVATION PILOT .....	1981	77
Absent from Post, Sick, Relieved from Duty .....	0004	25	Air Priorities and Traffic Officer .....	0913	50
ACADEMIC EXAMINATIONS OFFICER .....	2705	98	AIR RAID OFFICER .....	9221	216
ACCOUNTING MACHINE OFFICER.	6103	168	AIR TRAFFIC SERVICE OFFICER.	2159	82
ACCOUNTING OFFICER .....	6101	168	AIR TRANSPORTATION REGULATING OFFICER .....	0910	50
Accounting Officer, Exchange.....	6102	168	AIRBORNE ANTI AIRCRAFT UNIT COMMANDER .....	1177	63
ADJUTANT OR ADJUTANT GENERAL .....	2110	79	AIRBORNE ENGINEER UNIT COMMANDER .....	1336	69
Administrative and Consulting Radio Officer .....	7865	195	Airborne Equipment Aircraft Warning Officer .....	0130	27
ADMINISTRATIVE ASSISTANT ...	2600	95	AIRBORNE FIELD ARTILLERY UNIT COMMANDER .....	1195	66
ADMINISTRATIVE ASSISTANT, LEGAL .....	2601	95	AIRBORNE INFANTRY UNIT COMMANDER .....	1512	74
ADMINISTRATIVE INSPECTOR ...	2121	80	Airborne Signal Equipment Maintenance and Repair Officer .....	4402	127
Administrative Nurse .....	3430	115	Aircraft Identification Instructor .....	2721	100
ADMINISTRATIVE OFFICER .....	2120	79	AIRCRAFT INSPECTION OFFICER.	4903	155
Administrative Officer, Finance .....	6200	169	AIRCRAFT MAINTENANCE OFFICER .....	4823	147
ADMINISTRATIVE OFFICER, MILITARY GOVERNMENT .....	2124	80	Aircraft Recognition Instructor .....	2721	100
Administrative Officer, Newspaper .....	5414	163	AIRCRAFT TORPEDO MAINTENANCE OFFICER .....	4824	147
Administrative Supply Officer .....	4411	129	AIRCRAFT WARNING GROUND OBSERVER OFFICER .....	0115	26
Administrator, Hospital .....	3012	106	AIRCRAFT WARNING OFFICER, AIRBORNE EQUIPMENT .....	0130	27
Aerial Instructor, Bombardiering .....	1035	53	AIRCRAFT WARNING OFFICER, GROUND REPORTING EQUIPMENT .....	0110	26
AERIAL MINE OFFICER .....	4826	146	AIRCRAFT WARNING OFFICER, GUN-LAYING AND SEARCHLIGHT EQUIPMENT .....	0120	26
Aerial Navigation Training Director.....	1034	53	Aircraft Warning Officer, Reporting Equipment .....	0110	26
AERIAL OBSERVER .....	1029	52	AIRCRAFT WARNING PLOTTER OFFICER .....	0102	26
AERIAL PHOTOGRAPHIC OFFICER	8502	208	AIRPLANE ARMAMENT OFFICER.	4822	146
Aerial Photo-Interpreter .....	8503	208	AIRPORT ENGINEER .....	7970	203
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AH-3 Radio Officer—Special .....	0533	34			
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AMPHIBIAN ENGINEER BOAT UNIT COMMANDER .....	1366	71	ARTILLERY MAINTENANCE AND REPAIR OFFICER .....	4808	144
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Unit Commander, Gas Generating Unit..	4944	158	Webbing and Canvas Repair Officer .....	4612	139
UNIT OFFICER, NONTACTICAL...	2136	80	WEIGHT AND BALANCE OFFICER .....	0911	50
UNIT OFFICER, TRAINING CENTER .....	2622	97	Welding Instructor .....	2781	103
UROLOGIST .....	3111	107	Welfare Officer, Public .....	5900	167
Utilities and Public Works Officer.....	7020	174	WHEEL VEHICLE MAINTENANCE OFFICER .....	0605	35
UTILITIES MAINTENANCE OFFICER .....	7120	176	WING COMMANDER ( <i>see appropriate unit designation</i> ). .....		
Utilities Protection Officer .....	9210	216	Work Equipment Shop Superintendent, Railway .....	4858	151
Vehicle Distribution Officer, Motor .....	0650	39	Writer, Scenario .....	8521	210
Vehicle Maintenance Officer, Track .....	0606	36	YARDMASTER .....	0730	43
Vehicle Maintenance Officer, Wheel .....	0605	35			
Ventilating and Heating Engineer .....	7503	186			
Very Heavy Bomber Pilot .....	1093	57			

## APPENDIX I

### CONVERSION OF DELETED CODES

This table contains suggested substitutes for deleted codes which formerly appeared in AR 605-95 (tentative) and its supplements, or which were deleted since the initial publication of this manual.

<i>Code deleted</i>	<i>Substitute code or codes suggested</i>	<i>Code deleted</i>	<i>Substitute code or codes suggested</i>
0010	0030	0630	0600, 0610, 0611, 0612, 0690, 0700
0011	0030	0633	0815
0012	0030	0701	0611
0013	0030	0702	0610
0014	0030	0703	0690
0020	0030	0704	2640
0021	0030	0705	0610, 0612
0100	See paragraph 13, section L.	0708	4417
0101	2700	0710	0735, 0736, 0737, 4850 to 4858 inclusive.
0150	See paragraph 13, section I.	0711	4851
0211	0210	0712	4852
0212	0210	0713	0737, 4850, 4852 to 4857 inclusive.
0223	0222	0741	4406
0241	0240	0803	0801, 0825
0249	4314	0805	0806
0251	7872	0811	0690
0431	0430	0817	0812
0432	0430	0821	0820
0433	0430	0822	1143
0440	4314	0901	2161
0441	4314	0902	2161
0504	0500, 0501, 0502	0905	Use appropriate pilot classification.
0505	0500, 0501, 0502	0907	Use appropriate pilot classification.
0509	4314	0912	0610
0601	0600	1000	2164
0602	0605, 0606	1010	See appropriate pilot classification.
0603	0605, 0606	1011	See appropriate unit commander.
0608	0600, 0642	1012	See appropriate unit commander.
0620	4818	1015	2900

<i>Code deleted</i>	<i>Substitute code or codes suggested</i>	<i>Code deleted</i>	<i>Substitute code or codes suggested</i>
1020	0915, 0916, 0917	1171	1132, 1172, 1174, 1177
1021	1055	1180	1930
1025	1981	1182	2162
1027	Use appropriate pilot classification.	1184	1193, 1194, 1195, 1197
1031	See paragraph 13, section I.	1185	2900
1032	See paragraph 13, section I.	1186	4510
1033	See paragraph 13, section I.	1191	1192
1038	0142	1196	1197
1039	0142	1198	2910
1040	1042	1200	1203
1041	2158	1201	1203
1060	Use appropriate pilot classification.	1202	1203
1063	Use appropriate pilot classification.	1206	1204
1065	Use appropriate pilot classification.	1210	2910
1068	0200, 1014	1221	1222
1070	Use appropriate pilot classification.	1223	1222
1071	Use appropriate pilot classification.	1224	9312
1072	Use appropriate pilot classification.	1226	1222
1073	0200	1227	1222
1074	0200	1228	1222
1075	2120, 2136	1241	1524
1076	Use appropriate pilot classification.	1242	1524
1100	1102, 1105, 1193, 1194, 1195, 1197	1311	0662
1101	1102, 1105, 1193, 1194, 1195, 1197	1312	0662
1110	1112	1313	4880
1111	1112	1314	4880
1120	1122	1329	1328
1121	1122	1330	1328
1130	1132	1332	1331, 1336, 1337, 1339, 1363
1131	1132	1333	1331
1140	1143	1334	1331, 1336, 1337, 1339, 1363
1142	1122	1335	1331, 1336, 1337, 1339, 1363
1151	1154	1341	1342
1152	1154	1351	1331
1153	1154	1352	1331
1162	1102	1353	1342
1163	1102	1360	1366
1170	1172, 1174, 1177	1364	1366

<i>Code deleted</i>	<i>Substitute code or codes suggested</i>	<i>Code deleted</i>	<i>Substitute code or codes suggested</i>
1368	1366	1920	0825
1370	1372	1921	0820
1410	1413	1940	2556
1411	1413	2020	See paragraph 13, section I.
1412	1413	2021	See paragraph 13, section I.
1501	1510, 1512, 1513, 1542, 1560	2024	See paragraph 13, section I.
1505	1510, 1512, 1513, 1542, 1560	2043	2042
1506	1510	2044	2042
1507	1510	2046	2042
1508	1510	2116	2120
1509	1510	2130	2019
1511	2900	2131	2136
1515	4510	2132	2136
1521	1524	2133	See paragraph 13, section I.
1523	1524	2134	2622
1531	1510, 1512, 1513, 1542, 1560	2135	2622
1535	1510, 1512, 1513, 1542, 1560	2152	2150, 2162
1536	1510, 1512, 1513, 1542, 1560	2156	2120
1537	1510, 1512, 1513, 1542, 1560	2160	2150, 2162
1541	1510, 1512, 1513, 1542, 1560	2163	2120
1551	2910	2168	See paragraph 13, section I.
1610	1613	2171	See paragraph 13, section I.
1611	1613	2172	See paragraph 13, section I.
1612	1613	2173	2164
1614	1613	2174	See paragraph 13, section I.
1615	1613	2240	2210
1616	1613	2320	See paragraph 13, section I.
1617	1613	2323	2120, 5401
1618	2910	2326	0611
1619	1613	2329	5401
1621	9312	2403	2120, 2520
1622	1620	2407	2120
1623	1620	2411	6402
1625	1620	2501	3500
1626	2900	2510	See paragraph 10, section I.
1627	1524	2511	See paragraph 10, section I.
1633	2910	2515	See paragraph 10, section I.
1910	1219	2516	2783

<i>Code deleted</i>	<i>Substitute code or codes suggested</i>	<i>Code deleted</i>	<i>Substitute code or codes suggested</i>
2521	2166	2621	0240
2522	2525	2623	2525, 2725
2527	3000	2630	2120
2530	Use appropriate pilot classification.	2642	2120, 9231, 9311
2531	1035	2671	2610, 2611
2532	1035	2672	2610, 9010
2533	1034	2673	0030
2534	2554	2675	2611
2535	1029	2676	0640
2536	1026	2678	0030, 0015
2537	2622	2679	2610, 2611
2538	2622	2919	2900
2539	1026, 2161	3001	3000
2540	See paragraph 13, section I.	3010	See paragraph 13, section I.
2541	2543	3030	2613
2542	1054	3090	3100, or appropriate specialty in accordance with Appendix II.
2543	See paragraph 10, section I.	3102	3100, or appropriate specialty in accordance with Appendix II.
2544	See paragraph 13, section I.	3103	3150
2545	1054	3109	3100 or appropriate medical specialty.
2546	1024	3110	4831
2547	Use appropriate pilot classification.	3114	4891
2549	1026	3117	3139
2550	1035	3118	3150
2551	1034	3119	3005
2552	1035	3120	3100, or appropriate specialty in accordance with Appendix II.
2553	1034	3122	3100, 3500, 3503, 3504
2557	Use appropriate pilot classification.	3124	3126, 3151
2558	Use appropriate pilot classification.	3132	3130
2559	Use appropriate pilot classification.	3135	3139
2560	2554	3136	3150
2561	1051	3140	3430
2562	1051	3145	3420
2563	1082	3148	3430
2565	Use appropriate pilot classification	3149	3434, 3437, or appropriate nursing specialty.
2612	7400, 7415, 7416, 7421	3154	See paragraph 13, section I.
2618	0030	3155	3005
2619	2019		
2620	2525		

<i>Code deleted</i>	<i>Substitute code or codes suggested</i>	<i>Code deleted</i>	<i>Substitute code or codes suggested</i>
3156	3100	3438	3449
3157	3108	3441	3449
3160	3100, or appropriate specialty in accordance with Appendix II.	3446	3449
		3450	7050
3161	3000	3501	3500
3162	3100, or appropriate specialty in accordance with Appendix II.	3502	2900
3164	3161	3505	3503
3165	7050	3602	3309
3166	See paragraph 10, section I.	3604	2501, 2527
3167	3162	4017	2902
3168	See paragraph 10, section I.	4020	4451
3176	3161	4021	4451
3181	3180	4022	4451
3183	3418	4024	2900
3190	See paragraph 13, section I.	4111	4110
3192	3100	4131	4325
3207	3200	4311	4310, 4320, 4490
3211	See paragraph 10, section I.	4315	4314
3220	3221, 3316	4321	4310, 4320, 4490
3224	3231	4322	4130
3300	7430	4330	4310, 4320
3301	3005	4350	6410
3302	See paragraph 13, section I.	4351	2613
3304	See paragraph 13, section I.	4401	4400
3308	See paragraph 13, section I.	4405	4406
3312	7316	4409	0806
3313	3152, 3175	4412	4400, 4410, 4709, 4710
3317	3318	4418	4415
3318	3100, or appropriate specialty in accordance with Appendix II.	4420	4314
		4421	4314
3319	3100, or appropriate specialty in accordance with Appendix II.	4422	4314
3320	See paragraph 13, section I.	4430	4310, 4320
3321	See paragraph 13, section I.	4431	4310, 4320
3322	3130, 3132, 3162	4432	4310, 4320
3323	See paragraph 13, section I.	4433	4310
3324	See paragraph 13, section I.	4442	0661
3410	2251	4445	0804
3434	3449	4446	0660

<i>Code deleted</i>	<i>Substitute code or codes suggested</i>	<i>Code deleted</i>	<i>Substitute code or codes suggested</i>
4447	0660	5501	5500
4453	4805	5502	5500
4455	0804	5504	5500
4456	0804	5505	5500
4460	4440	5506	5500
4471	4470	5531	5500
4480	4314	5541	See paragraph 10, section I.
4491	4490	5542	5505
4492	7050	5543	2712
4515	4510, 4514	5550	5554
4516	4500, 4513	5551	5554, 6403
4517	2901	5560	2120
4518	7415	5610	5000
4519	4314	5611	5000, 5261, 5661
4531	4510	5621	2120, 4110, 5661
4604	4602, 4606	5622	6102
4711	4710	5623	5000
4802	4922	5624	5000
4804	4870	5630	5000, 5261
4810	7120	5700	5000, 5261, 5661
4811	7120	5710	5000
4812	4912	5730	5000, 6400, 6402
4904	2140	5740	5000
4920	7050	5741	5000
4921	7050	6120	8125
4970	4709	6202	6201
5001	5000	6203	6302
5002	5004	6204	6201
5102	5004	6205	6201
5230	8537	6404	6400, 6402
5231	8537	7000	See paragraph 13, section I.
5260	5250, 5261	7111	7421
5422	2154	7220	0823
5430	5522	7241	7240

<i>Code deleted</i>	<i>Substitute code or codes suggested</i>	<i>Code deleted</i>	<i>Substitute code or codes suggested</i>
7245	See paragraph 13, section I.	7810	7710
7311	7422	7821	7820
7328	4832	7822	7820
7340	7310, 7312	7823	7723
7350	7421	7824	7723
7400	4319	7825	7723
7401	7400	7826	7723
7410	7415	7840	7740
7414	7421	7850	7830
7506	7500	7863	2154
7520	7421, 7500	7866	7862
7530	2025, 4514, 4701, 4822, 7050, 7539	7867	0502
7532	4807	7868	7871
7533	4808	7880	4314
7534	4825	7910	7916
7537	7400	7911	7916
7538	7050	7912	7917
7541	7540	7913	7914
7542	4823	7923	7110
7560	2902	8102	8101
7561	4801	8105	0009
7562	4514, 4530	8106	8104
7563	4803, 4805	8203	4314
7564	4801	8211	8219
7567	4530	8212	8219
7568	2900	8213	8219
7569	9224	8214	8219
7615	7610	8216	8219
7620	7611	8241	4942
7721	7720	8250	7916
7722	7720	8300	7940
7731	7730	8508	7052
7732	7730	8509	4314
7750	7730	8510	8500, 8537

<i>Code deleted</i>	<i>Substitute code or codes suggested</i>	<i>Code deleted</i>	<i>Substitute code or codes suggested</i>
8512	8537	9213	9210
8513	8511, 8537	9214	9414
8514	2685	9215	9415
8541	8540	9216	9210
9111	9110	9218	9231
9115	9110	9230	9231
9117	9110	9304	9305
9118	9110	9308	9620
9119	9110	9309	9300
9211	9210	9500	9511
9212	9210		

cancies in military elements with known missions. These position vacancies are listed as *re-evaluation prototypes* following the definition of each alphabetical group. Thus, an officer without the formal training required for initial classification in group B, may be elevated to group B if, in the opinion of an expert observer, he has demonstrated the professional competence requisite of the *ideal* incumbent in the group B prototype. It should be clearly understood that assignment, with satisfactory results, to a prototype position does not in itself entitle an officer to the rating associated therewith; he is not entitled to such rating unless he demonstrates the professional competence associated with the *ideal* incumbent in the prototype position. Further, the officer need not currently be assigned to any prototype position in order to be eligible for a change in rating. The position vacancy actually occupied should not influence the observer in recommending changes. For example, a malassigned officer classified as D-3150, who currently is serving as Surgical Ward Officer may be elevated to B-3150, if the surgical consultant considers such a change justified by comparison with the re-evaluation prototypes for group B. The desired result is that all officers, regardless of current assignment, shall be classified in accordance with their potential professional ability in comparison with the ideal incumbents in the prototype positions specified. The alphabetical prefix denoting degree of proficiency will not be used in connection with MOS 3100 (Medical Officer, General) or MOS codes for Medical Officer, Staff (3000) and Medical Officer, Command (3500). The following standard, in general, will be used in determining the appropriate alphabetical prefix:

a. GROUP A. Civilian or military background or recognized and outstanding ability in the specialty. Officers so classified must have achieved such unequivocal prominence as to make them authorities in their particular fields. Examples are outstanding contributors to scientific research and to the development of the specialty under consideration. RE-EVALUATION PROTOTYPES: Consultant or senior officer in the specialty in headquarters of a major command, theater, Army, service command, or headquarters of similar size.

b. GROUP B. Superior training and experience. Classification in this group indicates a period of intensive post-graduate training in the specialty sufficiently prolonged and of such caliber as to insure the optimum in professional knowledge and technique, as judged by the standards normally associ-

ated with recognized teaching centers. (The duration of such training will vary with the field under consideration; ordinarily it will not be less than 2 years following the internship for such specialties as otorhinolaryngology, nor 3 to 5 years following the internship for such specialties as surgery and internal medicine.) An additional requirement is evidence of sufficient independent experience to indicate mature judgment and ability to function in the specialty without professional supervision. Ordinarily, such individuals will have been certified by one of the American Specialty Boards in specialties for which such boards are constituted. RE-EVALUATION PROTOTYPES: The responsible *anatomic pathologist* in a histopathologic center; the responsible *clinical pathologist* in a general or regional hospital; the responsible *preventive medicine officer* in minor theaters or in large posts, camps, and stations; chief of *neurosurgery section* in a neurosurgical center; chief of *thoracic surgery section* in a thoracic surgical center; chief of *plastic surgery section* in a plastic surgical center; for all other specialties, chief of service or section in the specialty in a general or regional hospital.

c. GROUP C. Two types of officers are included in this group. The first are younger officers who recently have completed the intensive training specified for Group B, but who could not be expected to exercise the mature judgment requisite of that group because of lack of independent experience. The second are older officers who have had less formal training, but show evidence of extended periods of independent experience in environments normally associated with high professional standards. Limitation of practice to the specialty under consideration is ordinarily a requisite for initial classification in Group C. RE-EVALUATION PROTOTYPES: *Assistant anatomic pathologist* in a histopathologic center; *clinical pathologist* in a station hospital of less than 1,000 beds; chief of *preventive medicine* or *medical inspector* in divisions or in small posts, camps, and stations; *assistant to chief of a neurosurgery section* in a neurosurgical center; *assistant to chief of thoracic surgery* in a thoracic surgical center; *assistant to chief of plastic surgery section* in a plastic surgical center; for all other specialties, chief of service or section in a 250-bed station hospital.

d. GROUP D. Training and/or experience sufficient to justify classification in a specialty group. This necessarily is a broad group and includes officers of varying professional competence. For example, officers who recently have completed a resi-

dency or fellowship of 1 year in a recognized teaching center ordinarily would be included, as would also mature individuals without formal training who have not limited their practices to specialized fields, but have devoted a reasonable proportion of their practices to such fields. In certain selected instances officers who have completed an internship limited to the specialty in institutions of recognized superior standards may be included. (Thus, officers who have completed successfully certain intensive Army courses designed to augment the specialty under consideration will be included. This does not include general courses given to large groups of officers for purposes of orientation and not designed to fit the officers for assumption of specific responsibilities in the field under consideration.)

**RE-EVALUATION PROTOTYPES:** A medical officer in any Army installation may be elevated to Group D upon demonstration to an officer qualified in medical re-evaluation of competence in the specialty greater than that expected of a Medical Corps Officer, General Duty (3100). Ordinarily, such re-evaluation should require observation for a period of three months or longer.

#### 4. Classification Questionnaires, WD AGO Form 178-2, WD AGO Form 66-1 and WD AGO Form 66-3

a. Each Medical Corps officer will execute WD AGO Form 178-2 (fig. 1) in triplicate upon appointment in the Medical Corps. When such officer enters upon extended active duty The Surgeon General will enter his initial classification in the box in upper right hand corner on the three copies of WD AGO Form 178-2, and will forward the original and one copy of this completed form to the appropriate commanding general of one of the following:

Army Ground Forces.

Army Air Forces.

Army Service Forces.

Defense Commands.

Oversea Theaters of Operations, and

Other Oversea Commands not under the jurisdiction of the foregoing.

The major command will cause the following action to be taken:

(1) The original of WD AGO Form 178-2 will be retained in the headquarters of such commanding general. Upon transfer of an officer from one to another of the commands specified above, the Commanding General of the first command will be

responsible for expeditious transmittal of his headquarter's copy of WD AGO Form 178-2, (together with attached copies of WD AGO Form 178-3) to the Commanding General of the second command.

(2) The copy of WD AGO Form 178-2 will be forwarded to the headquarters responsible for preparation of WD AGO Form 66-1 or 66-3 of the Medical Corps officer involved. The classification set forth on such copy will be correctly entered on the Form 66-1 or 66-3 of the officer involved. If Form 66-1 is maintained, the copy of Form 178-2 will be *attached* to and kept *permanently* with this Form 66-1. If Form 66-3 is maintained, the data thereon will be verified and corrected in accordance with the information shown on the copy of Form 178-2. Form 178-2 need not be attached to or kept with Form 66-3 at the unit level.

(3) WD AGO Form 66-3 will be executed in accordance with such directives as may be issued by the Commanding General, Army Air Forces.

b. Within Army Service Forces, the original and one copy of WD AGO Form 178-2 will be forwarded to the appropriate Commanding General of one of the following:

Commanding Generals, first through Ninth Service Commands.

Commanding General, Military District of Washington.

Chiefs of Technical Services.

If the copy has already been attached to WD AGO Form 66-1 by a headquarters responsible for preparation of the latter, then only the original WD AGO Form 178-2 will be forwarded to the appropriate one of the above Commanding Generals.

(1) Commanding generals of service commands and chiefs of technical services will be responsible for forwarding expeditiously the original of WD AGO Form 178-2 on those officers transferred to other service commands or technical services.

(2) Upon transfer of an officer from the assignment jurisdiction of one of the commanding generals or chiefs of technical services specified above, to the assignment jurisdiction of the Commanding General, Army Air Forces, the Commanding General, Army Ground Forces, or of the commanding general of a defense command, oversea theater of operations, or other oversea command not under the jurisdiction of the foregoing, the first commanding general or chief of technical service will be responsible for the expeditious transmittal of the original WD AGO Form 178-2 on the officer concerned, to The Surgeon General. All such questionnaires will bear wrapper indorsement set-

ting forth clearly the new station or the shipment number. The Surgeon General will be responsible for proper coordination of such questionnaires and for their prompt dispatch to the receiving command.

## 5. Reporting of Changes in Classification

a. Recommendations for changes in classification will be submitted in triplicate on WD AGO Form 178-3 (fig. 2) by commanding officers or by consultants to the commanding generals specified in paragraph 4a of this appendix. Upon approval, by the commanding general concerned, the three copies of WD AGO Form 178-3 will be distributed as follows:

(1) The original will be attached to, and kept permanently with, the headquarter's original of WD AGO Form 178-2.

(2) The first copy will be forwarded to the headquarters which maintains WD AGO Form 66-1, (or 66-3 at the unit level) where it will be attached to and kept permanently with WD AGO Form 66-1 or WD AGO Form 66-3.

(3) The second copy will be forwarded without delay to The Surgeon General.

b. Within Army Service Forces the commanding general of a service command or chief of a technical service will forward to The Surgeon General the original and two copies of WD AGO Form 178-3 on all recommendations approved by his Headquarters. The original and one copy indicating authorization or disapproval of the recommended change will be returned by The Surgeon General

to the commanding general or chief of technical service concerned, who will retain the original in his headquarters and forward the copy to the subordinate commander who initiated the recommendation. The form may be initiated by consultants or chiefs of professional divisions as well.

## 6. Annual Review of Classification

a. Between 1 January and 31 March of each year, each commanding general specified in paragraph 4a and b of this appendix, will accomplish an annual review and evaluation of the classification of each Medical Corps officer over whom he has jurisdiction when the classification has not been reviewed within 3 months prior to January 1. The annual review will not be perfunctory but will be predicated upon information adequate to determine the propriety of any changes in classifications. The establishment of this annual review does not obviate or qualify the continuing obligation to review classifications as circumstances currently justify.

b. Not later than 15 April of each year, each such commanding general will forward to The Surgeon General, War Department, Washington 25, D. C., an annual report which includes every Medical Corps officer over whom he had assignment jurisdiction on the preceding 31 March. The report will include the submission in triplicate by each subordinate commander of WD AGO Form 178-3 on each Medical Corps officer under his command on the 31st day of March. Distribution will be accomplished as directed in paragraph 5a and b of this appendix.

## CLASSIFICATION QUESTIONNAIRE OF MEDICAL DEPARTMENT OFFICERS

(Medical Corps, Dental Corps, and Veterinary Corps Only)

**INSTRUCTIONS.**—This form will be filled out on typewriter in triplicate. (If typewriter is not available, clear printing must be used.) Each item must bear at least one entry except in paragraphs 4, 14, and 17. If "none" is applicable, so state. The Surgeon General desires to stress the importance of completeness and accuracy in the execution of this form inasmuch as it is used extensively in the determination of professional qualification and in subsequent assignment and reassignment.

1. Last name, first name, middle initial						Army serial No.	Grade and Corps		
2. Date of birth	Age	Race	Sex	Marital status	Place of birth	Legal residence			
Citizen of			Country of father's birth			Country of mother's birth			
3. Date of entry on active duty		Initial grade		4. IF THIS IS A NEW APPLICATION LEAVE BLANK General service _____ Limited service _____ Qualified for overseas duty _____ If limited service, cause _____					
5. Preprofessional education (College or gymnasium).									
NAME OF SCHOOL			LOCATION			YEARS ATTENDED	GRADUATION		DEGREES
a.							Month	Year	
b.									
6. Professional education (civilian only).									
NAME OF PROFESSIONAL SCHOOL			LOCATION			YEARS ATTENDED	GRADUATION		DEGREES
a.							Month	Year	
b.									
7. Internship (do not include residencies).									
NAME OF HOSPITAL			LOCATION			SERVICE		YEAR AND MONTH COMPLETED	TIME MONTHS
a.									
b.									
8. Residencies and fellowships.									
NAME OF HOSPITAL OR INSTITUTION			LOCATION			SERVICE OR SUBJECT	TITLE	YEAR AND MONTH COMPLETED	TIME MONTHS
a.									
b.									
c.									
d.									
e.									
9. Certified by American Board of					Date	10. Membership in Professional Societies.			
Subspecialty (recognized by an American Specialty Board after examination).					Date	PROFESSIONAL SOCIETIES		YEAR	
11. License		State or Territory and year		Diplomate of National Board of Medical Examiners?					
<input type="checkbox"/> Yes <input type="checkbox"/> No									
12. Present occupation (principal duty and station if on active duty).									
13. Private practice (civilian).									
PLACE			DAYS		AS GENERAL PRACTITIONER		AS SPECIALIST (Specify)	PERCENT OF TIME DEVOTED TO SPECIALTY	
			From—	To—	Yes	No			
a.									
b.									
c.									

WD AGO Form 178-2  
1 January 1944

This form supersedes WD AGO Form 178-2, 1 June 1940, which will not be used after receipt of this revision. WD AGO Form 178-2, 1 August 1943, WD AGO Form 178-2, 27 January 1944 and WD AGO Form 178-2, 5 June 1944 may be used until existing stocks are exhausted.

ATTACH ADDITIONAL SHEETS IF NECESSARY

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© FRONT.  
FIGURE 1

**14. Practice in civilian life confined to field indicated by (xx). Special attention indicated by (x). (MARK NOT MORE THAN 4).**  
Include experience during internship, residency, or fellowship only if recently completed.

General practice	Parasitology	Proctology (nonsurgical)	Dentistry, operative
Internal medicine	Entomology	Ophthalmology	Dental roentgenology
Tropical medicine	Serology	Surgery, eye	Dental prosthesis
Tuberculosis	Biochemistry	Otorhinolaryngology	Exodontia
Cardiology	Research	Bronchoscopy	Orthodontia
Gastroenterology	Surgery, general	Anaesthesiology	Periodontia
Gastroscope	Surgery, industrial	Diagnostic roentgenology	Surgery, oral
Endocrinology	Surgery, orthopaedic	Therapeutic roentgenology	Animal husbandry
Arthritis	Surgery, neurologic	Physical therapy	Large animal practice
Allergy	Surgery, thoracic	Aviation medicine	Surgery, large animal
Dermatology	Surgery, plastic	Public health	Small animal practice
Syphilology	Surgery, maxillofacial	Industrial hygiene	Surgery, small animal
Neurology	Surgery, genitourinary	Epidemiology	Veterinary inspection, meat and meat products
Psychiatry	Urology (nonsurgical)	Forensic medicine	Veterinary inspection, dairy products
Pediatrics	Gynaecology	Biometry	Food chemistry
Tissue pathology	Obstetrics	Nutrition	
Clinical pathology	Vascular surgery	Hospital administration	
Bacteriology	Proctology (surgical)	Dentistry, general	

**15. Teaching associations and appointments with professional schools.**

INSTITUTION	TITLE	DATES	
		From—	To—
a.			
b.			

**16. Hospital appointments (visiting staff only).**

INSTITUTION	TITLE	DATES	
		From—	To—
a.			
b.			

**17. Special instruction while on active duty. (Include both Service Schools and Civilian Institutions giving special army courses.)**

LEAVE BLANK WHEN NO COURSE HAS BEEN TAKEN

NAME OF SCHOOL	COURSE	TIME (Weeks)	MONTH AND YEAR COMPLETED	DO NOT WRITE IN THIS SPACE
a.				
b.				
c.				
d.				

**18. Foreign languages (specify proficiency as excellent, good, fair)**

**19. Residence in foreign countries**

LANGUAGE	READ	SPEAK	AUTORITY COMPREHENSION	COUNTRY	FROM—	TO—
a.						
b.						
c.						

**20. Special field of interest (Professional)**

**21. Principal assignments in Army (Indicate duty clearly as "chief medical service," "ward officer orthopaedic service," etc.)**

STATION	LOCATION	PRINCIPAL DUTY	TIME (Months)

I CERTIFY that the information given in paragraphs 1 thru 21 above is true, accurate, and complete. Date \_\_\_\_\_  
Signature \_\_\_\_\_

FOR REMARK BY SENIOR MEDICAL OFFICER OF ORGANIZATION. In my opinion (regardless of present assignment) this officer is best qualified for duty as \_\_\_\_\_

1. \_\_\_\_\_ 2. \_\_\_\_\_  
 Officer has not been under my observation sufficient time for appraisal.

Date	Station	Grade	Signature

. ATTACH ADDITIONAL SHEETS IF NECESSARY

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Φ BACK.

FIGURE 1—Continued.

**REEVALUATION DATA FOR MEDICAL DEPARTMENT OFFICERS**

1. TO:		(ATTENTION THE SURGEON)					
2. NAME (Last - First - Middle Initial)		3. ASH	4. GRADE AND CORPS				
5. GENERAL SERVICE? _____ LIMITED SERVICE? _____		FIT FOR OVERSEA DUTY? _____ IF LIMITED SERVICE, CAUSE _____ CLIMATIC RESTRICTIONS _____					
6. PRESENT CLASSIFICATION (S) (From WD AGO FORMS 178-2, 66-1, or 66-3)							
7. PRINCIPAL ASSIGNMENTS PREVIOUS 12 MONTHS (Indicate duty clearly as "Chief Medical Service", "Ward Officer Orthopaedic Section", etc.) UNDER PERFORMANCE SPECIFY "EXCELLENT", "SATISFACTORY", "UNSATISFACTORY". INDICATE BED SIZE OF UNIT WHERE APPLICABLE.							
STATION AND LOCATION (Or APO)	NO. BEDS	PRINCIPAL DUTY	TIME (MO.)	PERFORMANCE			
(a)							
(b)							
(c)							
8. SPECIAL COURSES COMPLETED PREVIOUS 12 MONTHS							
NAME AND LOCATION OF SCHOOL		COURSE	TIME (WKS)	RATING			
(a)							
(b)							
9. CHECK ALL POSITIONS IN THE FOLLOWING LIST WHICH YOU CONSIDER OFFICER COMPETENT TO PERFORM. CONSIDER ADMINISTRATIVE - TACTICAL COMPETENCE AND PROFESSIONAL COMPETENCE SEPARATELY. INDICATE BED SIZE WHERE APPLICABLE. OFFICER NEED NOT CURRENTLY BE ASSIGNED TO ANY OF THE POSITIONS FOR WHICH RECOMMENDED.							
ADM AND/OR TACT. COMP.	PROF. COMP.	POSITION	BEDS	ADM. OR TACT. COMP.	PROF. COMP.	POSITION	BEDS
		THEATRE OR MAJOR FORCE SURGEON	X X X X			CHIEF OF SV. IN HIS SPECIALTY	
		SVC. SURGEON	X X X X			IN: EVACUATION HOSP.	
		POST SURGEON	X X X X			STA. HOSP.	
		ARMY SURGEON	X X X X			GEN. HOSP.	
		DIV. SURGEON	X X X X			CHIEF OF SEC. IN HIS SPECIALTY	
		REGTL. SURGEON	X X X X			IN: EVACUATION HOSP.	
		BN. SURGEON	X X X X			STA. HOSP.	
		CO. MED BN.	X X X X			GEN. HOSP.	
		CO. COLL OR CLR CO.	X X X X			WARD OFFICER IN HIS SPECIALTY	
		CO. EVACUATION HOSP.	X X X X			IN: EVACUATION HOSP.	
		CO. STA HOSP.	X X X X			STA. HOSP.	
		CO. GEN HOSP.	X X X X			GEN. HOSP.	
		CO. FIELD HOSP.	X X X X			RESEARCH (Specify under remarks)	
		EX. OFF. EVACUATION HOSP.	X X X X			OTHER	
		EX. OFF. STA HOSP.	X X X X				
		EX. OFF. GEN HOSP.	X X X X				
10. REMARKS (Include opinion of immediate superior in his specialty and chief of service if applicable)							
11. ON BASIS OF DEMONSTRATED OR POTENTIAL CAPACITY, I RECOMMEND THIS OFFICER BE CLASSIFIED AS FOLLOWS:							
12. DATE		13. SIGNATURE OF REPORTING OFFICER (CO or MC Officer or Senior MC Officer in the next higher HQ)					
14. REMARKS - CONSULTANT OR CHIEF OF PROFESSIONAL DIVISION (The senior representative in the specialty in HQ. for specialties in which no consultant is appointed)							
15. DATE		16. SIGNATURE OF CONSULTANT OR CHIEF OF PROFESSIONAL DIVISION (Specify title)					

WD AGO FORM 178-3 ATTACH ADDITIONAL SHEETS IF NECESSARY - INCLUDE REPRINTS OF ORIGINAL ARTICLES  
1 AUG 1945

① FRONT.  
FIGURE 2

1ST ENDORSEMENT	
TO	
1.	<input checked="" type="checkbox"/> CONCURS THIS HEADQUARTERS <input type="checkbox"/> NON-CONCURS IN THE CLASSIFICATION(S) RECOMMENDED IN PARAGRAPH 11.
2. REMARKS	
FOR	SURGEON ( <i>Signature</i> )

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① BACK.  
FIGURE 2—Continued.

## APPENDIX III

### CODING OF WARRANT OFFICERS

#### I. Conversion of Warrant Officer Examination Classifications to Military Occupational Specialties

AR 610-10 and 610-15 provides for the examination of each applicant for appointment as warrant officer in technical subjects appropriate to the classification in which he seeks appointment. Separate examinations are required for the classifications listed below in the left hand pair of columns. The right hand pair of columns indicates the code and title which will be used to record the military occupational specialty of each class of warrant officer in Section 28 of WD AGO Form No. 66-1 and in reports based thereon.

#### TABLE OF WARRANT OFFICER EXAMINATIONS CONVERTED TO MILITARY OCCUPATIONAL SPECIALTY CODES AND TITLES

Class of Examination		Military Occupational Specialty	
Sub	Name	SSN	Title
<b>Administrative—</b>			
1	Clerical, general....	2600	Administrative Assistant.
2	Clerical, machine records .....	2401	Machine Records Officer.
3	Clerical, auditing and accounting....	6110	Auditing Officer.
5	Clerical, JAGD ....	2601	Administrative Assistant, Legal.
6	Fiscal .....	6102	Exchange Accounting Officer.
		6201	Finance Officer, Disbursing.
7	Supply, general ....	4000	Supply Officer, General.
8	Supply, Air corps...	4902	Technical Supply Officer, Air.
9	Supply Signal Corps	4400	Signal Supply Officer.
10	Supply, Medical Corps .....	4490	Medical Supply Officer.
11	Supply and Clerical, Ord Dept .....	4411	Supply Officer, Administrative.
<b>Technician Specialist—</b>			
12	Aviation, weather...	8219	Weather Officer.

#### TABLE OF WARRANT OFFICER EXAMINATIONS CONVERTED TO MILITARY OCCUPATIONAL SPECIALTY CODES AND TITLES (Cont'd)

Class of Examination			
Sub	Name	SSN	Title
13	Aviation, photography .....	8502	Aerial Photographic Officer.
15	Aviation, engineering .....	4823	Aircraft Engineering Officer.
16	Aviation, armament.	4822	Armament and Chemical Officer.
17	Aviation, bombsight.	4825	Bombsight Maintenance Officer.
19	Construction and utilities, CE .....	7120	Utilities Maintenance Officer.
20	Motor transport....	0600	Motor Transport Officer.
21	Motor, Ord Dept...	4805	Automotive Maintenance and Repair Officer.
22	Topographic, CE....	7915	Topographic Engineer.
23	Munitions, Ord Dept, armament machinist .....	4813	Ordnance Maintenance Service Officer.
24	Munitions, CAC....	4510	Munitions Officer.
25	Munitions, Ord Dept, Ammunition.	4514	Ammunition Supply Officer.
26	Munitions, CWS....	4500	Chemical Supply Officer.
27	Signal Communication, general .....	0200	Communications Officer.
28	Signal communication, AC .....	0200	Communications Officer.
29	Signal communication, FA .....	0200	Communications Officer.
30	Tank .....	0606	Track Vehicle Maintenance Officer.
31	Signal communication, crypto-graphic, SC .....	0224	Message Center Officer, Cryptographic.
32	Reconnaissance, CAC .....	1183	Reconnaissance and Survey Officer

**TABLE OF WARRANT OFFICER EXAMINATIONS  
CONVERTED TO MILITARY OCCUPATIONAL  
SPECIALTY CODES AND TITLES**  
(Cont'd)

Class of Examination	Military Occupational Specialty		
Sub	Name	SSN	Title
33	Animal transport....	0632	Pack Officer.
34	Parachute maintenance .....	4820	Parachute Maintenance Officer.
35	Maritime .....	0820	Master or Mate.
36	Maritime engineer..	0823	Marine Engineer.
37	Signal communication, electronics ..	0145	Radar Maintenance and Repair Officer.
38	Administrative-cost Accountant .....	6131	Price Analyst.
40	Administrative Property Disposal Specialist .....	4309	Renegotiation and Contract Termination Officer.
—	Band Leader .....	5241	Band Leader.

**2. Change in Classification of Warrant Officers**

For regulations governing change of classification of warrant officers holding temporary appoint-

ments in the Army of the United States, see AR 610-15.

**3. Interpretation of Job Specifications as Applied to Warrant Officers**

Present qualification statements contained in specifications for military occupational specialties listed above will be disregarded in their application to warrant officers. Warrant officers will acquire a military occupational specialty by virtue of examination in and appointment to specific classifications.

**4. Duty Assignment of Warrant Officers**

Although warrant officers may only acquire a military occupational specialty appropriate to the classification for which examined, they may be given various duty assignments consistent with their classification. For example, a warrant officer qualified in MOS 2600, Administrative Assistant, by virtue of examination in Subject No. 1, "Administrative, clerical, general," may appropriately be assigned the duty of Assistant Adjutant (2110), Military Personnel Officer (2200), Insurance Officer (5751), or other assignment requiring similar administrative qualifications.





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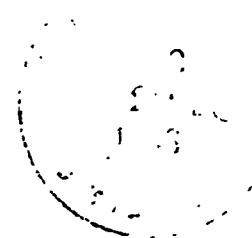
1.35:12-407

# TM 12-407

WAR DEPARTMENT TECHNICAL MANUAL

## OFFICER CLASSIFICATION— COMMISSIONED AND WARRANT: MILITARY CLASSIFICATION AND CODING

Field Operations



WAR DEPARTMENT • 30 OCTOBER 1943



# Officer Classification

## Commissioned and Warrant

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**CHANGES** { WAR DEPARTMENT,  
No. 1 } WASHINGTON 25, D. C., 10 May 1944.

TM 12-407, 30 October 1943, is changed as follows:

**SECTION I. INTRODUCTION TO OFFICER MILITARY CLASSIFICATION.**

1. Insert Page 6.1 containing changes and additions to Section I.

2. Add subparagraph (3) to paragraph 4c, "Interpretation of Job Specification." (See page 6.1.)

3. Delete second sentence of paragraph 7, "CODING OF GENERAL OFFICERS." (See page 6.1 for revision.)

4. Delete items 1 through 9 of paragraph 14, "SUGGESTED ADDITIONS OR REVISION OF TITLES AND SPECIFICATIONS." (See page 6.1 for revision.)

5. Add paragraphs 15, "CODING OF MEDICAL OFFICERS," and 16, "CODING OF WARRANT OFFICERS." (See page 6.1.)

**SECTION II. NUMERICAL LIST OF MILITARY OCCUPATIONAL SPECIALTIES.**

1. Delete the following codes and titles—(It is suggested that changes in this section be made in the following manner: Line out deleted code and title and write in suggested substitute code or codes, for example ~~0902 FERRING OPERATIONS OFFICER~~—USE 2161.)

DELETED CODE	SUGGESTED SUBSTITUTE TITLE	CODE OR CODES
0902	FERRING OPERATIONS OFFICER	2161
1041	OPERATIONS AND OXYGEN OFFICER	2158
2116*	SCHOOL SECRETARY	2120
2156*	RATIONING OFFICER	2120
2323*	RECEPTION OFFICER	2120, 5401*
2329*	INDUSTRIAL RELATIONS OFFICER	5401*
2403*	BOMBING RECORDS OFFICER	2120, 2520*
2407	RECORDS OFFICER	2120
2521*	TRAINING INSPECTOR	2166*
2530*	DIRECTOR OF FLYING	
2531*	DIRECTOR OF BOMBARDIER TRAINING	1035
2532*	DIRECTOR OF BOMBARDIER GROUND TRAINING	1035
2533*	DIRECTOR OF AERIAL NAVIGATION TRAINING	1034

\* Specification appears in TM 12-406.

<sup>1</sup> See appropriate pilot code.

DELETED CODE	SUGGESTED SUBSTITUTE TITLE	CODE OR CODES
2534*	DIRECTOR OF AERIAL GUNNERY TRAINING	2554*
2535*	DIRECTOR OF AERIAL OBSERVATION TRAINING	1029
2536*	DIRECTOR OF GLIDER TRAINING	1026
2539	GLIDER OPERATIONS OFFICER	1026, 2161
2545*	FLYING INSTRUCTOR, ADVANCED SINGLE-ENGINE	1054
2546*	FLYING INSTRUCTOR, FOUR-ENGINE	1024
2547*	INSTRUMENT-FLYING-TRAINER OFFICER	1
2549*	FLYING INSTRUCTOR, GLIDER	1026
2550*	AERIAL INSTRUCTOR, BOMBARDIERING	1035
2552*	BOMBARDIER INSTRUCTOR	1035
2553*	NAVIGATION INSTRUCTOR	1034
2557*	PILOT, BOMBARDIER TRAINING	1
2559*	PILOT, NAVIGATION TRAINING	1
2561*	FLYING INSTRUCTOR, ADVANCED TWIN-ENGINE	1051
2563*	FLYING INSTRUCTOR, SPECIALIZED B-26	1082
2630*	CORRESPONDENCE CONTROL OFFICER	2120
2642*	MILITARY IDENTIFICATION OFFICER	2120, 9311*
5002*	SPECIAL SERVICES INFORMATION OFFICER	5004
5621*	CLUB OFFICER	2120, 4110, 5661
8105	TRIAL JUDGE ADVOCATE	0009
8212	WEATHER OFFICER, CLIMATOLOGY	8211
8213	WEATHER OFFICER, OCEANOGRAPHY	8211
8214	WEATHER OFFICER, STATISTICAL	8211
8216	WEATHER OFFICER, TROPICAL FORECASTING	8211
9212*	UTILITIES PROTECTION OFFICER	9210*
9218*	FINGERPRINT OFFICER	9231*
9230*	IDENTIFICATION OFFICER	9231*

2. Change titles to read as indicated below. For codes and titles of specifications formerly appearing only in TM 12-406 and now appearing in this manual, delete asterisks after codes in left hand column and add page numbers. (It is suggested that changes be made by writing or pasting in new title as space permits.)

CODE	TITLE	PAGE
0810*	HARBOR MASTER to 0801* HARBOR MASTER	
0815*	SUPERINTENDENT, WATER DIVISION	
0913*	PRIORITIES AND TRAFFIC OFFICER, AIR	
1024	PILOT, FOUR-ENGINE	26 <i>i</i>

CODE	TITLE	PAGE
1050	PILOT, RADIO-CONTROLLED TARGET (PQ TYPE).....	30.1
1051	PILOT, TWO-ENGINE.....	30.1
1074	ARMY AIRWAYS COMMUNICATIONS SERVICE UNIT COMMANDER.....	31
2680*	COMMUNICATIONS INSPECTION OFFICER.....	.....
2712*	INSTRUCTOR, ENGLISH.....	.....
3434	FLIGHT NURSE.....	68
4309*	RENEGOTIATION AND CONTRACT TERMINATION OFFICER.....	.....
5340*	MUSIC OFFICER to 5240* MUSIC OFFICER.....	.....
5521*	PHYSICAL TRAINING OFFICER.....	.....
5661	ATHLETIC AND RECREATION OFFICER.....	88.2
7313	BARRAGE BALLOON GAS SERVICE OFFICER.....	91
8211	WEATHER OFFICER, SPECIALIST.....	94.2
9210*	FACILITIES PROTECTION OFFICER.....	.....
9301	INTELLIGENCE STAFF OFFICER, COMBAT (G-2, A-2, S-2).....	99
9610*	SECURITY OFFICER, CRYPTOGRAPHIC.....	.....

\* Specification appears in TM 12-406.

3. Insert page 6.4 "SUPPLEMENTAL NUMERICAL LIST OF MILITARY OCCUPATIONAL SPECIALTIES."

### SECTION III. CODES, TITLES, AND SPECIFICATIONS.

1. Change titles and specifications as indicated below—(The following changes should be accomplished by writing in changes, using margins or other available space.)

Page 16, GENERAL OFFICER (0002)—change specification to read "This special code is to be entered for primary and secondary military occupational specialties of officers in grade of brigadier general or higher."

Page 18, AIRCRAFT WARNING OFFICER, FILTER (0160)—change paragraph 3 to read "Military experience including graduation from an Aircraft Warning Filter Course or equivalent training essential."

Page 19, SIGNAL OFFICER, BASIC (0215)—change paragraph 2 to read "Must be graduate of the Signal Corps Officer Candidate School, or have had similar basic military training."

Page 25, FERRYING OPERATIONS OFFICER (0902)—delete, use OPERATIONS OFFICER, AIR FORCES (2161).

Page 26, SERVICE PILOT, SINGLE ENGINE (0915)—delete last sentence, "Must hold Civil Aeronautics Authority license and should have Civil Aeronautics Authority instrument rating."

Page 26, SERVICE PILOT, TWO-ENGINE (0916)—delete last sentence, "Must hold Civil Aeronautics Authority license and should have Civil Aeronautics Authority instrument rating."

Page 27, SERVICE PILOT, FOUR-ENGINE (0917)—delete last sentence, "Must hold Civil

Aeronautics Authority license and should have Civil Aeronautics Authority instrument rating."

Page 28, BOMBER PILOT, FOUR-ENGINE (1024)—title changed to PILOT, FOUR-ENGINE (1024) and specification revised. (See page 28.1.)

Page 28, GLIDER PILOT (1026)—specification revised. (See page 28.1.)

Page 29, BOMBARDIER (1035)—specification revised. (See page 28.2.)

Page 29, NAVIGATOR-BOMBARDIER (1036)—paragraph 3, line 1, insert "celestial" before "air navigation."

Page 29, OPERATIONS AND OXYGEN OFFICER (1041)—delete, use OPERATIONS OFFICER, AIR FORCES (NON-RATED) (2158).

Page 31, AIRWAYS COMMUNICATIONS UNIT COMMANDER (1074)—change title to read "ARMY AIRWAYS COMMUNICATIONS SERVICE UNIT COMMANDER" (1074)—paragraph 1, line 1—change "Commands an airways communications unit" to read "Commands a unit of the Army Airways Communications Service."

Page 42, AVIATION ENGINEER UNIT COMMANDER (1337)—paragraph 1, line 11, after "revetments;" insert "including removal of mines and booby traps;"—paragraph 1, line 16, change "field airdromes and in use of weapons employed in defense." to read "field airdromes; makes provision for demolition of airdromes and facilities."

Page 48, AIR OBSERVATION PILOT (1981)—specification revised. (See page 48.1.)

Page 49, ADMINISTRATIVE OFFICER (2120)—specification revised. (See page 48.2.)

Page 52, RECORDS OFFICER (2407) delete, use ADMINISTRATIVE OFFICER (2120).

Page 53, GLIDER OPERATIONS OFFICER (2539)—delete, use GLIDER PILOT (1026) or OPERATIONS OFFICER, AIR FORCES (2161), whichever is appropriate.

Page 54, HEADQUARTERS COMPANY\* COMMANDER (2900)—line 1 of footnote, after "squadron" insert "platoon."

Page 54, SERVICE COMPANY COMMANDER (2910)—insert asterisk after "COMPANY" in title.

Page 55, MEDICAL OFFICER, GENERAL DUTY (3100)—end of paragraph 1, add "May administer general physical examinations to applicants for military or civil service appointments or assignments."

Page 58, NEUROPSYCHIATRIST (3130)—end of paragraph 1, add "May act as member of division surgeons' staff and advise on all matters pertaining to mental health of the command."

Page 67, PHARMACY OFFICER (3318)—paragraph 2, change "Medical school" to read

"college of pharmacy" delete "and have completed one year internship."

Page 68, NURSE, AIR EVACUATION (3434)—change title to read "FLIGHT NURSE" (3434).

Page 70, SUPPLY OFFICER, GENERAL (4000)—specification revised. (See page 70.1.)

Page 71, MESS OFFICER (4110)—specification revised. (See page 70.2.)

Page 73, SIGNAL SUPPLY OFFICER (4400)—paragraph 2, line 1, change "Must" to read "Should"—paragraph 3, line 2, change "essential." to read "very desirable."

Page 78, ORDNANCE SUPPLY OFFICER (4530)—paragraph 1, last line after "depot" add "or supply section of an ordnance unit or serve as unit ordnance supply officer."

Page 85, AIRCRAFT TORPEDO MAINTENANCE OFFICER (4824)—paragraph 3, last line, change "mechanics." to read "maintenance."

Page 86, ENGINEER EQUIPMENT MAINTENANCE AND REPAIR OFFICER (4880)—paragraph 1, line 2, delete "construction."

Page 89, STATISTICAL CONTROL OFFICER (6402)—change paragraph 3 to read "When assigned to units or installations of AAF, compliance with AAF Regulation 20-2 and a thorough knowledge of all directives and regulations pertaining to AAF standard reporting system is required."

Page 94, AIRPORT ENGINEER (7970)—specification revised. (See page 94.1.)

Page 95, TRIAL JUDGE ADVOCATE (8105)—delete, use SPECIAL ASSIGNMENT (0009).

Page 95, WEATHER OFFICER, FORECASTING (8211)—title changed to WEATHER OFFICER, SPECIALIST (8211) and specification revised. (See page 94.2.)

Page 95, WEATHER OFFICER, CLIMATOLOGY (8212)—delete, use WEATHER OFFICER, SPECIALIST (8211).

Page 96, WEATHER OFFICER, OCEANOGRAPHY (8213)—delete, use WEATHER OFFICER, SPECIALIST (8211).

Page 96, WEATHER OFFICER, STATISTICAL (8214)—delete, use WEATHER OFFICER, SPECIALIST (8211).

Page 96, WEATHER OFFICER, TROPICAL FORECASTING (8216)—delete, use WEATHER OFFICER, SPECIALIST (8211).

Page 96, WEATHER OFFICER—PILOT (8218)—specification revised. (See page 96.1.)

Page 96, WEATHER OFFICER (8219)—specification revised. (See page 96.1.)

Page 98, PROVOST MARSHAL, FIELD (9101)—paragraph 1, line 1, change "Commands" to read "Directs activities of."

Page 99, INTELLIGENCE STAFF OFFICER

(9301) (G-2, A-2, S-2\*)—change title to read "INTELLIGENCE STAFF OFFICER, COMBAT (G-2, A-2, S-2\*) (9301)."

Page 99, COUNTERINTELLIGENCE OFFICER (9302)—specification revised. (See page 98.2.)

2. Insert following new pages, containing new or revised specifications:

16.1	28.2	48.1	70.2	88.1	98.2
18.1	30.1	48.2	80.2	88.2	100.1
22.1	32.1	50.1	84.1	94.1	100.2
22.2	34.2	60.1	84.2	94.2	
28.1	44.1	70.1	86.2	96.1	

#### SECTION IV. CODING ORGANIZATIONAL LEVEL.

1. Change the following paragraphs to read as indicated:

a. Page 103, paragraph 1, line 21—after "referred to is that of" insert "commanding officer of a regiment or equivalent; digit 4, that the position is that of."

b. Page 103, paragraph 2, line 20—before "Command (AAF)" insert "type."

2. Insert pages 104.1 through 104.3 containing additional information on and examples of the use of the fifth digit.

#### SECTION V. ALPHABETIC INDEX OF MILITARY OCCUPATIONAL SPECIALTIES.

1. Delete the following titles and codes—(It is suggested that changes in this section be made by lining out deleted title and code, and writing in suggested substitute code or codes, for example ~~Advanced Single Engine Flying Instructor 2545~~ Use 1054.)

DELETED TITLES	DELETED CODES	SUGGESTED SUBSTITUTE CODE OR CODES
Advanced Single-Engine Flying Instructor	2545*	1054
Advanced Twin-Engine Flying Instructor	2561*	1051
Aerial Gunnery Training Director	2534*	2554*
AERIAL INSTRUCTOR, BOMBARDIERING	2550*	1035
Aerial Observation Training Director	2535*	1029
AIR TRAFFIC PRIORITY OFFICER		0918*
AIRWAYS COMMUNICATIONS UNIT COMMANDER		1074
ARMY TRANSPORT SERVICE SUPERINTENDENT		0815*
B-26 Flying Instructor, Specialized	2563*	1082
Bombardier Ground Training Director	2532*	1035
BOMBARDIER INSTRUCTOR	2552*	1035
Bombardier Instructor, Aerial	2550*	1035
Bombardier Training Director	2531*	1035
Bombardier Training Pilot	2557*	1
BOMBER PILOT, FOUR-ENGINE		1
BOMBING RECORDS OFFICER	2403*	2120, 2520*
CLUB OFFICER	5621*	2120, 4110, 5661

\* Specification appears in TM 12-406.

<sup>1</sup> See appropriate pilot code.

DELETED TITLES	DELETED CODES	SUGGESTED SUBSTITUTE CODE OR CODES
<b>COMMUNICATIONS SURVEY</b>		
OFFICER.....	2680*	2120
Control Officer, Correspondence.....	2630*	2120
<b>CORRESPONDENCE CON-</b>		
TROL OFFICER.....	2630*	2120
<b>DIRECTOR OF AERIAL</b>		
GUNNERY TRAINING.....	2534*	2554*
DIRECTOR OF AERIAL NAVIGATION TRAINING..	2533*	1034
DIRECTOR OF AERIAL OB SERVATION TRAINING.....	2535*	1029
DIRECTOR OF BOMBARDIER GROUND TRAINING.....	2532*	1035
DIRECTOR OF BOMBARDIER TRAINING.....	2531*	1035
DIRECTOR OF FLYING.....	2530*	1
DIRECTOR OF GLIDER TRAINING.....	2536*	1026
Director of Ground School.....	2532*	1035
Director of Gunnery Training.....	2534*	2554*
Director of Navigation Training.....	2533*	1034
Director of Observation Training.....	2535*	1029
<b>FERRYING OPERATIONS</b>		
OFFICER.....	0902	2161
Ferrying Squadron Commander.....	0902	2161
<b>FINGERPRINT OFFICER</b>		
.....	9218*	9231*
Flying Director.....	2530*	1
<b>FLYING INSTRUCTOR, AD-</b>		
VANCED SINGLE-ENGINE.....	2545*	1054
FLYING INSTRUCTOR, AD-		
VANCED TWIN-ENGINE.....	2561*	1051
FLYING INSTRUCTOR,		
FOUR-ENGINE.....	2546*	1024
FLYING INSTRUCTOR,		
GLIDER.....	2549*	1026
FLYING INSTRUCTOR,		
SPECIALIZED B-26.....	2563*	1062
Forecaster, Tropical Weather.....	8216	8211
Four-Engine Bomber Pilot.....	1	
Four-Engine Flying Instructor.....	2546*	1024
Glider Flying Instructor.....	2549*	1026
<b>GLIDER OPERATIONS</b>		
OFFICER.....	2539	1026, 2161
Glider Training Director.....	2536*	1026
Gunnery Training Director, Aerial	2534*	2554*
IDENTIFICATION OFFICER .....	9230*	9231*
Identification Officer, Military.....	2642*	2120, 9311*
<b>INDUSTRIAL RELATIONS</b>		
OFFICER.....	2329*	5401*
Information Officer, Special Services.....	5002*	5004
Inspector, Training.....	2521*	2166*
Installation Protection Officer.....	9212*	9210*
Instructor, Bombardier.....	2552*	1035
Instructor, Bombardierizing, Aerial	2550*	1035
Instructor, Flying, Advanced Single-Engine.....	2545*	1054
Instructor, Flying, Advanced Twin-Engine.....	2561*	1051
Instructor, Flying, Four-Engine .....	2546*	1024
Instructor, Flying, Specialized B-26.....	2563*	1062
Instructor, Glider Flying.....	2549*	1026
Instructor, Navigation.....	2553*	1034
<b>INSTRUCTOR, PUBLIC SPEAKING</b>		
.....	2712*	
<b>INSTRUMENT-FLYING-TRAINER OFFICER</b>		
.....	2547*	1
Judge Advocate, Trial.....	8105	0009
MILITARY IDENTIFICATION OFFICER .....	2642*	2120, 9311*

\* Specification appears in TM 12-406.

<sup>1</sup> See appropriate pilot code.

DELETED TITLES	DELETED CODES	SUGGESTED SUBSTITUTE CODE OR CODES
<b>NAVIGATION INSTRUCTOR .</b>		
Navigation Training Director,	2553*	1034
Aerial.....	2553*	1034
Navigator Training Pilot.....	2559*	1
<b>NURSE, AIR EVACUATION</b>		
Observation Training Director,		
Aerial.....	2555*	1029
<b>OPERATIONS AND OXYGEN</b>		
OFFICER.....	1041	2158
Operations Officer, Ferrying .....	0902	2161
Operations Officer, Glider.....	2539	1026, 2161
<b>PILOT, BOMBARDIER</b>		
TRAINING.....	2557*	1
Pilot, Four-Engine Bomber.....	.....	1
<b>PILOT, NAVIGATOR</b>		
TRAINING.....	2559*	1
<b>PILOT, SINGLE-ENGINE</b>		
RADIO CONTROLLED		
TARGET.....	.....	1050
<b>PILOT, TWO-ENGINE RADIO CONTROLLED TARGET</b>		
.....	.....	1051
<b>PLANT PROTECTION</b>		
OFFICER.....	.....	9210*
Protection Officer, Utilities .....	9212*	9210*
Radio Controlled Target, Two-Engine, Pilot.....	.....	1051
<b>RATIONING OFFICER</b>		
.....	2156*	2120
<b>RECEPTION OFFICER</b>		
.....	2323*	2120, 5401*
<b>RECORDS OFFICER</b>		
.....	2407	2120
Records Officer, Bombing.....	2403*	2120, 2520*
<b>SCHOOL SECRETARY</b>		
.....	2116*	2120
Secretary, School.....	2116*	2120
Single-Engine Flying Instructor,		
Advanced.....	2545*	1054
<b>SPECIAL SERVICES INFORMATION OFFICER</b>		
.....	5002*	5004
Specialized B-26 Flying Instructor	2563*	1062
Trainer Officer, Instrument Flying	2547*	1
Training Director, Aerial Gunnery	2534*	2554*
Training Director, Aerial Navigation.....	2533*	1034
Training Director, Aerial Observation.....	2535*	1029
Training Director, Bombardier.....	2531*	1035
Training Director, Glider.....	2536*	1026
<b>TRAINING INSPECTOR</b>		
.....	2521*	2166*
Training Pilot, Bombardier.....	2557*	1
Training Pilot, Navigation.....	2559*	1
<b>TRIAL JUDGE ADVOCATE</b>		
.....	8105	0009
Tropical Weather Forecaster.....	8216	8211
Twin-Engine Flying Instructor,		
Advanced.....	2561*	1051
Two-Engine Pilot, Radio Controlled Target.....	.....	1051
<b>UTILITIES PROTECTION</b>		
OFFICER.....	9212*	9210*
Weather Forecaster, Tropical.....	8216	8211
<b>WEATHER OFFICER, CLIMATOLOGY</b>		
.....	8212	8211
<b>WEATHER OFFICER, FORECASTING</b>		
.....	.....	8211
<b>WEATHER OFFICER, OCEANOGRAPHY</b>		
.....	8213	8211
<b>WEATHER OFFICER, STATISTICAL</b>		
.....	8214	8211
<b>WEATHER OFFICER, TROPICAL FORECASTING</b>		
.....	8216	8211

2. Change the following titles and/or codes indicated below. For codes and titles of specifications formerly appearing only in TM 12-406 and now appearing in this manual, delete asterisks after codes in right hand column and add page numbers.

TITLE	CODE	PAGE
A-2, Intelligence Staff Officer, Combat...	9301	99
Aerial Navigation Training Director (see 1034).		
ATHLETIC DIRECTOR <i>to</i> ATHLETIC AND RECREATION OFFICER .....	5661	88.2
BARRAGE BALLOON GAS SERVICE OFFICER.....	7313	91
CLIMATOLOGIST (see 8211).		
Combat Intelligence Staff Officer (G-2, A-2, S-2).....	9301	99
Communications Unit Commander, Army Airways.....	1074	31
G-2, Intelligence Staff Officer, Combat...	9301	99
INTELLIGENCE STAFF OFFICER, COMBAT (G-2, A-2, S-2).....	9301	99
Link Trainer Officer (see appropriate pilot code).		
Oceanographer, Weather (see 8211).		
Oxygen and Operations Officer (see 2158).		
PHYSICAL TRAINING DIRECTOR <i>to</i> PHYSICAL TRAINING OFFICER.....	5521*	
RENEGOTIATION OFFICER <i>to</i> RENE GOTIATION AND CONTRACT TERMINATION OFFICER.....	4309*	
S-2, Intelligence Staff Officer, Combat...	9301	99
SECURITY OFFICER, CRYPTANALYTIC <i>to</i> SECURITY OFFICER, CRYPTOGRAPHIC.....	9610*	
Service Club Officer (see 2120, 4110, 5661).		
Staff Officer, Intelligence, Combat (G-2, A-2, S-2).....	9301	99
Statistician, Weather (see 8211).		

\* Specification appears in TM 12-406.

3. Insert pages 120.1 through 120.2 SUPPLEMENTAL ALPHABETICAL INDEX OF MILITARY OCCUPATIONAL SPECIALTIES.

APPENDIX. TABLE OF CODES CONVERTED FROM AR 605-95 (TENTATIVE) is changed as follows:

1. Page 121, 122.

CHANGE	0901	0902	TO READ	0901	2161
	2542	2545		2542	1054
	2551	2553		2551	1034
	2555	2577		2555	2741
	2562	2561		2562	1051
	2621	2525		2621	0240
	3122	3100, 3500		3122	3100, 3500
		3504, 3505			3503, 3504
	3165	2320, 7050		3165	7050
	4518	2912		4518	7415
	5102	5002		5102	5004
	5543	2570		5543	2712
	5560	2116		5560	2120
	7350	7414, 7421		7350	7421
	8250	7918		8250	7916

2. Insert in proper numerical order:

1020	0915, 0916, 0917
1411	1413

3. Delete

4800	4803, 4805, 4806
	4807, 4808

[A. G. 300.7 (1 May 44).]

BY ORDER OF THE SECRETARY OF WAR:

OFFICIAL: G. C. MARSHALL,  
J. A. ULIO, Chief of Staff.  
Major General,  
The Adjutant General.

DISTRIBUTION:

"X."

For explanation of symbols, see FM 21-6.



**RELIEVED FROM DUTY, SICK 0003  
IN HOSPITAL AS PATIENT**

"This special code is to be used for machine records purposes only to report the duty status of an officer, assigned or attached unassigned to a unit, who has been relieved from duty while sick in hospital as a patient."

**RELIEVED FROM DUTY, SICK, 0004  
ABSENT FROM POST**

"This special code is to be used for machine records purposes only to report the duty status of an officer, assigned or attached unassigned to a unit, who has been relieved from duty while sick, absent from post."

**RELIEVED FROM DUTY, ON DETACHED  
SERVICE 0005**

"This special code is to be used for machine

records purposes only to report the duty status of an officer, assigned or attached unassigned to a unit, who has been relieved from duty while performing detached service with another organization."

**SPECIAL ASSIGNMENT 0009**

This special code will be used only after clearing each specific case by letter with The Adjutant General, Classification and Replacement Branch, to—

a. report present duty of an officer performing as a primary duty, for a period of thirty (30) days or more, a function not classified elsewhere in this manual.

b. report military occupational specialty of an officer qualified in a highly skilled and exceedingly uncommon specialty not classified elsewhere in this manual.



**RADIO OFFICER— 0533  
SPECIAL (AH-3)**

Supervises the installation, operation, and maintenance of special radio equipment used in conjunction with radio communication; prepares requisitions for supplies and personnel; inspects equipment and supervises repairs or modifications; directs preparation of records and reports; advises commanding officer on all matters pertaining to special radio countermeasures equipment.

Military experience essential, should include completion of Signal Corps School Radio Course. Must have completed Signal Corps course dealing with special radio equipment. G-2 clearance essential.

Civilian experience as commercial or amateur radio engineer highly desirable.

Should be high school graduate with additional training in electrical engineering or radio communications.

**SOURCE JOBS**

Radio Operator	Radio Engineer
Radio Technician	Licensed Radio Amateur
Radio Repairman	

**RADIO OFFICER— 0534  
SPECIAL (AH-4), STAFF**

Advises commander and staff on all matters pertaining to special radio and radar activities and prepares plans for and supervises such activities. Collects and analyzes information, in conjunction with other interested groups, for use in preparation of plans; conducts necessary liaison for effective execution of operations; determines special tactical equipment requirements, coordinates procurement, and supervises installation; directs the maintenance of technical and operational records and the preparation of reports.

Broad military experience with signal or aircraft warning units essential. Should include completion of Signal Officer's advanced course or other pertinent courses at Signal Corps School and in addition should have completed Signal Corps School Radio Course or Aircraft Warning courses. Must have completed special Signal Corps course dealing with such activities. G-2 clearance essential.

Civilian supervisory or technical experience in radio engineering or communications very desirable.

College or special training in radio essential.

**SOURCE JOBS**

Radio Technician	Radio Laboratory Technician
Radio Engineer	Radio Research Engineer

**RADIO-CONTROLLED TARGET 0590  
AIRPLANE OFFICER**

Operates a radio-controlled target airplane from the ground while target is in flight without safety pilot therein. Operates airplane target during tracking and target practice by use of radio remote control; supervises repair and maintenance of airplane target and related equipment, such as airplane motor, radio receiver and transmitter, servo unit, parachute and catapult; supervises operational crew and trains additional crews; supervises recovery of airplane target after flight; prepares requisitions for parts replacements and supplies and renders reports on operations and deficiencies of equipment.

Basic technical knowledge of radio, combustion engines, and elementary aerodynamics very desirable.

Military experience in antiaircraft artillery gunnery very desirable.

**WAGON OFFICER**

0634

Commands a wagon unit and is responsible for hauling cargo and for administration, transportation, training, supply and unit security. Instructs and supervises personnel in maintenance and repair of vehicles, harness, and equipment, training of animals, and in methods of stowing cargo in wagons; prepares schedules and supervises assignment of duties and dispatching of wagon vehicles to insure timely and safe delivery of cargo; inspects wagon, harness, tools, and other equipment as to fitness for field service; supervises keeping of appropriate records and reports.

Must be able to direct and supervise road repairs. Must have thorough knowledge of efficient methods of packing and stowing cargoes for wagon transportation, stable management, principles of horse-shoeing, and care and management of horses and mules, including ability to care for sick and injured animals.

Military experience in transport and supply functions with remount training very desirable.

Civilian experience in animal transport desirable.

**SOURCE JOBS**

Wagon Master

Packmaster

Wagon-Train Master

Stable Superintendent

**PILOT, FOUR-ENGINE**

1024

Pilots four-engine aircraft and commands crew. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attacks, and low altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition training in four-engine aircraft.

**GLIDER PILOT**

1026

Operates a cargo-carrying or troop-carrying glider in towed and free flight on both day and night missions. Supervises loading of glider to insure proper balance; navigates by piloting or dead reckoning; after release from towing aircraft, pilots glider to designated landing area; supervises maintenance of glider. May fly by instrument. May fly in multiple tow.

Must be proficient in precision landings over obstacles and stopping within minimum distances. Must be proficient in map reading. Must be able to receive and send a minimum of six words per minute CW (Radio) and four words per minute with blinker signal light (visual code). Must be qualified in use of arms of the Airborne Command, in camouflage employment, and in defense against chemical attack. Must meet prescribed physical standards.

Must have completed glider training course at an Army Air Forces Training Center.

**AIRCRAFT OBSERVER**

(FLIGHT ENGINEER)

1028

Operates the engine control panel on large multi-engine airplanes. Controls the weight and balance of such airplane during flight; computes cruising range and data relative to fuel consumption, engine, performance and load; at the pilot's direction, adjusts throttles, mixture, supercharger, and propeller pitch controls to obtain varying conditions of engine speed, manifold pressure and fuel consumption; performs such items of maintenance and adjustment as are possible during flight such as correcting malfunctions on engines, landing gear, etc.; directs the loading of the airplane; keeps the flight logs and maintains other necessary records during flight; determines from inspection reports whether prescribed inspection and maintenance have been performed by the ground crew, reporting any deficiencies to the airplane commander.

Must be capable of supervising the inspection and maintenance of the airplane between flights and under field conditions, keeping the records and reports necessary thereto.

Must be a rated Aircraft Observer (Flight Engineer).

**BOMBARDIER (LAB)**

1030

Operates and performs first echelon maintenance on radio equipment RC-217 and similar devices.

Must be qualified bombardier and have completed the prescribed course at an Army Air Forces Technical School for a Bombardier (LAB) or equivalent training for assignment to this duty.



**PILOT, B-25**

1081

Pilots B-25 aircraft and commands crew in accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attack, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition training in B-25 aircraft.

**PILOT, B-26**

1082

Pilots B-26 aircraft and commands crew in the accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attack, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition training in B-26 aircraft.

**PILOT, B-17**

1091

Pilots B-17 aircraft and commands crew in the accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attack, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition training in B-17 aircraft.

**PILOT, B-24**

1092

Pilots B-24 aircraft and commands crew in the accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attack, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition training in B-24 aircraft.

**PILOT, VERY HEAVY BOMBER** 1093

Pilots very heavy bombardment aircraft and commands crew in accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attacks, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards.

Must be a rated pilot and have completed transition training in very heavy bombardment aircraft.



**HARBOR ENTRANCE CONTROL 1161  
POST OFFICER**

Directs surveillance of harbor, harbor entrance, and harbor approaches. Supervises observers, plotters, signal men, telephone and teletype operators and other assigned personnel; maintains liaison with the Navy unit stationed at the control post;

gives firing commands to alerted battery in emergency.

Must have thorough knowledge of joint Army-Navy procedures and responsibilities in harbor defense operations. Must be well qualified in coast artillery communication systems.

Military experience, including thorough knowledge of coast artillery tactical and technical operations essential.



**ENGINEER BOAT AND SHORE 1367  
UNIT COMMANDER**

Commands amphibian engineer boat and shore unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; directs unit in transportation, landing and evacuation of troops and supplies on coastal areas, beaches, and islands; directs landing force of amphibian engineers in the assault of hostile forces defending shore positions to prepare landing area for ground force combat team; directs the

construction and maintenance of improvised wharves and temporary landings; directs establishment of obstructions designed to protect landing operations against mechanized raids; directs repair, construction, and maintenance of traffic routes from shore edge to combat area.

Must have thorough knowledge of infantry combat technique and combat engineering principles and be able to control the mass operation of small craft.

Military experience including graduation from engineer officer's school and completion of navigational and amphibious operational courses essential.



**AIR OBSERVATION PILOT 1981**

Pilots a single-engine aircraft assigned to a particular ground force unit, and is responsible to the unit commander for performing missions involving aerial observation. Flies on reconnaissance missions to locate enemy units and installations or to spot camouflage areas and activities; in advances, against and by enemy, locates and directs fields of fire, locates routes of approach, and observes and estimates strength, type of enemy units, and deployment of enemy to rear; reports findings and receives orders while in flight by radio, dropping and scooping up hand-written messages, and through use of visual signals such as flares. May, as special staff member, advise corps, division, or group artillery commander on all matters pertaining to organic air observation; insure compliance with regulations and directives concerning air

traffic, operation, maintenance and repair of aircraft, and maintenance of prescribed forms and records; coordinate and supervise plans for training air observation personnel; coordinate activities with staff supply officer to insure rapid procurement and distribution of aircraft supplies and equipment to subordinate units; make recommendations with respect to flying safety; conduct authorized inspections.

Must have good knowledge of military tactics and formations. Must hold a currently valid liaison pilot rating, be physically qualified for flying duty, and participate regularly and frequently in aerial flights.

Military experience and graduation from appropriate combat officer school essential.

Must hold civilian pilot license or be qualified by Army training to fly a single-engine airplane.

**ADMINISTRATIVE OFFICER 2120**

Directs or supervises operations to provide administrative services for operating, technical, or tactical units. Interprets regulations, determines office policy and procedures, and puts into operation methods for efficient functioning of the office; lays out and coordinates work schedules and arranges for security of classified materials; supervises personnel in performance of such duties as preparation and maintenance of supply, personnel, statistical and fiscal records, budgets and special reports pertaining to personnel and administrative matters, minutes and records of boards or committees, and allocation of office space and quarters; receives, interviews, and assists visitors; maintains liaison with staff and operating units. May make administrative investigations or inspections to determine compliance with office policy and regulations, and advise on office procedures and organiza-

tion. May advise on budget and fiscal matters. May supervise or perform administrative duties in connection with such activities as billeting, rationing, publications distribution, and the production, procurement and distribution of matériel. May supervise administrative details connected with movement of troops or individuals and issuance of identification devices.

Must be familiar with War Department and Army administrative and correspondence classification procedures. Must have ability to organize and direct administrative functions and be familiar with operations of organization to which assigned.

Military experience in Army administration essential.

Civilian administrative or executive experience in industrial or government agency very desirable.

College education with specialization in public or business administration desirable.

**OPERATIONS OFFICER, AIR FORCES (NON-RATED)** 2158

Directs or supervises training and tactical operations of an Army Air Forces organization. Prepares plans for movement of organization for training or combat purposes; prepares, coordinates, and insures compliance with training directives and combat orders; maintains liaison with higher, lower, and adjacent units to keep the commander informed on lines of action, changes in the situation, orders, and directives; supervises briefing of air crews prior to missions; assigns crews to combat missions; regularly checks combat preparedness of each element of the organizations; collects data in connection with aircraft operations such as availability and condition of landing fields, navigation aids, maps and charts, and radio facility charts; supervises preparation of reports concerning training progress; issues safety rules and flying regulations applicable to the situation.

Must have thorough understanding of tactical employment of type of military aviation to which assigned, and be familiar with tactics of all branches of military aviation, ground arms, and naval forces. Must know capabilities and limitations of aircraft and be able to solve air navigation problems.

Executive experience in commercial airline operations very desirable.

Technical training in physics and mathematics desirable.

**FLIGHT CONTROL OFFICER** 2159

Directs or supervises the movement of military aircraft to provide the maximum safety consistent with the requirements of the mission being performed. Maintains necessary data concerning records of military flights, weather, traffic, landing and navigation facilities, and terrain within assigned area. May command or supervise other flight control personnel or perform administrative duties for a flight control installation.

Must have a knowledge of fundamental meteorology, aerial navigation, flight control principles and practices, current AAF and CAA regulations governing the flight of aircraft, performance data of modern military aircraft, communications systems in use both ground and air-ground, landing facilities both AAF and commercial within assigned area, and intimate knowledge of terrain within that area.

Military experience either graduate of an AAF flying school with practical experience as Commanding Officer of a squadron or higher echelon, squadron, group, or Base Operations Officer, or a graduate of a basic course of instruction in flight control essential.

Civilian experience with air traffic control of the Civil Aeronautics Administration or as airline dispatcher, airline pilot or qualified weather forecaster desirable.



**MEDICAL OFFICER, TROPICAL 3138  
MEDICINE**

Diagnoses and treats patients with any of the general or special diseases in the field of internal medicine, with particular reference to tropical diseases. Prescribes therapy and, when necessary, consults with other services of the hospital in re-

gard to diagnosis of patients with tropical diseases.

Should have completed the Army course in Tropical Medicine or have had similar training in civil life.

Must be graduate of a medical school approved by the Surgeon General and have completed one year's internship.

**MESS OFFICER****4110**

Directs or supervises the procurement of food, preparation and planning of menus, and operation of messing facilities within the command. Plans menus within ration allowances and supervises the preparation and serving of food in accordance with established dietetic and sanitary principles; trains personnel in proper care, storage, conservation, preparation, and serving of food and promotes efficient mess management; conducts inspection of mess or messes to insure compliance with existing regulations or instructions regarding distribution, preparation, consumption, and conservation of food; supervises maintenance and care of messing equipment; maintains adequate supplies and supervises the keeping of accounts and the preparation of reports. May act as member of menu board and assist in the preparation of menus for nutritional adequacy, dietary balance, and procurement practicability and make recommendations for change in quantities and for improvement in master menu. May review and approve requisitions for messing equipment in the command. May coordinate all

food service activities within the command and be responsible for supervision and inspection of messes, baker's and cook's schools, and bakeries.

Must be thoroughly familiar with quality standards and storage and distribution of subsistence items including perishables. Must have sufficient knowledge of dietetics to plan and prepare menus for nutritional adequacy and dietary balance. Should be able to supervise the preparation of palatable meals in make-shift as well as fixed kitchens.

Military experience in Army mess operation or mess supervision essential. Should be a graduate of Baker's and Cook's School.

Civilian experience of a responsible nature in management of large eating establishments very desirable.

**SOURCE JOBS**

Hotel or Club Steward	Restaurant or Cafeteria
Executive Chef	Manager
Ship Steward	Dietitian

**ORDNANCE MAINTENANCE 4800  
OFFICER, STAFF**

Prepares plans and policies for maintenance support as required by tactical or training needs of unit. Directs and coordinates the activities of assigned maintenance troops and maintains liaison with supporting units in regard to maintenance policies and problems; supervises and conducts inspections of matériel in subordinate units; collects and evaluates information and prepares statistical reports on the status of maintenance, making recommendations for corrective action; prepares requests on higher headquarters or prepares orders to unit maintenance troops to implement maintenance plans; provides for instruction of units on ordnance operations, modifications and maintenance standards; collects and files maintenance information, publications, reports, and directives.

Must have a thorough knowledge of ordnance field maintenance operations and training. Should be familiar with ordnance supply.

Military experience in an ordnance maintenance company or battalion essential.

Broad civilian supervisory experience in maintenance and repair of mechanical or automotive equipment essential.

Should be a college graduate with specialization in mechanical engineering or have equivalent practical experience.

**SOURCE JOBS**

**Mechanical Engineer      Master Mechanic**

**Automotive Engineer      Service Manager, Auto-  
motive Equipment**



**ORDNANCE RECLAMATION 4814  
OFFICER**

Directs or supervises the inspection, classification, and reclamation of ordnance matériel, assemblies, and component parts. Supervises the inspection of matériel to determine which items are reclaimable and to establish most practicable methods of reclamation; develops procedures and determines materials and tools required for reclamation operations; supervises and instructs personnel in technical operations and maintains liaison with other agencies concerned with reclamation and conservation of critical materials. May reclaim foreign matériel. May act as technical adviser on all matters regarding reclamation and conservation of ordnance matériel in the command.

Must have a thorough knowledge of repair of ordnance matériel with special emphasis on automotive equipment. Should have a knowledge of design and construction of parts and equipment. Must be familiar with physical and chemical properties of metals and other materials. Must be thoroughly familiar with the employment of metalizing and welding equipment, machine tools, bench tools, and precision gauges.

Military experience including experience in base shop or heavy maintenance operations desirable.

Broad civilian experience in the design, manufacture, or repair of heavy mechanical or automotive equipment essential.

College training in mechanical engineering or equivalent practical experience desirable.

**SOURCE JOBS**

Automotive Engineer	Automotive Maintenance
Mechanical Engineer	Superintendent
Salvage and Reclamation	Master Mechanic
Engineer	Machine Shop
	Superintendent

**FLIGHT TEST ENGINEERING 4821  
OFFICER**

Performs all necessary test flights to check safety of operation of all parts of a particular type aircraft after repairs have been made. Makes physical inspection to locate any mechanical defects; prior to flight tests checks operation equipment (such as electrical systems, hydraulic systems, instruments, propellers, engine controls, etc.) for malfunctioning; while in flight, tests operation of landing gear, flaps, control switches, etc.; performs necessary maneuvers to test aircraft for any unusual flying characteristics; makes notations of any irregularities found that should be corrected in order to make aircraft safe for flying.

Must be a rated Pilot or Service Pilot and transitioned in particular type aircraft to be tested. Should be thoroughly familiar with its mechanical and flying characteristics. Must be qualified to perform duties of Aircraft Engineering Officer (4823).

**AERIAL MINE ENGINEER 4826**

Supervises inspection, maintenance, and preparation for planting of aerial mines. Directs tactical and technical training of units; directs return of malfunctioning mines to depots; supervises maintenance of records, preparation of reports; trains and instructs personnel in maintenance and in preparation for planting of aerial mines.

Must have thorough knowledge of operation and components, of aerial mines. Must have knowledge of extenders, clock starters parachutes, and coluble washers that can be used with each aerial mine. Must be familiar with safety regulations governing handling and storage of high explosives and the special storage conditions necessary to insure satisfactory performance and life of mines. Must know the operational characteristics of each aerial

mine and mine firing mechanisms. Must know the tactics and flying methods used in planting mine fields.

Military experience in ammunition handling, storage and in maintenance of ordnance matériel essential. Must be graduate of Naval Mine or Aerial Mine School.

Civilian experience in manufacture or maintenance and repair of mechanical equipment desirable.

College degree in mechanical, chemical, or industrial engineering or equivalent practical experience desirable.

**SOURCE JOBS**

Mechanical Engineer	Industrial Engineer
Chemical Engineer	Master Mechanic

**MEDICAL EQUIPMENT MAINTENANCE OFFICER** 4890

Supervises the installation, inspection, maintenance, and repair of medical equipment. Supervises or conducts the inspection of such equipment as X-Ray machines, fluoroscopes, operating room equipment, sterilizers, gas anesthesia equipment, resuscitators, oxygen therapy equipment, and other miscellaneous equipment of the medical department to determine extent and nature of repair work required; lays out work and allocates various work assignments and supervises and instructs personnel in repair operations; advises on non-professional technical matters to achieve more effective utilization of equipment; supervises preparation of reports and is responsible for maintaining adequate supply of replacement parts and materials. May perform liaison with manufacturers of technical equipment, contractors, and District, Area, and Post Engineers to accomplish the most effective installation of medical technical equipment. May make recommendations as to redistribution of technical items and accessory medical equipment returned from posts, camps, and stations.

Must be thoroughly familiar with construction and operation of various types of medical equipment. Should be familiar with the employment of such tools and equipment as machine tools, welding equipment, electrical testing apparatus, and carpenter's, painter's, pipefitter's, and tinsmith's hand and bench tools.

Must be graduate of basic course, Medical Field Service School, or graduate of Medical Administrative Corps, Officer Candidate School, and in addition be a graduate of Phase I, Quartermaster Supply Course, Phase II, supply course peculiar to Medical Department, and Medical Department equipment maintenance course.

Civilian experience in the manufacture or sales and service of medical and surgical equipment very desirable.

College training in mechanical or electrical engineering or equivalent practical experience desirable.

**SOURCE JOBS**

Mechanical Engineer

Electrical Engineer

Sales Engineer, Medical and Surgical Equipment

Master Mechanic

Machine Shop Superintendent

**MODEL MAKER**

4925

Constructs models of military equipment, terrain or other desired objects for use in instruction, production of motion or still pictures, or for other military purposes. Constructs models to scale using clays, plasters, plastics, fabrics, wood, metals, and other materials; finishes models in color and simulated textures to achieve various optical effects. May supervise and instruct personnel in model making. May command an Engineer Model making team.

Must have unusual manual dexterity and be able to use such tools as wood carving sets, modeling sets, wood working machine tools, silversmithing tools, and air brushes. Must be able to interpret blueprints and work from rough drafts, sketches, and photographs.

Civilian experience in layout, design, or manufacture of pilot models and patterns desirable. Experience in the planning and construction of museum models and commercial exhibits very desirable.

Industrial art or manual art school training very desirable.

**SOURCE JOBS**

Model Maker

Pattern Maker

Student, Manual Arts

Cabinet Maker



**GAS GENERATING UNIT      4944  
COMMANDER**

Supervises the operations of a gas generating unit engaged in the production and storage of oxygen and nitrogen or acetylene gas. Supervises and instructs personnel in the installation and operation of such gas generating equipment as gas compressors, high pressure cylinders, motors, pumps, and pressure gauges; supervises minor maintenance and repair of operating equipment; establishes and enforces safety precautions.

Must have thorough working knowledge of type of gas generating plant to be operated. Should have knowledge of calcium carbide generating process. Should be able to make ordinary operating repairs including silver-brazing, soft soldering of copper, and tinning and riveting of high pressure pipes. Must be familiar with all precautions and hazards involved in manufacture of gases.

Must be a graduate of Engineer Gas Generating School or equivalent course of instruction.

Civilian experience in processing, manufacturing, and bottling oxygen and nitrogen or acetylene gases desirable.

**SOURCE JOBS**

Gas Generating Plant Foreman  
Refrigeration Mechanic

**ORIENTATION OFFICER      5004**

Coordinates and supervises orientation education and information activities. Recommends means and methods of dissemination and distribution of orientation and information material, and makes available facilities for presentation of films, exhibits, lectures, group instruction, radio broadcasts, and transcriptions; supervises and cooperates in publication of camp newspapers; conducts Army Orientation Courses; maintains library of current information material; determines and provides for the educational needs of military personnel by planning, organizing, and administering

off-duty educational programs of group instruction and individual study, and planning and directing formation of hobby groups. May prepare and select information relative to background, causes, and current phases of the war, and to current events. May develop policies in connection with the operation of courses and analyze educational procedures and methods to improve their effectiveness. May arrange for proper distribution of guides to foreign countries. May supervise operation of radio, public address, and carrier installations utilizing War Department radio transcriptions, Army News Service, and special programs.

Should be well acquainted with the facts concerning the causes, issues, and course of the war. Must be able to evaluate quality of material proposed for orientation and information programs and suitability of distribution media such as radio, publications, or motion pictures. Should possess the ability to present views clearly and convincingly.

Military experience as a company commander desirable.

Civilian experience involving promotion of public opinion through various media including news services, motion pictures, and radio, or executive or administrative experience in education, journalism, or law very desirable.

Should be college graduate with specialization in social sciences, education, psychology, journalism, law, or business administration.

**SOURCE JOBS**

News Commentator  
Lecturer  
Journalist  
Public Relations Man  
Advertising Executive  
Attorney  
High School or College Instructor  
Political Scientist  
Diplomatic and Consular Service  
Employees

**ATHLETIC AND RECREATION 5661  
OFFICER**

Plans, organizes, and coordinates athletic, recreation, and welfare activities. Procures and obtains material and makes available facilities for such activities as baseball, football, and basketball games, boxing and wrestling events, production of soldier shows, vocal and instrumental off-duty activities and off-duty participation in hobbies and handicrafts; publicizes athletic and recreational activities; sets up schedules for use of equipment and playing fields; interprets playing rules; develops and directs unit physical fitness programs. May supervise operation of service clubs, guest and field houses, recreational buildings, libraries, rest camps, and recreation areas. May supervise operation of Army Motion Picture Service theatres, and assure distribution and scheduling of motion pictures. May coordinate arrangements for professional and amateur shows and radio broadcasts. May recommend types and amount of athletic equipment to be provided. May prepare material for use in sports manuals and guides. May serve as a consultant in welfare matters with various civilian welfare agencies.

Knowledge of specifications, care, and source of athletic, recreational, entertainment, and musical equipment essential. Should have initiative, organizational ability, and a thorough understanding of and sympathy with the welfare problems of enlisted personnel.

Military experience as a company commander desirable.

Must have considerable experience in coaching one or more major sports and in planning and directing athletic, physical fitness, entertainment, and musical programs.

College training in physical education, and arts and crafts very desirable.

**SOURCE JOBS**

Athletics Director  
Physical Education Instructor  
Gymnasium Instructor  
Club Director  
Arts and Crafts Instructor  
Theatrical Producer  
Dramatics Instructor  
Recreation Leader

**PIPE LINE ENGINEER**

7932

Directs or supervises the laying, construction, maintenance, and operation of a military pipe line system. Plans and lays out work for construction and operation personnel; directs and coordinates activities of personnel engaged in operation of earth-moving equipment, assembly and erection of storage tanks, installation and operation of pumping equipment, stringing, coupling, and laying of pipe lines, and other pipe line distribution activities; makes periodic inspections to determine adequacy of camouflage and compliance with established policies on prevention of and protection against fire and asphyxiation hazards; supervises the testing of completed pipe line system; controls and operates pipe line distribution of products and establishes and maintains pipe line patrol crews to protect systems against operational breakdowns; directs the maintenance of unit records and preparation of technical and administrative reports. May command an Engineer Petroleum Distribution Detachment or company and be responsible for its administration, technical and tactical training, transportation, supply, and security.

Must be thoroughly familiar with methods of constructing pipe lines. Should be familiar with special protective measures for certain soil conditions. Should be familiar with the employment of ditching and earth-moving equipment, centrifugal and reciprocation pumps, and welding and machine shop equipment.

Broad civilian experience in the construction, maintenance, and repair or operation of pipe line distribution systems essential.

College training in civil engineering desirable.

**SOURCE JOBS**

Construction Engineer  
Civil Engineer

**Highway Engineer**

Pipe Line Construction Super-

intendent or Foreman

Oil Field Superintendent or

Foreman

**AIRPORT ENGINEER**

7970

Directs or supervises design and construction of temporary and permanent landing fields and facilities at Army Air Forces stations, air bases, and air fields both domestic and overseas. Prepares specifications for and supervises construction of runways, taxiways, dispersal and parking areas, hangars, operations towers, and gasoline storage facilities; inspects materials and workmanship of contractor and troop labor; insures compliance with construction specifications; maintains records and prepares reports pertaining to activities.

Must have knowledge of methods of laying various types of surfaces, such as asphalt and concrete. Should be thoroughly familiar with soil analysis, soils mechanics, drainage and sub-surface problems. Should be able to direct construction gangs engaged in digging, grading, hauling, compacting and surfacing by hand and by use of construction equipment. Should have working knowledge of construction of various types of buildings.

Military experience desirable.

Civilian experience in construction engineering, especially airport projects, and preparation of engineering plans essential.

Must have college training in civil engineering or equivalent practical experience.

**SOURCE JOBS**

Civil Engineer

Highway Engineer

Airport Engineer

Construction Superintendent

Highway Construction Supervisor

**WEATHER ENGINEERING AND SURVEY OFFICER**

Supervises maintenance and inspection of mechanical weather equipment and is responsible that equipment is in state of readiness for service. Supervises installation and maintenance of weather instruments and equipment; conducts field tests and experiments and recommends modifications and improvements; directs or supervises requisition, storage, maintenance, and issue of weather equipment and supplies; makes inspection periodically of organizational equipment and matériel and recommends proper disposition or repair of unserviceable items.

Must be a qualified weather equipment technician.

Should have college training in mechanical engineering or equivalent practical experience.

**SOURCE JOBS**

Mechanical Engineer      Electrical Engineer  
Meteorological Inspector      Meteorologist

**WEATHER OFFICER, SPECIALIST 8211**

Makes or supervises the making of weather observations and forecasts according to latest prin-

ciples and procedures. Analyzes weather data in conformance with standard weather principles and procedures; prepares climatological studies indicating probability of occurrence of specific weather phenomena; in addition conducts studies in oceanography; specializes in preparation of forecasts for specific world areas. May advise commander on weather problems in strategic and tactical operations. May brief flight crews on weather to be encountered. May instruct air crews in weather observation and interpretation and in proper use of weather service. May organize and establish weather stations.

Must be thoroughly familiar with the organization and functions of Army Air Forces Weather Service.

Graduation in meteorology from a college or university approved by Army Air Forces, or from Air Corps Technical School, or experience in weather forecasting in governmental or commercial weather service essential.

**SOURCE JOBS**

Meteorologist      Weather Forecaster

**WEATHER OFFICER-PILOT** 8218

Makes or supervises the making of weather observations and forecasts according to latest principles and procedures and operates aircraft necessary to perform weather duties. Analyzes weather data in conformance with standard weather principles and procedures; instructs air crews in weather observation and interpretation and in proper use of weather service. May assist in briefing flights. May organize and establish weather stations. May command weather detachment or squadron and perform administrative duties necessary in effecting operation of weather service.

Must be a rated pilot.

Graduation in meteorology from a college or university approved by Army Air Forces or from Air Corps Technical School, or experience in weather forecasting in governmental or commercial weather service essential.

**SOURCE JOBS**

Meteorologist

Weather Forecaster

**WEATHER OFFICER** 8219

Makes or supervises the making of weather observations and forecasts according to latest principles and procedures. Analyzes weather data in conformance with standard weather principles and procedures; prepares climatological studies indicating probability of occurrence of specific weather phenomena. May instruct air crews in weather observation and interpretation and in proper use of weather service. May assist in briefing flights. May organize and establish weather stations. May command weather detachment or squadron and perform administrative duties necessary in effecting operation of weather service.

Graduation in meteorology from a college or university approved by Army Air Forces, or from Air Corps Technical School, or experience in weather forecasting in governmental or commercial weather service essential.

**SOURCE JOBS**

Meteorologist

Weather Forecaster



## COUNTERINTELLIGENCE OFFICER 9302

Collects, evaluates, or disseminates information pertaining to enemy activity, sabotage, or subversive activities. Organizes and supervises surveys and investigations; reviews, evaluates, and forwards counterintelligence reports; makes recommendations regarding counterintelligence activities; maintains liaison with local and federal investigative agencies or similar agencies of friendly countries. May be responsible for indoctrination of personnel in security measures, safeguarding of military information, or censorship, or for the planning of such programs. May conduct or direct the installation and operation of counter subversive measures, counter espionage systems or counter sabotage activities.

Must be familiar with investigative procedures and policies. Must possess tact, initiative, and

diplomacy. Should have thorough knowledge of the language and political institutions of one or more foreign countries.

Military experience in post intelligence operations or staff experience in intelligence planning very desirable. G-2 clearance essential.

Civilian experience in legal or investigative work very desirable.

Should be college graduate; degree in law preferred.

### SOURCE JOBS

F.B.I. Investigator	Police Detective
Special Investigator	Social Investigator
Lawyer	Credit Investigator
News Reporter	Claims Investigator
News Editor	Foreign Correspondent



## **ORDER OF BATTLE SPECIALIST 9318**

Furnishes G-2 with evaluated enemy tactical and strategic order of battle intelligence as a basis for predicting probable future enemy dispositions and long-range capabilities. Studies and interprets changes in enemy organization, logistics, strength, composition, disposition, tactics, and leadership, and evaluates their significance from an order of battle viewpoint. Maintains a complete, current enemy order of battle for a theater and for potential theaters; maintains close liaison with other Order of Battle Specialist Teams in the theater and with other specialized intelligence teams (Aerial Photo-Interpreter, Prisoner of War Interrogation, and Interpreter teams). Submits to G-2 Order of Battle estimates, and requests and suggestions for reconnaissance or other investigative missions.

Knowledge of enemy language and country very desirable.

Graduation of the Military Intelligence Training Center general course and of the MITC specialized course in Order of Battle desirable.

Civilian experience should include use of a foreign language gained either through experience or residence in an enemy foreign country.

### **SOURCE JOBS**

Foreign Commercial Attaché

Diplomatic or Consular Staff Member

Foreign Correspondent

Foreign Missionary

Import-Export Agent

Translator

Foreign Language Stenographer

Foreign Sales Manager or Buyer

**INTERPRETER**

9332

Performs duties as interpreter. Translates orally a foreign language into the English language and vice versa; explains or expounds oral expressions after translation; acts as intermediary in conversations involving military or civilian individuals, either friendly, neutral or enemy. May estimate and submit reports on situation of neighboring allied units. May examine civilians and perform other general intelligence and counterintelligence functions.

Must be a fluent linguist in one or more appropriate foreign languages, and speak, read, and write English and the foreign language concerned with equal ease.

Should have intimate knowledge of United States, allied and foreign Army organization, staff procedure and tactics, customs, characteristics, history, economics, geography, and political institutions of country involved. For assignment in Military Intelligence Department, must be able to read and interpret U. S. and foreign maps, conventional signs and military symbols; have had instruction in foreign Army identifications, examination of civilians, and in general and counterintelligence work. For MID assignment, should be graduate of Military Intelligence Training Center.

Civilian experience should include employment, extensive travel, residence or study abroad, requiring use of foreign languages.

**SOURCE JOBS**

Foreign Commercial Attaché  
Diplomat or Consular Staff Member  
Foreign Correspondent  
Foreign Missionary

**Import-Export Agent****Foreign Sales Manager or Buyer****Interpreter****Translator****Foreign Language Stenographer****FIRE FIGHTING UNIT**

9401

**COMMANDER**

Directs or supervises a fire fighting unit to provide protection for posts, ports, depots, hospitals, air bases or other installations. Inspects buildings and fire fighting equipment; determines adequacy of fire prevention measures in area; recommends removal of fire hazards; supervises testing and maintenance of fire fighting equipment; trains crash fire crews or other fire fighting unit personnel; directs operations of crew or unit in an emergency and is responsible for its administration, supply, and security. May maintain liaison with AAF base operations officer and insure readiness of crash fire crews.

Should be familiar with fire fighting equipment and with methods of combating all types of fires, including gasoline and oil conflagrations. Should be physically capable of demonstrating fire fighting techniques.

Civilian experience as fire department training instructor supplemented by actual fire department supervisory experience very desirable.

**SOURCE JOBS**

Municipal Fire Chief or Officer  
Fire Fighter  
Emergency Squad Member  
Crash Crew Member





*W A R   D E P A R T M E N T   T E C H N I C A L   M A N U A L*

*TM 12-407*

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# OFFICER CLASSIFICATION— COMMISSIONED AND WARRANT: MILITARY CLASSIFICATION AND CODING

## Field Operations

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This manual, together with TM 12-405, 30 October 1943 and TM 12-406, 30 October 1943, supersedes AR 605-95 (Tentative) 19 January 1943, including Supplement I thereto, 18 March 1943 and Memorandum No. W605-22-43, 15 May 1943.



*W A R   D E P A R T M E N T   •   3 0   O C T O B E R   1 9 4 3*

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WAR DEPARTMENT,

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TM 12-407, Officer Classification—Commissioned and Warrant: Military Classification and Coding, Field Operations, is published for the information and guidance of all concerned.

[A. G. 300.7 (10 Sep 43).]

BY ORDER OF THE SECRETARY OF WAR:

G. C. MARSHALL,  
*Chief of Staff.*

OFFICIAL:

J. A. ULIQ,  
*Major General,*  
*The Adjutant General.*

DISTRIBUTION:

X

(For explanation of symbols see FM 21-6.)

III

# PREFACE

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This manual contains codes and titles for all military occupational specialties currently classified. However, specifications are contained herein only for those specialties normally represented in units operating under Tables of Organization and organically assigned or attached to divisions, corps, and armies of the Army Ground Forces and operational elements of the Army Air Forces.

This manual has been planned to meet the more obvious needs of field forces by the inclusion of specifications required for frequent reference and therefore is not all-inclusive. Reference may be made to section III, TM 12-406, for job specifications not contained herein but for which codes and titles appear in sections II and V. Recommendations for the addition of job specifications to this manual, stating codes and titles for which specifications are desired, should be made to The Adjutant General, Classification and Replacement Branch, Washington 25, D. C. (See par. 14, sec. I.)

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# Section I

## INTRODUCTION TO OFFICER MILITARY CLASSIFICATION

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### I. PURPOSE AND OBJECTIVES.

**a. Purpose.** This manual provides a single, unified system whereby classification of military occupational specialties of commissioned and warrant officers may be achieved.

**b. Objectives.** Proper classification of military personnel by their military occupational specialties will facilitate—

(1) The conservation of available skills through maximum utilization of the education, training, and aptitudes possessed by military personnel.

(2) The procurement of personnel possessing special knowledge and skill required in the military service by drawing upon civilian sources.

(3) The requisitioning of military personnel qualified to meet the requirements of a military assignment.

(4) The requisitioning and assignment of personnel by military or technical qualifications and grade, rather than by arm or service and grade only.

(5) The establishment of qualifications to govern eligibility of personnel for specific assignments.

(6) The establishment of a uniform system of personnel record keeping and reporting by mechanical means to increase accuracy and conserve time and effort.

(7) Selection of military personnel for retraining or vocational rehabilitation in preparation for continuation in the military service or for return to gainful civilian employment.

(8) The separation of individuals from the service and rational demobilization to achieve fullest utilization of military occupational training and experience upon return to civilian life.

### 2. DEFINITION AND DETERMINATION OF MILITARY OCCUPATIONAL SPECIALTY.

**a. Definition.** A military occupational specialty is a group of related duties and responsibilities normally requiring special knowledge and skills acquired through formal training, experience, or education.

**b. Determination of officer's military occupational specialty.** An officer may acquire a military occupational specialty—

(1) Through successful completion of a course at a general or special service school, if it has been determined by proper authority that the course qualifies a graduate in a specialty.

(2) Through satisfactory service in a unit or installation, when, in the opinion of the immediate superior, an officer demonstrates qualification by reason of at least satisfactory performance of a specialty. Such determination must be evidenced by an efficiency rating of "satisfactory" or better, recorded in the "Manner of Performance" column of W. D., A. G. O. Forms No. 66-1 and 66-2. Since no efficiency rating can be given until the officer has performed the duty continuously for at least 30 days, a specialty cannot be acquired in this way until it has been performed for at least 30 days.

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(3) Through civilian experience when of such a nature as to be a practical counterpart of a military occupational specialty; and proficiency has been demonstrated to the satisfaction of his commanding officer.

**c. Selection of primary and secondary military occupational specialty when officer is qualified in two or more specialties.** In order to provide for the maximum utilization of an officer's qualifications, the following factors should be considered in the selection of the primary and secondary specialty, when it is desired to make a differentiation:

- (1) Quality of performance.
- (2) Length of experience or training.
- (3) Recency of experience or training.
- (4) Needs of the service, especially in scarce categories of required skills.

### **3. DEVELOPMENT OF CLASSIFICATION STRUCTURE.**

**a. Major and subgroup divisions.** The classification structure divides military occupational specialties into ten major groupings. As an aid in allocating and locating code designations and as a means of facilitating reporting and analysis of specialties, each grouping is subdivided into subgroups of related occupations. No single criterion has been followed in determining the assignment of code numbers to the occupational specialties. As a rule, functional relationship determines the allocation of a code. Specialties related by the nature of duties performed are classified together. In addition, it is frequently necessary to give consideration to similarity in experience, education, and other qualification requirements. In some cases related qualifications determine the code position of otherwise unrelated specialties. To facilitate reference to this manual the functional groupings are outlined as follows:

#### *Special Codes*

- 0001 Duties Unassigned or Not Qualified in Military Occupational Specialty.
- 0002 General Officer.
- 0—*Communications and Transportation.* Includes functions primarily concerned with the installation, operation, and minor maintenance of communication and transportation systems and equipment.
  - 00—Postal Services
  - 01—Aircraft Warning Services
  - 02—General Communications
  - 03—Open

- 04—Telephone and Telegraph
- 05—Radio
- 06—General and Motor Transportation
- 07—Rail Transportation
- 08—Marine Transportation
- 09—Air Transportation

1—*Command and Combat.* Includes functions primarily concerned with the immediate command of combat units and with specialties applicable solely or primarily to tactical operations of combat troops.

- 10—Air Force
- 11—Coast and Field Artillery
- 12—Armored Force and Tank Destroyer
- 13—Engineers
- 14—Chemical Warfare
- 15—Infantry
- 16—Cavalry
- 17—Open
- 18—Open
- 19—General

2—*Administrative, Executive, and Training Services.* Includes functions primarily concerned with the executive and administrative operations of an organization.

- 20—General Administration
- 21—General Administration
- 22—Personnel
- 23—Industrial Relations and Selective Service
- 24—Records
- 25—Instruction and Training
- 26—Administrative Planning and Control
- 27—Instruction and Training
- 28—Open
- 29—Administrative Commands

3—*Medical, Dental, Veterinary, and Other Health Services.* Includes functions primarily concerned with the preservation of the health of military personnel and animals.

- 30—General
- 31—Medical, Dental, and Surgical
- 32—Veterinary
- 33—Laboratory and Scientific
- 34—Nursing and Allied Services
- 35—Medical Unit Commands
- 36—Open
- 37—Open
- 38—Open
- 39—Open

4—*Procurement, Supply, Maintenance, and Repair Services.* Includes functions primarily concerned with the purchase, procure-

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ment, maintenance, repair, storage, and distribution of supplies and equipment.

- 40—General
- 41—Subsistence
- 42—Quartermaster and Sales Services
- 43—Procurement and Contracting Services
- 44—Supply and Distribution
- 45—Supply and Distribution
- 46—Salvage
- 47—Warehousing and Allied Services
- 48—Maintenance and Repair Shop Services
- 49—Miscellaneous

5—*Welfare and Special Services.* Includes functions primarily concerned with the morale of military personnel such as religious, educational, athletic, and entertainment activities.

- 50—General
- 51—Open
- 52—Music, Theater and Motion Picture
- 53—Religion
- 54—Publication and Publicity
- 55—Education
- 56—Recreation
- 57—Welfare
- 58—Open
- 59—Miscellaneous

6—*Fiscal, Accounting, and Budgeting.* Includes functions primarily concerned with accounting and auditing, fiscal and budgetary control, and economic and statistical analysis.

- 60—General
- 61—Accounting
- 62—Finance
- 63—Fiscal
- 64—Statistical
- 65—Open
- 66—Open
- 67—Open
- 68—Open
- 69—Open

7—*Professional Engineering and Related Technical Services.* Includes functions primarily concerned with professional engineering and other technical services.

- 70—General
- 71—Construction and Maintenance Engineering
- 72—Marine Engineering
- 73—Chemistry and Chemical Engineering

74—Industrial Engineering and Production Services

- 75—Mechanical, and Aeronautical Engineering
- 76—Electrical Engineering, General
- 77—Communications Engineering
- 78—Communications Engineering
- 79—Civil Engineering

8—*Professional, Subprofessional, and Scientific Services.* Includes functions primarily concerned with professional and subprofessional activities other than engineering, chemistry, medicine, and others classifiable elsewhere.

- 80—General
- 81—Legal
- 82—Meteorology
- 83—Open
- 84—Open
- 85—Photography
- 86—Open
- 87—Open
- 88—Open
- 89—Open

9—*Protective, Intelligence, and Investigative Services.* Includes functions primarily concerned with the protection and custody of personnel and matériel, and with military intelligence matters.

- 90—General
- 91—Law Enforcement
- 92—Protection and Security
- 93—Intelligence and Investigation
- 94—Fire Protection and Prevention
- 95—Camouflage
- 96—Cryptanalysis
- 97—Open
- 98—Open
- 99—Open

**b. Assignment of Code Designation.** Each military occupational specialty is given a four-digit code; the first digit represents the major group; the second, the subgroup; the other two, the position of the military occupational specialty within the subgroup.

**c. Level of Responsibility.** This manual provides for classification of officers along functional lines without regard to unit of assignment or level of responsibility. Specialties which represent functions commonly performed at various levels of responsibility are described without reference to grade or echelon. For example, the command of armored infantry troops is a functional specialization performed at various echelons ranging from platoon to regiment. A code

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

and title, 1560 "Armored Infantry Unit Commander" is used to report and record the specialty regardless of echelon of command. However, a fifth digit code (see sec. IV) is provided for indicating organizational level when reporting present duty. It is also intended that an officer's grade will generally denote the level of responsibility. It is obvious, for example, that a lieutenant (1560) is performing a specialty at a lower level of responsibility than a major (1560), although in the same chain of command.

### 4. ORGANIZATION AND INTERPRETATION OF JOB SPECIFICATIONS.

**a. Basis for Job Specification.** The specifications contained in this manual are based upon an analysis of military duties performed by commissioned and warrant officers. Material used in their preparation was submitted by the arms and services, obtained by questionnaires or interviews, and compiled from current Army publications.

**b. Organization of a Job Specification.** Each job specification contained in this manual is composed of several or all of the following elements:

- (1) A descriptive title and code, consistent with other titles.
- (2) A statement of predominant duties and responsibilities including typical tasks falling within the occupational function.
- (3) A statement of special qualifications indicating knowledge and skills required for adequate performance of the specialty.
- (4) Military experience.
- (5) Civilian experience.
- (6) Educational requirements.
- (7) Source jobs indicative of civilian sources from which personnel may be drawn with qualifications which will permit assignment with the least training and preparation.

When any of the above elements do not contribute to a greater understanding of the military occupational specialty or do not add significantly to the qualification requirements, these items are omitted from the job specification. Thus, for example, the educational factor is not mentioned if not more than a general high school education is required. However, technical school or other specific requirements are included.

The degree to which qualifications are necessary for proper performance of a specialty is indicated by "essential" or "must," "very desirable," or "should"

and "desirable." Possession of additional qualification is always desirable but unless it is normally associated with a specialty and contributes to better performance, this factor is omitted. Thus, prior military experience is not indicated unless it adds materially and directly to the officer's ability to perform the duties indicated.

**c. Interpretation of Job Specification.** The job specifications are intended as an aid and guide in assisting classification officers in the determination of an appropriate code designation for a given set of duties and responsibilities, and to interpret uniformly and implement the regulations pertaining to personnel classification and reporting. They do not restrict authority of commanding officers to change or prescribe additional duties and responsibilities of subordinates. The objective has been to develop clear, usable, and manageable specifications rather than make each one an indivisible unit. Differences in duties which do not affect seriously their treatment as a unit in classification and assignment work have been disregarded. The specifications are not detailed and complete statements of the duties and responsibilities of a specific duty assignment, but describe typical tasks normally associated with the functional specialty.

The classification of occupational specialties does not produce a system whereby every duty assignment can be found through a routine process of following an index. Sound judgment is required in applying the mechanical details of this classification structure. Consideration is not to be given to isolated phrases or sentences apart from their context.

**d. Use of Other Titles.** Classification titles as herein provided are intended for use in all official procedures relating to procurement, assignment, requisitioning, and reporting of personnel by means of military occupational specialties. This does not preclude the use, for other purposes, of titles prescribed by regulations or in common usage.

**5. DIFFERENTIATION BETWEEN PRESENT DUTY AND MILITARY OCCUPATIONAL SPECIALTY.** A present duty assignment does not, by itself, qualify an officer for a military occupational specialty. Before a specialty is acquired, an officer must meet the requirements set forth in paragraph 2, section I. The present duty of an officer may not necessarily be identical with his military occupational specialty. An officer may have a primary military occupational specialty of 1193 "Field Artillery Unit Commander" but be performing a present duty of "Mess, Supply, and Transportation Officer" (4113) in a truck-drawn field artillery bat-

## MILITARY CLASSIFICATION AND CODING

terry. For reporting purposes, a military occupational specialty will be indicated by the appropriate four-digit code, and a present duty by the appropriate four-digit code plus a fifth digit designating level of performance (see sec. IV).

**6. USE OF ALPHABETIC INDEX.** The index contains a complete cross-index of the military occupational specialties included in TM 12-406 and TM 12-407. Code numbers marked with an asterisk represent specialties for which a specification appears in section III, TM 12-406. The titles appearing in capital letters are the exact designations found in sections II and III. For all recording and reporting purposes, use only proper titles, that is, those appearing completely capitalized. The titles in lower case letters with initial capitals only are rearrangements of the title. In addition, former proper titles of specialties previously published in AR 605-95 (Tentative) and its supplements, but appearing in this manual under a revised title, are included to facilitate easy reference to the new titles. A title cannot be completely descriptive of a specialty. It is important, therefore, that reference be made to the content of the specification before a code and title are selected.

**7. CODING OF GENERAL OFFICERS.** Military occupational specialties need not be determined for officers in grade of brigadier general or higher. However, a code designation (0002) has been provided for reporting present duty assignment and military occupational specialties of officers, grades of brigadier general, or higher, regardless of duty assignment or specialty.

### **8. CODING OF OFFICER NOT ASSIGNED DUTIES AND OFFICER NOT QUALIFIED IN MILITARY OCCUPATIONAL SPECIALTY.**

**a. Duties Unassigned.** When an officer is not assigned specific duties by the commanding officer but is awaiting assignment or is a casual at the installation, present duty code is not designated. Instead, a special code (0001) is used for reporting purposes to indicate the status of the officer, namely, no duty assigned.

**b.** When an officer has not acquired a military occupational specialty in accordance with paragraph 2, section I, a specialty is not designated. Instead, a special code (0001) is used for reporting purposes to indicate absence of primary or secondary military occupational specialty.

**9. CODING OF ASSISTANTS AND EXECUTIVE OFFICERS.** Since the classification structure provides for the determination of military occupational specialties by function, officers performing duties similar to those of officers whom they assist are to be assigned the same military occupational specialty. Thus, assistants, executive officers, and others whose duties are functionally the same as those of their immediate superiors by virtue of their nature and responsibility, receive the same classification. The fifth-digit suffix (see sec. IV) provides a means whereby a distinction can be made between the chief or commanding officer and his immediate subordinate officers. However, this procedure is not to be employed when an officer is delegated subordinate duties which are classifiable as another specialty.

**10. CODING OF INSTRUCTORS.** It is not feasible to develop job specifications for the many instructional duties performed by officers. A careful analysis of instructor specialties has shown that the field of instruction, both in kind and scope, usually parallels the functional performance of a military occupational specialty, and hence may be represented by the same code. For example, it appears that the skills and knowledge represented by an Ammunition Supply Officer (4514) and an instructor in the same field are sufficiently alike, except for personality and other factors not classifiable herein, to permit classification by the same code. A fifth-digit code (0) is used to report present duty of instructors but not for recording primary or secondary military occupational specialty. For example, Ammunition Supply Officer (4514-0). In this way, the essential basic military capacities of an instructor will be recorded without unreasonable multiplication of classifications.

There are, however, a number of teaching specialties, such as Instructor, Public Speaking; Instructor, Welding; and Instructor, Military Government, which do not have functional counterparts and these are coded specifically by the teaching specialty.

**11. CODING OF STUDENT OFFICERS.** Full time present duty in a student capacity will be indicated by a special code (2700) when reporting present duty assignment. Thus, the present duty of an officer pursuing studies in a school and of an officer engaged full time in attending a refresher course, student auditing, observing, or other student activity will be reported by the above designated code. This specification number will not be used for those officers who are assigned temporarily to an officer pool pending permanent assignment (see spec. No. 0001).

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### 12. CODING OF OFFICERS PERFORMING COMBINATION OF DUTIES.

With few exceptions, two or more specialties have not been combined under one code and title. Only where combined duties are an integral and usually inseparable part of an assignment, such as Operations and Oxygen Officer (1041), have they been treated as a military occupational specialty.

The present duty of officers performing two or more specialties will be determined by the relative importance of the duties on the basis of level of responsibility involved and time devoted to each. For example, a battalion executive officer who also serves as battalion S-3 should be reported as having present duty of the former. Likewise, various additional duties should be disregarded and only the principal duty reported.

### 13. CODE CHANGES AND DELETIONS FROM AR 605-95 (TENTATIVE).

Appendix A contains a list of those code numbers appearing in AR 605-95 (Tentative) and its supplements or otherwise authorized for use which have been deleted from this classification manual. Included in this section are suggested substitutions for those codes no longer to be used. These suggestions are not exhaustive and are not to be applied mechanically in making code changes. When a recommended substitution does not seem to apply to a particular set of duties and responsibilities, the classifying officer should make a careful review of the related job specifications to select a code and title.

When no substitution is indicated, it will be necessary to follow the same procedure as required when making an original determination of military occupational specialty.

### 14. SUGGESTED ADDITIONS OR REVISIONS OF TITLES AND SPECIFICATIONS.

In order to maintain an up-to-date manual, additions, changes, corrections, and revisions will be made from time to time. The cooperation of classification officers is essential in keeping subject matter in this manual current with new developments. Suggestions as to additions and revisions are welcome. Such recommendations should be forwarded, through channels, to The Adjutant General, in accordance with the following form:

To: The Adjutant General, Classification and Replacement Branch, Washington 25, D. C.  
From:  
Subject: Suggested changes in military occupational specialties (TM 12-407)

#### Officer's Job Specification

1. TITLE:
2. CODE:
3. Duties and Responsibilities of Job (including typical tasks in order of importance)
4. Special Qualifications (knowledge, skills, etc.)
5. Military Requirements (kinds of training and experience)
6. Civilian Experience (specific fields)
7. Educational Requirements (fields of specialization)
8. Source Jobs (civilian sources)
9. Reference Citations (T/O, FM, TM, AR, etc.)
10. Give T/O or other authority for officer, grade or grades, and if now coded, how coded, and reason for requested change.

#### **4. e. Interpretation of Job Specification.**

(3) Cases may arise in which strict interpretation of civilian or military education and experience qualifications indicated by "must" and "essential" will prevent otherwise qualified individuals from being classified in the proper military occupational speciality. It is undesirable to encourage a general relaxation of standards established by the various arms and services to determine eligibility for classifications in a specialty, however, the qualification requirements of specifications in this manual will be interpreted in such a manner as to permit the application of the principles set forth in Par 3, Sec I, Circular No. 44, War Department, 1 February 1944, which reads in part as follows: "*3. Awarding military occupational specialty.* One or more military occupational specialties may be acquired in one of the following manners: . . . b. On-the-job training or duty assignment for sufficient time that in the opinion of the rating officer such performance has been at least very satisfactory and that the officer is fully qualified to perform the duties provided for in the specifications. Normally a period of at least thirty days should precede assignment of military occupational specialty."

#### **7. CODING OF GENERAL OFFICERS.**

A special code (0002) has been provided for reporting military occupational specialties of general officers. However, all present duty assignments of such officers will be reported under a five digit duty code. For example, the military occupational specialty of a major general would be reported as (0002) whereas the duty of the same major general when commanding a motorized infantry division would be reported as Infantry Unit Commander (1542-1).

#### **14. SUGGESTED ADDITIONS OR REVISIONS OF TITLES AND SPECIFICATIONS.**

##### **OFFICER'S JOB SPECIFICATION**

1. TITLE:

2. CODE:

3. Duties and Responsibilities of Job (indicate commissioned specialists under whose direction the job is performed and commissioned and enlisted specialists over whom command or supervision is exercised; state typical tasks in detail explaining specifically what, why, and how, including tactics, weapons, tools, equipment, or matériel involved).
4. Special Qualifications (state in detail special job knowledge, techniques, abilities, training, and other characteristics not elsewhere described which are required to perform the job).
5. Military Requirements (state special or general service school, on-the-job training, or previous military experience required to perform the job, including, where applicable, the MOS from which this specialty is developed, and the substantial differences in skills, experience, training, or other factors).

#### **9. Reference Citations (T/O, FM, TM, AR, etc.)**

Note: State the minimum qualifications required for satisfactory performance of the job. Describe the job. Do not describe the qualifications of the incumbent.

#### **15. CODING OF MEDICAL CORPS OFFICERS.** Appendix B, Page 123, contains instructions for the conversion of SGO classification symbols for Medical Corps Officers to MOS codes and titles as published in this manual and, in addition, provides for a *prefix* symbol to be used with SSNs to indicate SGO classification groups.

#### **16. CODING OF WARRANT OFFICERS.** Appendix C page 125, contains instructions for the classification of warrant officers in accordance with the subject in which examined. (See Par 6c (2) and Par 16, Sec I, AR 610-15, 27 February 1943; Par 4, Sec I, AR 610-10, 13 September 1941, and subsequent changes.)



# Supplemental Numerical List of Military Occupational Specialties

CODE	PAGE	CODE	PAGE
0003 RELIEVED FROM DUTY, SICK IN HOSPITAL AS PATIENT.....	16.1	2159 FLIGHT CONTROL OFFICER.....	50.1
0004 RELIEVED FROM DUTY, SICK, ABSENT FROM POST.....	16.1	2205* DIRECTOR OF PERSONNEL.....	.....
0005 RELIEVED FROM DUTY, ON DETACHED SERVICE.....	16.1	2706* INSTRUCTOR, TEACHING METHODS.....	.....
0009 SPECIAL ASSIGNMENT.....	16.1	2714* INSTRUCTOR, SOCIAL SCIENCES.....	.....
0151 RADAR OFFICER—SPECIAL (AH-1)....	18.1	2728* INSTRUCTOR, COMMAND AND GENERAL STAFF SCHOOL.....	.....
0532 COMMUNICATIONS OFFICER— SPECIAL (AH-2).....	22.1	3012* HOSPITAL ADMINISTRATOR.....	.....
0533 RADIO OFFICER—SPECIAL (AH-3)....	22.1	3138 MEDICAL OFFICER, TROPICAL MEDICINE.....	60.1
0534 RADIO OFFICER—SPECIAL (AH-4), STAFF.....	22.1	3506 MEDICAL ASSISTANT (MAC).....	70.1
0590 RADIO-CONTROLLED TARGET AIRPLANE OFFICER.....	22.1	4012* DIRECTOR OF SUPPLY.....	.....
0634 WAGON OFFICER.....	22.2	4800 ORDNANCE MAINTENANCE OFFICER, STAFF.....	80.2
1028 AIRCRAFT OBSERVER (FLIGHT ENGINEER).....	28.1	4814 ORDNANCE RECLAMATION OFFICER.....	84.1
1030 BOMBARDIER (LAB).....	28.1	4821 FLIGHT TEST AND ENGINEERING OFFICER.....	84.1
1042 PERSONAL EQUIPMENT OFFICER.....	30.1	4826 AERIAL MINE OFFICER.....	84.2
1054 PILOT, SINGLE-ENGINE.....	30.1	4890 MEDICAL EQUIPMENT MAINTENANCE OFFICER.....	86.2
1081 PILOT, B-25.....	32.1	4925 MODEL MAKER.....	86.2
1082 PILOT, B-26.....	32.1	4944 GAS GENERATING UNIT COMMANDER.....	88.1
1091 PILOT, B-17.....	32.1	5004 ORIENTATION OFFICER.....	88.1
1092 PILOT, B-24.....	32.1	5754* PERSONAL AFFAIRS OFFICER.....	.....
1093 PILOT, VERY HEAVY BOMBER.....	32.1	7932 PIPE LINE ENGINEER.....	94.1
1161 HARBOR ENTRANCE CONTROL POST OFFICER.....	34.2	8205 WEATHER ENGINEERING AND SURVEY OFFICER.....	94.2
1367 ENGINEER BOAT AND SHORE UNIT COMMANDER.....	44.1	9240* COMMUNICATIONS SECURITY OFFICER.....	.....
2145* STAFF DIRECTOR, WAC.....	.....	9318 ORDER OF BATTLE SPECIALIST.....	100.2
2158 OPERATIONS OFFICER, AIR FORCES (NON-RATED).....	50.1	9332 INTERPRETER.....	100.2
		9401 FIRE FIGHTING UNIT COMMANDER.....	100.2

\* Specification appears in TM 12-406.



## Section II

### NUMERICAL LIST OF MILITARY OCCUPATIONAL SPECIALTIES

	Page		Page
0001 DUTIES UNASSIGNED OR NOT QUALIFIED IN MOS	16	0600 MOTOR TRANSPORT OFFICER	22
0002 GENERAL OFFICER	16	0604* TERMINAL TRAFFIC INSPECTOR.	22
0015 COURIER OFFICER	16	0605 WHEEL VEHICLE MAINTENANCE OFFICER	23
0030 POSTAL OFFICER	16	0606 TRACK VEHICLE MAINTENANCE OFFICER	23
0102 AIRCRAFT WARNING PLOTTER OFFICER	16	0607 TRAFFIC CONTROL OFFICER	23
0110 AIRCRAFT WARNING OFFICER, GROUND REPORTING EQUIPMENT	16	0609* MOTOR TRANSPORTATION REGULATING OFFICER	23
0120 AIRCRAFT WARNING OFFICER, GUNLAYING AND SEARCHLIGHT EQUIPMENT	17	0610* FREIGHT TRANSPORTATION OFFICER.	
0130 AIRCRAFT WARNING OFFICER, AIRBORNE EQUIPMENT	17	0611* PASSENGER TRANSPORTATION OFFICER.	
0140 RADAR OFFICER	17	0612* PASSENGER AND FREIGHT TRANSPORTATION OFFICER.	
0141 RADAR OFFICER, AIR	17	0614* MOTOR TRANSPORTATION MOVEMENT OFFICER	
0145 RADAR MAINTENANCE AND REPAIR OFFICER	18	0615* HIGHWAY TRAFFIC ENGINEER.	
0160 AIRCRAFT WARNING OFFICER, FILTER	18	0631 STABLE OFFICER	23
0200 COMMUNICATIONS OFFICER	18	0632 PACK OFFICER	23
0210 SIGNAL OFFICER	18	0640* MAIL TRANSPORTATION OFFICER.	
0213* POST SIGNAL OFFICER	18	0642* MOTOR TRANSPORT PLANNING OFFICER.	
0214* PORT SIGNAL OFFICER	18	0650* MOTOR VEHICLE DISTRIBUTION OFFICER.	
0215 SIGNAL OFFICER, BASIC	18	0660 TRUCK OFFICER	23
0220* MESSAGE CENTER OFFICER	19	0661 CAR OFFICER	24
0221 MESSAGE CENTER OFFICER, FIELD	19	0662 DUMP TRUCK OFFICER	24
0222* MESSAGE CENTER OFFICER, FIXED STATION	19	0668 AMPHIBIAN TRUCK OFFICER	24
0224 MESSAGE CENTER OFFICER, CRYPTOGRAPHIC	19	0690* TRANSPORTATION SUPERINTENDENT.	
0225 RADIO INTELLIGENCE OFFICER	19	0700* RAIL TRANSPORTATION OFFICER.	
0240 PIGEON OFFICER	19	0706* TRAINMASTER.	
0250* SOUND AND LIGHT OFFICER	19	0707* RAIL TRANSPORTATION REGULATING OFFICER.	
0260 TELEPHONE AND TELEGRAPH MAINTENANCE OFFICER	20	0709* STATIONMASTER.	
0400 TELEPHONE AND TELEGRAPH OFFICER	20	0715* RAILWAY MAINTENANCE OF WAY SUPERINTENDENT.	
0410 TELEPHONE AND TELEGRAPH OFFICER, INSIDE PLANT	20	0716* RAILWAY BRIDGE AND BUILDING SUPERVISOR.	
0420 TELEPHONE AND TELEGRAPH OFFICER, FIELD LINE CONSTRUCTION	20	0717* RAILWAY TRACK SUPERVISOR.	
0430 TELEPHONE AND TELEGRAPH OFFICER, OUTSIDE PLANT	20	0718* RAILWAY SIGNAL MAINTENANCE SUPERVISOR.	
0434* TELEPHONE AND TELEGRAPH OFFICER, SUBMARINE CABLE	20	0720* ROAD FOREMAN, RAILROAD ENGINES.	
0435* SUBMARINE CABLE STATION OFFICER	21	0721* RAILWAY WATER SERVICE SUPERVISOR.	
0500 RADIO OFFICER	21	0730* YARDMASTER.	
0501 RADIO OFFICER, FIELD	21	0735* RAILWAY MASTER MECHANIC.	
0502 RADIO OFFICER, FIXED STATION	21	0736* RAILWAY CAR FOREMAN.	
0503 RADIO OFFICER, VHF	21	0737* ENGINEHOUSE FOREMAN.	
0520 RADAR OBSERVER, NIGHT FIGHTER	21	0740* RAILWAY DISPATCHER.	
	22	0750* RAILWAY OPERATIONS SUPERINTENDENT.	
	21	0753* RAILWAY CAR SERVICE SUPERINTENDENT.	
	21	0754* RAILWAY EQUIPMENT SUPERINTENDENT.	
	21	0761* ELECTRIC RAILWAY POWER TRANSMISSION SUPERINTENDENT.	

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Classification	Page	Classification	Page
0810* HARBOR MASTER.		1074 AIRWAYS COMMUNICATION UNIT COMMANDER	31
0804 STEVEDORE OFFICER.....	25	1074 AIRWAYS COMMUNICATION UNIT COMMANDER	31
0806* CARGO OPERATIONS OFFICER.		1075 AIRDROME UNIT COMMANDER.....	32
0807* DOCK ORDNANCE OFFICER.		1076* TOW TARGET UNIT COMMANDER.	
0808* ARMY TRANSPORT CONTROL OFFICER.		1102 COAST ARTILLERY UNIT COMMANDER.....	32
0809* BOARDING OFFICER.		1105 RAILWAY COAST ARTILLERY UNIT COMMANDER.....	32
0810* TRANSPORT PASSENGER OFFICER.		1112 BARRAGE BALLOON UNIT COMMANDER.....	32
0812* SHIP TRANSPORTATION OFFICER.		1113 BARRAGE BALLOON CONTROL OFFICER.....	33
0813* PORT STEWARD.		1116 BARRAGE BALLOON ENGINEER.....	33
0815* ARMY TRANSPORT SERVICE SUPERINTENDENT.		1122 UNDERWATER RANGING UNIT COMMANDER.....	33
0816* PIER SUPERINTENDENT.		1132 SEARCHLIGHT UNIT COMMANDER.....	33
0817* CARGO SECURITY OFFICER.		1143 SUBMARINE MINE UNIT COMMANDER.....	34
0818* PIER OFFICER.		1154 SOUND AND FLASH OBSERVATION UNIT COMMANDER.....	34
0820 MASTER OR MATE.....	25	1159 COAST ARTILLERY OFFICER, STAFF.....	34
0823 MARINE ENGINEER.....	25	1160 HARBOR DEFENSE UNIT COMMANDER.....	35
0825 SMALL BOAT UNIT COMMANDER.....	25	1164 GROUND RANGING UNIT COMMANDER.....	35
0830* INLAND WATERWAYS TRANSPORTATION REGULATING OFFICER.		1172 ANTIARICRAFT GUN UNIT COMMANDER.....	35
0902 FERRRYING OPERATIONS OFFICER.....	25	1174 ANTIARICRAFT AUTOMATIC WEAPONS UNIT COMMANDER.....	36
0905 AIR TRANSPORT UNIT COMMANDER.....	26	1175 ANTIARICRAFT ARTILLERY OPERATIONS OFFICER.....	36
0907 TROOP CARRIER UNIT COMMANDER.....	26	1176 COMPOSITE ANTIARICRAFT UNIT COMMANDER.....	36
0910* AIR TRANSPORTATION REGULATING OFFICER.		1177 AIRBORNE ANTIARICRAFT UNIT COMMANDER.....	36
0911 WEIGHT AND BALANCE OFFICER.....	26	1179 ANTIARICRAFT OFFICER, STAFF.....	37
0913* AIR TRAFFIC PRIORITY OFFICER.		1183 RECONNAISSANCE AND SURVEY OFFICER.....	37
0915 SERVICE PILOT, SINGLE-ENGINE.....	26	1188 FIRE DIRECTION OFFICER.....	37
0916 SERVICE PILOT, TWO-ENGINE.....	26	1189 FORWARD OBSERVER, ARTILLERY.....	37
0917 SERVICE PILOT, FOUR-ENGINE.....		1190 PARACHUTE FIELD ARTILLERY UNIT COMMANDER.....	37
1013 AIR BASE COMMANDER.....		1192 INFANTRY CANNON UNIT COMMANDER.....	38
1014 CONTROLLER, FIGHTER INTERCEPTION.....		1193 FIELD ARTILLERY UNIT COMMANDER.....	38
1021 BOMBER PILOT, SINGLE-ENGINE.....		1194 PACK FIELD ARTILLERY UNIT COMMANDER.....	38
1022 BOMBER PILOT, TWO-ENGINE.....		1195 AIRBORNE FIELD ARTILLERY UNIT COMMANDER.....	39
1024 BOMBER PILOT, FOUR-ENGINE.....		1197 ARMORED FIELD ARTILLERY UNIT COMMANDER.....	39
1026 GLIDER PILOT.....		1199 FIELD ARTILLERY OFFICER, STAFF.....	39
1027 GLIDER TOW PILOT.....		1203 TANK UNIT COMMANDER.....	39
1029 AERIAL OBSERVER.....		1204 ARMORED RECONNAISSANCE UNIT COMMANDER.....	39
1034 NAVIGATOR.....		1205 ARMORED MORTAR UNIT COMMANDER.....	40
1035 BOMBARDIER.....		1207 ARMORED ASSAULT GUN UNIT COMMANDER.....	40
1036 NAVIGATOR-BOMBARDIER.....		1219 ARMORED FORCE TRAIN COMMANDER.....	40
1037 NAVIGATOR-BOMBARDIER, L. A. B.....		1222 TANK DESTROYER UNIT COMMANDER.....	40
1038 NAVIGATOR-BOMBARDIER, RADAR.....		1225 TANK DESTROYER PIONEER UNIT COMMANDER.....	41
1039 NAVIGATOR, RADAR.....		1328 GENERAL SERVICE ENGINEER UNIT COMMANDER.....	41
1040 OXYGEN OFFICER.....		1331 COMBAT ENGINEER UNIT COMMANDER.....	41
1041 OPERATIONS AND OXYGEN OFFICER.....		1336 AIRBORNE ENGINEER UNIT COMMANDER.....	42
1050* PILOT, SINGLE-ENGINE RADIO CONTROLLED TARGET.		1337 AVIATION ENGINEER UNIT COMMANDER.....	42
1051* PILOT, TWO-ENGINE RADIO CONTROLLED TARGET.		1339 PARACHUTE ENGINEER UNIT COMMANDER.....	42
1055 FIGHTER PILOT, SINGLE-ENGINE.....	30	1342 PORTABLE BRIDGE UNIT COMMANDER.....	42
1056 FIGHTER PILOT, TWO-ENGINE.....	30		
1058 NIGHT FIGHTER PILOT, TWO-ENGINE.....	30		
1060 BOMBARDMENT UNIT COMMANDER.....	30		
1063 FIGHTER-BOMBER UNIT COMMANDER.....	30		
1065 FIGHTER UNIT COMMANDER.....	31		
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1362 AMPHIBIAN ENGINEER NAVIGATION OFFICER.....	2170* TECHNICAL OPERATIONS OFFICER.....
1363 AMPHIBIAN ENGINEER SHORE UNIT COMMANDER.....	2173 AIR GROUND SUPPORT STAFF OFFICER.....
1366 AMPHIBIAN ENGINEER BOAT UNIT COMMANDER.....	2200 MILITARY PERSONNEL OFFICER.....
1369 CONTROL BOAT COMMANDER.....	2201 PERSONNEL ASSIGNMENT OFFICER.....
1372 BOAT MAINTENANCE AND SALVAGE UNIT COMMANDER.....	2202* CIVILIAN PERSONNEL OFFICER.....
1374 DIESEL ENGINE OFFICER.....	2203* CIVILIAN CLASSIFICATION OFFICER.....
1376 MARINE ENGINE OFFICER.....	2210 CLASSIFICATION AND ASSIGNMENT OFFICER.....
1413 CHEMICAL WARFARE UNIT COMMANDER.....	2211* PERSONNEL PROCEDURES OFFICER.....
1414 CHEMICAL DECONTAMINATING UNIT COMMANDER.....	2220* MILITARY JOB ANALYST.....
1415 CHEMICAL SMOKE GENERATOR UNIT COMMANDER.....	2230 PERSONNEL CONSULTANT.....
1510 PARACHUTE INFANTRY UNIT COMMANDER.....	2235* VOCATIONAL AND EDUCATIONAL GUIDANCE OFFICER.....
1512 AIRBORNE INFANTRY UNIT COMMANDER.....	2250* PERSONNEL TESTING OFFICER.....
1513 MOUNTAIN INFANTRY UNIT COMMANDER.....	2251* PSYCHOLOGIST, AVIATION.....
1524 ANTITANK UNIT COMMANDER.....	2252* PSYCHOLOGIST.....
1542 INFANTRY UNIT COMMANDER.....	2260 PERSONNEL STAFF OFFICER (G-1, A-1, S-1).....
1560 ARMORED INFANTRY UNIT COMMANDER.....	2270* PERSONNEL PROCUREMENT OFFICER.....
1613 HORSE CAVALRY UNIT COMMANDER.....	2310* RECRUITING AND INDUCTION OFFICER.....
1620 MECHANIZED CAVALRY UNIT COMMANDER.....	2323* RECEPTION OFFICER.....
1624 CAVALRY PIONEER UNIT COMMANDER.....	2329* INDUSTRIAL RELATIONS OFFICER.....
1922* TRANSPORT GUN CREW COMMANDER.....	2330* LABOR RELATIONS OFFICER.....
1930 COMBAT LIAISON OFFICER.....	2331* LABOR SUPPLY OFFICER.....
1981 AIR OBSERVATION PILOT.....	2334* MANPOWER REQUIREMENTS OFFICER, SELECTIVE SERVICE.....
2010 CHIEF OF STAFF.....	2335* OCCUPATIONAL DEFERMENT ADVISOR.....
2011 SECRETARY OF THE GENERAL STAFF.....	2336* REEMPLOYMENT OFFICER.....
2018* TROOP TRANSPORT COMMANDER.....	
2019* POST COMMANDER.....	
2025* CHIEF OR DIRECTOR, MAJOR DEPARTMENTAL UNIT.....	
2030 AIDE-DE-CAMP.....	2401 MACHINE RECORDS OFFICER.....
2042* TECHNICAL AND TACTICAL BOARD MEMBER.....	2402* MACHINE RECORDS CONTROL OFFICER.....
2110 ADJUTANT OR ADJUTANT GENERAL.....	2403* BOMBING RECORDS OFFICER.....
2115* RECORDING SECRETARY.....	2407 RECORDS OFFICER.....
2116* SCHOOL SECRETARY.....	2420* ARCHIVIST.....
2120 ADMINISTRATIVE OFFICER.....	2421* HISTORICAL EDITOR.....
2121 ADMINISTRATIVE INSPECTOR.....	2430 GRAVES REGISTRATION AND MEMORIAL OFFICER.....
2124* ADMINISTRATIVE OFFICER, MILITARY GOVERNMENT.....	2431 MEDICAL REGISTRAR.....
2136* UNIT OFFICER, NONTACTICAL.....	2500* SCHOOL COMMANDANT.....
2140* AIR LIAISON OFFICER, STAFF.....	2501* MEDICAL SCHOOL COMMANDANT.....
2150* ORGANIZATION AND TRAINING OFFICER.....	2512* INSTRUCTOR, MILITARY GOVERNMENT.....
2154* TRAINING PUBLICATIONS OFFICER.....	2513* INSTRUCTOR, PUBLIC ADMINISTRATION.....
2156* RATIONING OFFICER.....	2514* INSTRUCTOR, INTERNATIONAL LAW.....
2161 OPERATIONS OFFICER, AIR FORCES.....	2517* PROFESSOR OF MILITARY SCIENCE AND TACTICS.....
2162 OPERATIONS AND TRAINING STAFF OFFICER (G-3, A-3, S-3).....	2520* TRAINING OFFICER.....
2164 AIR OPERATIONS STAFF OFFICER (G-3 AIR, S-3 AIR).....	2521* TRAINING INSPECTOR.....
2165* OPERATIONS OFFICER, GENERAL STAFF.....	2525* DIRECTOR OF TRAINING.....
2166* TACTICAL INSPECTOR.....	2527* DIRECTOR OF MEDICAL TRAINING.....
	2530* DIRECTOR OF FLYING.....
	2531* DIRECTOR OF BOMBARDIER TRAINING.....
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\*Specification appears in TM 12-406.

# Section III

## CODES, TITLES, AND SPECIFICATIONS

### DUTIES UNASSIGNED OR NOT QUALIFIED IN MOS (0001)

This special code is to be used for machine record purposes to—

a. Report present duty status of an officer who has not been given a specific duty, whether assigned to the unit or attached, unassigned.

b. Report, for completion of MOS column, the fact that the officer has not acquired an MOS. This code may be used to report absence of secondary MOS if officer has only a primary MOS.

### GENERAL OFFICER (0002)

This code is to be entered for present duty assignment and primary and secondary military occupational specialties of officers grade of brigadier general, or higher, regardless of duty assignment.

### COURIER OFFICER (0015)

Carries diplomatic and Army secret and confidential mail pouches, documents, maps, and related material; insures safe and timely delivery of messages to authorized addresses; selects most convenient route by air, motor, or ship.

Must be thoroughly familiar with precautions necessary to protect classified documents.

Military experience essential.

Civilian travel experience in foreign countries desirable.

### POSTAL OFFICER (0030)

Directs or supervises postal operations of a tactical unit or fixed installation. Establishes operating procedures for timely delivery of mail, proper disposal of undeliverable items, and settlement of problems in connection with lost, stolen, or damaged mail; sets up methods and schedules of distribution and maintains standard pouch records; makes arrangements for the accurate disposition of registered, special delivery, and insured mail; schedules assignments to adjust work loads of personnel; makes reports and recommenda-

tions for improvement of postal service; requisitions personnel and supplies; arranges for transportation of mail and provides for necessary postal guards to accompany valuable mail; supervises preparation of correspondence on various problems concerning operations. May direct the preparation of an officer and civilian directory and locator system to furnish information on location and movement of personnel. May issue permits for exemptions from regulations. May organize and operate a motor dispatch service, and supply information on amount of space available for mail directed to or from theaters of operation. May supervise processing of microfilm V-mail, checking facsimiles for quality of reproduction.

Must possess thorough knowledge of postal organization and administration and postal practices.

Experience in supervisory postal positions essential.

### SOURCE JOBS

Postmaster  
Postal Supervisor

Postal Inspector  
Mail Superintendent

### AIRCRAFT WARNING PLOTTER OFFICER (0102)

Commands and supervises a unit in observing and plotting movement of aircraft within locator or visual range; maintains liaison by radio, telephone, and other means of communication with other interceptor officers; trains observers, plotters, and other personnel.

Military experience essential, including combat tactics (Army Air Forces) and communications field experience.

Civilian experience in a supervisory or managerial capacity desirable.

### SOURCE JOBS

Air Observer  
Sound Detector

Communications Man

### AIRCRAFT WARNING OFFICER, GROUND REPORTING EQUIPMENT (0110)

Supervises the installation, operation, and maintenance of radio sets such as SCR-270, 271, 516, and

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527; inspects radio equipment and supervises repairs; advises commanding officer on radio matters pertaining to reporting equipment; trains radio section personnel; prepares requisitions for supplies and personnel; supervises the preparation of records and reports.

Military experience desirable; should have completed course in Signal Corps Aircraft Warning.

Civilian experience in radio communications or engineering desirable.

Should be college graduate with degree in electrical engineering or electronics, or with specialization in electronic physics.

### SOURCE JOBS

Electrical Engineer	Repeater Telephone Engi-
Radio Engineer	neer
Electronic Physicist	Radio Technician
Sound Research Engineer	Licensed Radio Amateur

### AIRCRAFT WARNING OFFICER, GUN LAYING AND SEARCHLIGHT EQUIPMENT (0120)

Supervises the installation, operation, and maintenance of radio sets such as SCR-268A, 296, 541, and 545. Inspects radio equipment and supervises repairs; advises commanding officer on radio matters pertaining to gun laying and searchlight equipment; trains radio section personnel; prepares requisitions for supplies and personnel; supervises the preparation of reports and records.

Military experience essential; should have completed course in Signal Corps Aircraft Warning.

Should be college graduate with degree in electrical engineering or electronics, or with specialization in electronic physics.

### SOURCE JOBS

Electrical Engineer	Repeater Telephone Engi-
Radio Engineer	neer
Electronic Physicist	Radio Technician
Sound Research Engineer	Licensed Radio Amateur

### AIRCRAFT WARNING OFFICER, AIRBORNE EQUIPMENT (0130)

Supervises the installation, operation, and maintenance of radio sets such as SCR-315, 518, 520, 521, 540, and similar sets. Inspects radio equipment and supervises repairs; advises commanding officer on radio matters pertaining to airborne equipment; trains radio personnel; prepares requisitions for supplies and personnel; supervises the preparation of all records and reports.

Military experience essential; should have completed course in Signal Corps Aircraft Warning.

Civilian experience in radio communications and radio engineering desirable.

Should be college graduate with degree in electrical engineering or electronics, or with specialization in electronic physics.

### SOURCE JOBS

Electrical Engineer	Radio Technician
Radio Engineer	Repeater Telephone En-
Electronic Engineer	gineer
Electronic Physicist	Licensed Radio Amateur
Sound Research Engineer	

### RADAR OFFICER (0140)

Supervises the location of radar equipment, selection of site, and the installation, operation, and maintenance of radar operating unit. Maintains liaison with civil authorities and interested public utilities; coordinates activities of the station with associated arms; is responsible for command, local administration, and technical operation of station. May serve as staff officer specializing in radar operations.

Military experience essential; should include Signal Corps School Radar Course.

Civilian supervisory experience in radio or telephone carrier and technical repeater work desirable.

Should have at least 2 years of college courses leading to an electrical engineering degree or other courses in radio or telephone engineering.

### SOURCE JOBS

Telephone Engineer	High Frequency Aviation
Radio Engineer	Radio Engineer
Telephone Carrier and	Electrical Design Engi-
Repeater Engineer	neer
Electrical Research En-	Radio Technician
gineer	Sound Engineer

### RADAR OFFICER, AIR (0141)

Supervises first and second echelon maintenance including repairing, testing, cleaning, adjusting, and operating all types of radar equipment used by the Army Air Forces with the exception of those types peculiar to the Aircraft Warning Service; advises unit commander regarding the employment of radar devices. May supervise field installation of radar equipment when such installation is impossible through normal channels.

Completion of Army Air Forces Technical School

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

prescribed course for Radar Officer, Air, or equivalent training essential.

College training in electrical engineering or advanced physics desirable.

This specialty was formerly designated as Radio Officer (S).

### SOURCE JOBS

Radio Engineer	Communications Engineer
Electrical Engineer	

### RADAR MAINTENANCE AND REPAIR OFFICER (0145)

Supervises repair and maintenance of radar equipment. Makes continuous tests to determine the causes of defects in equipment and methods for improving construction; determines the quantity and quality of materials required to make adequate repairs; sets up systems to obtain essential data on endurance of materials.

Must possess detailed knowledge of the nature of technical problems which occur in electrical engineering.

Must be graduate of the Army Electronics Training Center Course or a Signal Corps Radar Course.

Civilian experience in electrical engineering desirable.

College training in some branch of electrical engineering desirable.

### SOURCE JOBS

Electrical Engineer	Radio Engineer
Radio Technician	Radar Specialist

### AIRCRAFT WARNING OFFICER, FILTER (0160)

Supervises radar filter room personnel in the operation of associated radar equipment. Advises the controller on methods of operating equipment; coordinates activities of the radar filter room with activities of the Controller, Bomber Command, Navy Liaison Officer, Army Liaison Officer, Civil Aeronautics Administration, Raid Clerks, Radar Plotters.

Must pass a color vision test. Must be able to supervise filter room personnel and make quick decisions as to the probable course, speed, and objectives of enemy planes.

Military experience must include graduation from Filter Course, School of Applied Tactics, Army Air Forces.

Civilian experience involving alertness, quick thinking, and capacity to make decisions based upon quickly observed data essential.

Should be a college graduate with training in trigonometry and map reading.

### COMMUNICATIONS OFFICER (0200)

Directs or supervises the installation, operation, and maintenance of the signal communication agencies of a unit other than Signal Corps. Trains units personnel in use of communication equipment; maintains efficient communications within a unit and with attached and supported units; establishes and develops such communication agencies as wire communication, radio communication, visual signaling, message centers, and messengers; supervises the enforcement of radio silence when in effect and provides for the use of runners and mounted messengers; supervises training of personnel in radio operation and maintenance, use of codes, construction and maintenance of wire circuits, use of visual signals such as flags, flares, and rockets, and message center operation and maintenance.

Must have thorough tactical and technical knowledge to insure establishment of necessary signal communication agencies according to tactical plans; must be a specialist in Army signal communication systems.

Military experience essential and should include graduation from an officer communication school.

Trade school or college training in electrical communications desirable.

### SOURCE JOBS

Radio Repairman	Radio Technician
Wire Chief	Sound Engineer
Telephone Inspector	Radio Engineer

### SIGNAL OFFICER (0210)

Directs or supervises the construction, installation, operation, maintenance, and supply of a communication system. Supervises tactical location of communication centers and installation of facilities and equipment; prepares routine and combat orders relating to signal communications; supervises operation of signal and message facilities including wire, radio, visual, and pigeon; commands tactical operations and administration of photographic units; supervises establishment and operation of maintenance and repair facilities; provides for signal supplies and the keeping of records and reports. May perform executive, administrative, and planning functions in an overhead installation and advise commanding officer and staff on signal matters.

Must have a knowledge of the operation of a tactical

## MILITARY CLASSIFICATION AND CODING

military communication system. Should have advanced training in signal operations and be thoroughly familiar with the combat utilization of all types of Signal Corps equipment and facilities.

Military experience in staff positions essential. Should have served as a staff officer and commanded Signal Corps troops. Should be a graduate of Command and General Staff School.

Civilian experience in the management and operation of a radio, telephone, or telegraph system highly desirable.

Should be a college graduate in electrical or communication engineering.

### SOURCE JOBS

Radio Engineer	Television Engineer
Research Engineer, Communications	Electrical Engineer
Telephone Engineer	Sound Engineer

### SIGNAL OFFICER, BASIC (0215)

Supervises those functions of a field communication unit or staff organization in a lower echelon which do not require Signal Corps specialist training or experience.

Must be a graduate of the Signal Corps Officers Candidate School.

Civilian supervisory experience in electrical or mechanical communications desirable.

### MESSAGE CENTER OFFICER, FIELD (0221)

Commands a mobile message center. Directs and supervises the cryptographing and decryptographing of messages and determines the final disposition of communications violating security regulations; keeps commanding officer informed of the location and means available for transmission of messages; selects most appropriate method of transmitting messages to meet existing field conditions including the employment of runners, use of wire and radio communications, and other means available to the center; supervises training of personnel; supervises the keeping of records and the preparation of reports; supervises the requisitioning of supplies.

Must be able to read maps and aerial photographs. Should have a thorough knowledge of Army organization.

Military experience essential.

Civilian supervisory experience in radio, telephone, or telegraph traffic analysis, and in handling correspondence and messages desirable.

Training in business administration desirable.

### SOURCE JOBS

Office Supervisor	Communications Man
Radio Operator	

### MESSAGE CENTER OFFICER, CRYPTOGRAPHIC (0224)

Directs and supervises a cryptographic unit in a message center: supervises the cryptographing and decryptographing of messages; provides for storage and classification of cryptographic material; examines messages for violation of cryptographing security; supervises preparation of reports and keeping of records.

Military training in cryptography essential.

Civilian experience supervising clerical workers desirable.

Training in business administration desirable.

### SOURCE JOBS

Office Supervisor	Communications Man
Radio Operator	

### RADIO INTELLIGENCE OFFICER (0225)

Commands a radio intelligence organization in the interception of enemy radio traffic, location of enemy radio stations and monitoring of friendly radio stations. Forwards intercepted enemy radio traffic and radio bearings to higher headquarters; makes recommendations for security of friendly radio communications.

Should have a thorough knowledge of International Morse Code.

Military training in radio intelligence work essential; should be a graduate of Signal Corps Radio School and Signal Corps company officers' course.

Civilian experience in radio communications and engineering desirable.

### SOURCE JOBS

Radio Engineer	Communications Engineer
Electrical Engineer	Radio Operator

### PIGEON OFFICER (0240)

Commands and supervises a signal pigeon unit. Supervises the breeding, care, training, and use of homing pigeons as messengers; coordinates loft training and facilities with the training requirements of troops; trains loft personnel; provides facilities for troop training; keeps records and prepares reports.

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

Should be thoroughly acquainted with the tactical employment and limitations of pigeons used by the several branches of the Army. Should know the various types of homing pigeons needed, the kind of strains used by other governments, and the reliability and flying speeds of homing pigeons under various climatic conditions.

Military training at Signal Corps school essential.  
Civilian experience in pigeon breeding essential.

### SOURCE JOBS

Pigeon Breeder                      Fancier

### TELEPHONE AND TELEGRAPH MAINTENANCE OFFICER (0260)

Supervises the repair and maintenance of telephone, telegraph, and teletypewriter signal equipment. Observes operating performance of equipment and refers data to higher echelons for the use of design engineers; improvises substitutes to meet demands of specific field conditions; supervises repairs and field tests; requisitions replacement parts, tools, and other maintenance items; trains personnel in prescribed procedures.

Must know permissible substitutes for equipment parts and be skillful in improving repairs in the absence of standard equipment.

Military experience in field operation of such equipment essential; should have completed a Signal Corps company officers' specialist course.

Civilian experience in maintenance and repair of communication equipment essential.

### SOURCE JOBS

Telephone or Telegraph Repairman

### TELEPHONE AND TELEGRAPH OFFICER (0400)

Directs or supervises personnel engaged in the construction, installation, operation, and maintenance of telephone and telegraph facilities and equipment in a military communication system. Coordinates the activities of the wire, switchboard, and teletypewriter crews; supervises the preparation of operating schedules so that the system will be adequately staffed at all times; supervises the maintenance of both inside and outside plant equipment; supervises the training of personnel; requisitions materials and personnel for the unit.

Military training and experience essential; should include company officers' specialist course at Signal Corps Officers School or equivalent experience.

Civilian supervisory experience in construction and installation of a telephone or telegraph system desirable.

College degree in communications or electrical engineering desirable.

### SOURCE JOBS

Communications Engineer              Telephone or Telegraph  
Electrical Engineer                      Repair Man

### TELEPHONE AND TELEGRAPH OFFICER, INSIDE PLANT (0410)

Directs or supervises personnel engaged in the installation, operation, and maintenance of telephone and telegraph inside plant equipment. Coordinates the activities of wire, switchboard, and teletypewriter crews to insure proper functioning of the station; inspects equipment to forestall trouble and to locate faulty equipment; supervises adjustments and repairs; trains operating personnel in the use and care of equipment; requisitions material and personnel.

Military training and experience essential; should include company officers' specialist course at Signal Corps School.

Supervisory experience in installation or maintenance of inside equipment in commercial telephone or telegraph system very desirable.

College training in communication engineering desirable.

### SOURCE JOBS

Wire Chief                              Traffic Engineer  
Equipment Engineer                      Telephone or Telegraph  
Chief Deskman                              Installation Engineer

### TELEPHONE AND TELEGRAPH OFFICER, FIELD LINE CONSTRUCTION (0420)

Commands and supervises personnel engaged in the construction and maintenance of telephone and telegraph field lines in combat areas, as directed by communication officer. Locates field lines to meet the needs of the combat unit; trains operating personnel in the use and care of equipment and directs the activities of repair crews; inspects field equipment to forestall faulty operations; supervises replacement of faulty equipment; prepares requisitions for personnel and matériel.

Military training essential. Should have completed a Signal Corps company officers' specialist course.

Civilian supervisory experience in construction and

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maintenance of commercial wire communications desirable.

Vocational or technical school training desirable.

### SOURCE JOBS

Radio Engineer  
Radio Operator

Radio Maintenance Supervisor

### SOURCE JOBS

Telephone and Telegraph Line Foreman      Telephone and Telegraph Construction Foreman

### TELEPHONE AND TELEGRAPH OFFICER, OUTSIDE PLANT (0430)

Commands and supervises personnel engaged in the construction and maintenance of outside telephone and telegraph facilities of commercial types for military purposes including open wire pole line, aerial cable, buried cable, and wire lines. Lays out construction work; organizes and directs construction and repair crews; trains personnel in line construction and cable splicing; prepares periodic reports on repair and construction work progress; prepares requisitions for matériel and personnel.

Military experience including Signal Corps company officers' specialist course very desirable.

Civilian supervisory experience in the construction and maintenance of long lines outside plant desirable.

Should be graduate of vocational or technical school; graduation from communication engineering school desirable.

### SOURCE JOBS

Superintendent of telephone or telegraph company.      Communications Engineer.

### RADIO OFFICER (0500)

Commands and supervises a field radio unit or fixed radio station. Directs the location installation, operation, and maintenance of stationery, mobile, or portable radio equipment; inspects equipment to forestall operating difficulties; requisitions maintenance and repairs to be performed by higher echelons; trains personnel in radio operation and maintenance, preparation of requisitions for matériel and personnel, and maintenance of records and reports. May serve as staff officer on radio matters.

Military experience should include a Signal Corps company officers' specialist course.

Civilian experience in amateur or commercial radio operation desirable.

Should be graduate of vocational or technical school; degree in electrical engineering or radio communication desirable.

### RADIO OFFICER, FIELD (0501)

Commands and supervises a radio field unit. Supervises the location, installation, operation, and maintenance of mobile or portable radio equipment; inspects radio equipment and supervises maintenance work performed by the unit; trains unit personnel; prepares requisitions for matériel and personnel; supervises the maintenance of records and reports. May serve as staff officer on radio matters.

Military experience in Signal Corps communications desirable, including completion of radio course.

Civilian experience in amateur or commercial radio operation very desirable.

Should be graduate of vocational or technical school; degree in electrical engineering or radio communications desirable.

### SOURCE JOBS

Radio Engineer  
Radio Operator

Radio Maintenance Supervisor

### RADIO OFFICER, FIXED STATION (0502)

Commands and supervises the construction, installation, operation; or maintenance of a fixed radio station. Supervises the handling of radio communications; supervises the inspection of equipment to forestall faulty operation; directs the preparation of requisitions for matériel and personnel; supervises maintenance work handled by the unit and requisitions maintenance and repairs performed by higher echelons; trains personnel; supervises the preparation of records and reports.

Military experience should include a Signal Corps company officers' specialist course.

Civilian experience in amateur or commercial radio operation desirable.

Should be a vocational or technical school graduate; college training in electrical engineering or radio communication desirable.

### SOURCE JOBS

Radio Engineer  
Radio Operator

Radio Maintenance Supervisor

### RADIO OFFICER, VHF (0503)

Commands and supervises a VHF radio unit. Installs, operates, and maintains very high frequency

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

radio equipment used to monitor aircraft; supervises the selection of site and the location of radio direction finding equipment; coordinates the activities of the station with attached intercept units; maintains liaison with civilian authorities and interested public utilities; inspects and tests equipment; supervises the preparation of requisitions for supplies and equipment.

Military experience in communications desirable. Should be graduate of a Signal Corps company officers' radio specialist course with specialized training in VHF equipment.

Civilian experience in radio and radio telephone design and operation desirable.

Should be vocational or technical school graduate. College training in communication engineering desirable.

### SOURCE JOBS

Radio Engineer	Airlines Communication
Telephone or Telegraph	Engineer
Carrier and Repeater	
Engineer	

### RADAR OBSERVER, NIGHT FIGHTER (0520)

Operates and performs first echelon maintenance on radio sets and equipment SCR-720/520, SCR-540, SCR-729, SCR-595/695.

Must be physically qualified for combat flight duty, nonpilot.

Completion of basic technical training course for Radar Observer, Night Fighter, under the Army Air Forces Training Command, followed by operational training for this specialty at the Army Air Forces School of Applied Tactics, together with completion of Army Air Forces Gunnery School or operational training as an aerial gunner essential.

This specialty was formerly designated as Radio Observer (I).

### MOTOR TRANSPORT OFFICER (0600)

Supervises operation, inspection, and maintenance of motor vehicles in a unit. Supervises training in operation, minor maintenance, and tactical employment of vehicles; makes inspections to determine condition of vehicles and insure proper preventive maintenance; anticipates maintenance requirements and keeps informed of location of facilities for major repair and parts supply; assigns tasks and dispatches vehicles; directs or supervises movement of vehicles in convoy operations; supervises hauling of supplies from distribution points to unit dumps or warehouses and between points within the unit; advises commanding officer on motor transport problems; keeps records on

equipment and supplies and performs other administrative duties; is responsible for prompt and safe delivery of passengers or cargo. May command a section in division trains.

Should be familiar with fuel and parts supply, operation and driver maintenance of passenger vehicles, cargo trucks, trailers, and weapon carriers. Completion of motor school course in arm or service to which assigned is desirable.

Civilian experience in the management of a motor-transportation service involving problems of supply, dispatch, and maintenance of automotive equipment is desirable.

### SOURCE JOBS

Automobile Mechanic	Motor Traffic Manager
Automobile Service	Motor Freight Dispatcher
Manager	or Manager

### WHEEL VEHICLE MAINTENANCE OFFICER (0605)

Supervises wheel vehicle maintenance and repairs which do not require machine shop facilities. Supervises the basic and advanced instruction of vehicle drivers and the basic, technical, and tactical training of motor maintenance personnel; assigns repair tasks and supervises their performance; makes inspections to determine repair or replacement requirements and adequacy of repairs accomplished; keeps informed of location and availability of facilities for machine shop repair and motor parts supply operated by higher echelons; maintains stock records and requisitions supplies and replacement parts; keeps records of maintenance operations and prepares reports; makes recommendations for improvement of motor maintenance and transport operations.

Should be familiar with fuel and parts supply, operation, and minor repair of wheel vehicles. Must be able to supervise groups of men engaged in the "stripping down" of motor vehicles, the salvaging and reconditioning of interchangeable parts with the use of hand tools, and the reassembling of vehicles with replacement parts.

Military experience essential. Should have motor school training in arm or service to which assigned.

Civilian experience as automotive mechanic or shop foreman and automotive trade school training desirable.

### SOURCE JOBS

Automobile Mechanic	Garage Foreman
Automobile Service Manager	

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### TRACK VEHICLE MAINTENANCE OFFICER (0606)

Directs or supervises wheel and track vehicle maintenance and repairs which do not require machine shop facilities. Organizes crews and instructs personnel in maintenance of vehicles of unit; assigns repair tasks, supervises their performance, and makes inspections to determine quality of work; determines expedients to be used in emergency repairs in the field, and supervises repair crews; keeps informed of location and availability of facilities for machine shop repair and motor parts supply operated by higher echelons; inspects vehicles periodically and keeps a detailed record of the condition of each vehicle; keeps detailed record of spare parts and tool supply and submits requisitions for needed parts and tools; supervises care of tools; makes inspections of maintenance work performed in subordinate units.

Must be familiar with all echelons of repair and have a knowledge of the capabilities of each echelon.

Military experience essential. Must have completed Armored School tank maintenance course or have equivalent in practical experience. Should have considerable tactical experience with the type of unit to which assigned.

Several years civilian experience in motor vehicle maintenance desirable.

#### SOURCE JOBS

Automobile Mechanic      Garage Foreman  
Automobile Service Manager

### TRAFFIC CONTROL OFFICER (0607)

Directs and plans traffic control of military movements in specified areas in accordance with tactical requirements, to prevent road congestion and insure safety and free movement of traffic. Issues necessary regulations, procedures, and circulation maps for the proper execution of prescribed traffic plans; supervises traffic movements and makes recommendations on traffic control and road improvements; investigates vehicular accidents, determines their causes, and institutes corrective measures; collects data necessary to formulate adequate control plan and makes field reconnaissance when necessary; maintains liaison with other staff officers and makes suggestions to engineers regarding road construction and placement of traffic control devices. May assist civil authorities in traffic control when troop movements are in progress.

Military experience desirable.

Civilian experience should include practical experi-

ence in handling traffic movements, preferably with a traffic division of a large municipal police department.

#### SOURCE JOBS

Police Traffic Officer      Traffic Engineer  
Traffic Inspector

### STABLE OFFICER (0631)

Supervises the grooming, feeding, exercising, treating, conditioning, and training of horses and mules; supervises training of enlisted personnel; supervises general stable management and maintenance of equipment; directs preparation of requisitions for supplies and keeping of supply records.

Military experience essential. Should include 6 months' experience in military horsemanship or animal husbandry.

Civilian experience in handling, conditioning, training, feeding, and treating of horses desirable.

#### SOURCE JOBS

Horseman      Horse Trainer  
Horse Breaker, Draft or      Horse Wrangler  
Saddle      Horseman, Show  
Horse Breeder

### PACK OFFICER (0632)

Commands and supervises personnel engaged in transporting military equipment and supplies by pack animals. Supervises the care, conditioning, feeding, and training of the horses and mules of the unit; supervises the segregation, allocation, and adjustment of loads to insure pack transportation efficiency; keeps unit records on pack operations and supervises the supply of the unit; inspects unit equipment and matériel for proper maintenance.

Must have a knowledge of animal husbandry and be thoroughly familiar with the fundamentals of pack transportation.

Military training in remount duties essential.

Civilian experience as a packer or guide with dude ranch operators, expeditions, and similar enterprises requiring the use of pack animals desirable.

#### SOURCE JOBS

Packer      Guide, animal pack transportation  
Forest Ranger

### TRUCK OFFICER (0660)

Commands a truck unit and is responsible for hauling cargo and for movement of troops by motor

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

transport. Instructs and supervises personnel in truck and convoy operation, maintenance and tactical employment of motor vehicles, and in methods of loading cargo and distribution of loads; prepares schedules and supervises assignments of tasks and dispatching of vehicles to insure timely and safe delivery of cargo and personnel; is responsible for administration, transportation, supply, and security of unit.

Must be thoroughly familiar with the operation, maintenance, and employment of such motor transport equipment as six-wheeled vehicles, truck tractors, trailers, and semitrailers.

Military experience including completion of motor school essential.

Broad civilian experience in transportation of merchandise by motor transport essential.

### SOURCE JOBS

Motor Fleet Operator      Dispatcher, Motor Freight

### CAR OFFICER (0661)

Commands a car unit and is responsible for providing motor vehicles for passenger transportation and messenger service for headquarters. Instructs and supervises personnel in operation, minor maintenance, and tactical employment of vehicles; conducts regular inspections to determine condition of vehicles and to insure compliance with preventive maintenance measures; prepares schedules and issues instructions for the assignment of tasks and the dispatching of vehicles; supervises preparation of unit reports and is responsible for administration, tactical and technical training, supply, transportation, and security of unit.

Must be thoroughly familiar with operation, driver maintenance, and fuel and parts supply of passenger vehicles.

Military experience including completion of a course in motor school essential.

Civilian supervisory experience in motor transportation including maintenance and supply problems very desirable.

### SOURCE JOBS

Manager, automobile Service Manager, automotive  
rental agency  
Dispatcher, buses and tax-  
icabs

### DUMP TRUCK OFFICER (0662)

Commands a dump truck unit and is responsible for its administration, training, supply, transportation,

equipment, security, and tactical employment in the transportation of road metal and other bulk materials in connection with engineer operations such as highway, railroad, and bridge construction. Selects and supervises motor park; provides for storage maintenance of equipment; repairs roads near motor park; directs convoy movements to site of operations; moves bulk material as directed from engineer supply dumps or from local resources to the site of operations; augments the facilities of general engineer troops in the shuttling of materials to and from the site of operations.

Must be familiar with the maintenance and employment of such equipment as dump trucks, cargo trucks, and carpenter and wheelwright sets. Must be able to direct groups of men engaged in the loading and hauling of such bulk materials as gravel, crushed rock, planks, railroad ties, rails, road metal, and demolition materials.

Military experience including training in the use of small arms essential. Should have completed courses at an Engineer Officers School.

### SOURCE JOBS

Truck Loader      Truck-Tractor Driver

### AMPHIBIAN TRUCK OFFICER (0668)

Commands and supervises an amphibian truck unit employed in the delivery of supplies in ship-to-shore or river crossing operations. Trains personnel in use of small arms, and maintenance and operations of amphibian trucks; supervises the inspection and repair of amphibian trucks; supervises loading, unloading, and the stowing of amphibian trucks aboard ships; supervises ship-to-shore operation of amphibian trucks to supply distribution points and return; takes inventories of all stores and materials; requisitions supplies and repairs.

Should be familiar with fuel and parts supply, operation and maintenance of amphibian trucks. Knowledge of inboard motorboats and other small craft very desirable.

Military experience, including completion of amphibian truck motor school, essential.

Civilian experience in the management of a motor transportation service involving problems of supply, dispatch, and maintenance of automotive equipment desirable.

### SOURCE JOBS

Automobile Service Man- Bus or Motor Freight Dis-  
patcher  
Manager, Motor Freight

## MILITARY CLASSIFICATION AND CODING

### STEVEDORE OFFICER (0804)

Supervises the loading and unloading of ships, tankers, lighters, barges, and the shipside handling of cargoes. Reviews loading and unloading schedules, quantity and type of cargo to provide necessary crews for operations; insures the orderly and efficient handling of cargo; supervises the maintenance of files and records of stevedore operations as prescribed in regulations and operating agreements for merchant seamen; contacts commercial agents and contractors to furnish personnel; prepares reports. May supervise loading and unloading operations in connection with amphibian engineer and amphibian truck operations.

Must have considerable knowledge of loading and stowage of cargoes and regulations concerning stevedore personnel.

Civilian experience as gang boss or stevedore foreman in charge of loading and discharging of steamships essential.

### SOURCE JOBS

Marine Pier Supervisor      First Officer, Cargo Ship  
Longshoreman Supervisor      Hatch Foreman

### MASTER OR MATE\* (0820)

Directs the navigation, repair, and maintenance of various types of boats and is responsible for the safety, conduct, and training of all technical personnel. Supervises crew in navigating, manning guns, and maintaining ship's equipment; inspects ship to insure proper stowage of cargo and equipment, and fitness for operations; supervises arrangements of deck machinery; inspects conditions; plots prescribed course from maps and maintains a chart of location; keeps a log of operations; prepares specifications for repair and maintenance work; directs communications between ships and ship-to-shore. May perform additional duties in connection with operations of mine planters or crash boats.

Must possess thorough knowledge of navigation principles, care of seagoing vessels, marine transportation routes, and mechanical operation of ships and their equipment.

Must have civilian experience as Master or Mate.

### MARINE ENGINEER (0823)

Directs or supervises activities of a ship's engine room crew. Supervises repairs and operations of engines, pumps, injectors, condensers, boilers, electrical

equipment, refrigerating and sanitary equipment, deck machinery and steam connections aboard ship; starts, stops, and controls speed of power equipment; ascertains that correct water level is maintained in boilers; keeps a log of performance of equipment on voyage; supervises the rigging of emergency repairs at sea and permanent minor repairs when laid up in port; oversees fueling of ship; requisitions engine room supplies and keeps inventories; stands watch in engine room. May operate steam or Diesel engines.

Civilian experience in marine engine room supervision and the operation and maintenance of mechanical equipment aboard ships essential.

### SOURCE JOBS

Chief Marine Engineer      Assistant Marine Engineer

### SMALL BOAT UNIT COMMANDER (0825)

Commands a unit of crash boats, harbor craft, or other small boats. Supervises operations of tugboats, motor tow boats, marine tractors, floating cranes, cargo barges, oil barges, ferryboats, small tankers, freighters, and passenger vessels; assigns crews for operating shifts and issues orders to crews; inspects tugs and equipment and oversees loading of cargo barges; plans towing procedures and hook-ups; directs the placing and moving of floating cranes and supervises crews in rigging and operating the crane; keeps log of tug and barge movements and conditions; requisitions supplies; prepares reports of unit activities and is responsible for its administration, training, supply, equipment, transportation, and security. May perform similar functions in the operation of crash boats employed in rescue of flying personnel and salvage of aircraft. May command platoon or company of harbor craft or small boats.

Must be able to supervise work of military or civilian personnel employed as marine engineers, masters, and mates of harbor vessels, marine tractor drivers, ship's carpenters, cargo foremen, deckhands, ship's electricians, oilers, pipefitters, and welders.

Civilian experience in tug, barge, and lighterage operations on inland waterways or in harbors essential.

### SOURCE JOBS

Tug Master      Harbor Master  
Barge Crane Captain      Barge Captain

### FERRYING OPERATIONS OFFICER (0902)

Directs or supervises ferrying of aircraft from point of manufacture to destinations. Receives

\*Use appropriate title.

## **OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

orders to obtain aircraft from manufacturers and deliver planes to a destination; assigns and briefs flight crews to pick up planes and deliver to domestic or foreign zone; directs and supervises training of all pilots under his command; determines special instruction required for various types of operations; supervises instruction in the characteristics and operation of military aircraft, in navigation, and in meteorology.

Must have ability to plan and organize large scale air operations and sufficient military experience to handle organizational matters and procedures. Must be thoroughly familiar with all types of aircraft and their operation, including the most advanced models.

Military flying experience as flight commander or operations officer very desirable.

Should have executive experience in industrial or commercial airlines operation.

Should have college education or equivalent in practical experience.

### **AIR TRANSPORT UNIT COMMANDER (0905)**

Commands an air transport unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs transport by air of supplies and equipment in areas where long and difficult lines of communication make other means of transportation inadequate or unsatisfactory.

Must possess qualifications to be prescribed by Commanding General, Army Air Forces.

### **TROOP CARRIER UNIT COMMANDER (0907)**

Commands a troop carrier unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat operations, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs transportation of airborne troops, paratroopers, or other groups that must be transferred from one locality to another for combat purposes.

Must possess qualifications to be prescribed by Commanding General, Army Air Forces.

### **WEIGHT AND BALANCE OFFICER (0911)**

Controls weight and balance of aircraft under jurisdiction of an Army Air Forces organization or installation, determining that they are properly loaded and authorizing their release for flight. Maintains records of weight and balance status of aircraft; recalculates weight and balance or reweighs airplane after all

changes and repairs are completed and reweighs all aircraft at least once each year; trains pilots in use of the balance computer and loading graph; arranges for certifications of scales under his jurisdiction by a competent inspector of weights and measures at stipulated intervals; ascertains by inspection that plane is actually loaded in accordance with balance calculations.

Must be a graduate of Army Air Forces Weight and Balance School.

### **SERVICE PILOT, SINGLE-ENGINE (0915)**

Operates a single-engine airplane to ferry Army aircraft or to transport freight or military personnel. Receives instructions and information regarding route, landing places to be used, weather forecasts, radio facilities, and hazards; examines airplane by visual and test inspection and sees that passengers are equipped with parachutes or that cargo is properly stowed so that it will not shift or interfere with aircraft balance; navigates airplane, using standard instruments and radio aids; flies along the course of radio beam signals and uses both commercial and military landing fields; reports by radio progress or completion of mission and prepares written reports of fuel consumption, functioning of plane and equipment, hours flown, and other pertinent observations.

Must have complete knowledge of flying regulations as prescribed by Civil Aeronautics Authority.

Must hold Civil Aeronautics Authority license and should have Civil Aeronautics Authority instrument rating.

### **SERVICE PILOT, TWO-ENGINE (0916)**

Operates a two-engine airplane to ferry Army aircraft or to transport freight or military personnel. Receives instructions and information regarding route, landing places to be used, weather forecasts, radio facilities and hazards; examines airplane by visual and test inspection and sees that passengers are equipped with parachutes or that cargo is properly stowed so that it will not shift or interfere with aircraft balance; navigates airplane, using all standard instruments and radio aids; flies along the course of radio beam signals and uses both commercial and military landing fields; reports by radio progress or completion of mission and prepares written reports of fuel consumption, functioning of plane and equipment, hours flown, and other pertinent observations.

Must have complete knowledge of flying regulations as prescribed by Civil Aeronautics Authority. Must have Civil Aeronautics Authority license and should have Civil Aeronautics Authority instrument rating.

## MILITARY CLASSIFICATION AND CODING

### SERVICE PILOT, FOUR-ENGINE (0917)

Operates a four-engine airplane to ferry Army aircraft or to transport freight or military personnel. Receives instructions and information regarding route, landing planes to be used, weather forecasts, radio facilities, and hazards; examines airplane by visual and test inspection, and sees that passengers are equipped with parachutes or that cargo is properly stowed so that it will not shift or interfere with aircraft balance; navigates airplane, using all standard instruments and radio aids; flies along the course of radio beam signals, and uses both commercial and military landing fields; reports by radio progress or completion of mission and prepares written reports of fuel consumption, functioning of plane and equipment, hours flown, and other pertinent observations.

Must have complete knowledge of flying regulations as prescribed by Civil Aeronautics Authority. Must have Civil Aeronautics Authority license and should have Civil Aeronautics Authority instrument rating.

### AIR BASE COMMANDER (1013)

Directs and supervises efficient operation and management of the base and its activities. Directs operation of flying field, the movement of aircraft to and from the field, and provides for efficient service for aircraft using base facilities; determines needs of the base and arranges for proper protection, sanitation, supply, transportation, housing, construction and maintenance, administration of base activities, and morale and well being of unit personnel.

Must be thoroughly familiar with all phases of a military flying field operations and the management of a military post. Should have executive ability to handle large scale operations.

Military experience as a flying officer essential.

Civilian experience as airport manager very desirable.

Should have college training in public or business administration.

### CONTROLLER, FIGHTER INTERCEPTION (1014)

Directs interception of enemy air raids reported directly or through an air warning service. Instructs friendly fighter planes as to place, time, and altitude to meet attacking aircraft; determines whether anti-aircraft defenses are to handle partial or total defenses; keeps informed on location, speed, direction, and altitude of friendly planes and assist them in returning to their own or other friendly airdromes after mission; supervises work of central area control room.

Must be thoroughly familiar with types, speed, and capabilities of friendly fighter aircraft and enemy bombardment aircraft. Must understand the employment of antiaircraft artillery. Must be able to evaluate relative strength of enemy air attacks and determine number and types of planes necessary to meet them successfully.

Experience as operations officer of a fighter unit very desirable.

### BOMBER PILOT, SINGLE-ENGINE (1021)

Pilots single-engine bombardment aircraft and commands crew in the accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and hazards such as adverse weather, enemy attack, strafing and low-altitude flying, and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks.

Must have completed flight training required by an Army Air Forces training center or have been rated by the Commanding General, Army Air Forces, based upon equivalent experience obtained in civilian or military aircraft.

### BOMBER PILOT, TWO-ENGINE (1022)

Pilots two-engine bombardment aircraft and commands crew in the accomplishment of offensive missions against the enemy. Ascertains, prior to mission, that aircraft has been properly inspected by crew members; takes off, operates, and lands airplane under varying flying conditions and such hazards as adverse weather, enemy attack, and low-altitude and night flying; maintains flight records and reports observations made during mission.

Must have thorough knowledge of general and local flying regulations and meteorology. Must know tactics used against various types of objectives and against hostile fighter attacks. Must meet prescribed physical standards.

Must have completed flight training required at an Army Air Forces training center or have been rated by the Commanding General, Army Air Forces, based upon equivalent experience obtained in civilian or military aircraft.

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### **FIGHTER PILOT, SINGLE-ENGINE (1055)**

Operates a single-engine fighter aircraft to obtain air superiority over enemy in order to free other combat units to carry out their missions. Supervises servicing of plane and checks fuel supply, guns and ammunition, and functioning of plane; receives instructions regarding mission, route, formation, altitude, weather conditions, and other information; takes off singly or in formation and accomplishes mission by offensive action, although usually avoiding combat; loads and fires fixed guns; flies on strafing, interceptor, patrol, escort, or protective missions. May fly night missions with use of day fighter equipment, especially in coordination with searchlights.

Must be able to take off and land rapidly under extreme conditions of weather or combat, to fly all types of formations, to execute all offensive and defensive tactics against hostile air and surface forces, and to identify hostile and friendly aircraft and equipment.

Must be familiar with meteorology and general and local flying regulations. Must meet prescribed physical standards.

Must have completed flight training at an Army Air Forces training center.

### **FIGHTER PILOT, TWO-ENGINE (1056)**

Operates a two-engine fighter aircraft to obtain air superiority over enemy in order to free other combat units to carry out their missions. Supervises servicing of plane and checks fuel supply, guns and ammunition, and functioning of plane; receives instructions regarding mission, route, formation, altitude, weather conditions, and other information; takes off singly or in formation and accomplishes mission by offensive action, although usually avoiding combat; loads and fires fixed guns; flies on strafing, interceptor, patrol, escort, or protective missions. May fly night missions with use of day fighter equipment, especially in coordination with searchlights.

Must be able to take off and land rapidly under extreme conditions of weather or combat, to fly all types of formations, to execute all offensive and defensive tactics against hostile air and surface forces, and to identify hostile and friendly aircraft and equipment. Must be familiar with meteorology and general and local flying regulations. Must meet prescribed physical standards.

Must have completed flight training at an Army Air Forces training center.

### **NIGHT FIGHTER PILOT, TWO-ENGINE (1058)**

Operates two-engine night fighter aircraft to obtain air superiority over enemy in order to free other combat units to carry out their missions. Supervises servicing of plane and checks fuel supply, guns and ammunition, and functioning of plane; receives instructions regarding mission, route, altitude, weather conditions, and other information; flies by contact and instrument and executes interception missions by means of airborne radio equipment.

Must be able to take off and land rapidly under extreme conditions of weather or combat, to fly all types of formations, to execute all offensive and defensive tactics against hostile air and surface forces, and to identify hostile and friendly aircraft and equipment. Must be familiar with meteorology and general and local flying regulations. Must meet prescribed physical standards.

Must possess maturity of judgment and evenness of temperament. Training in use of airborne radio equipment essential.

### **BOMBARDMENT UNIT COMMANDER (1060)**

Commands a heavy, medium, or light bombardment unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; supervises preparation of plans for combat missions including destruction of enemy installations, troops and supply concentrations, naval vessels, and other suitable targets; provides for proper briefing of air crews; reports results of missions to higher headquarters.

Must possess qualifications to be prescribed by Commanding General, Army Air Forces.

### **FIGHTER-BOMBER UNIT COMMANDER (1063)**

Commands a unit equipped with fighter-bomber aircraft and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat; evaluates intelligence, estimates situations, formulates decisions, and maintains communications; supervises preparation of plans for operations in support of ground forces and to attack such targets as naval vessels, small bridges, artillery emplacements, and points of concentration of troops and matériel; provides for proper briefing of air crews; reports results of missions to higher headquarters.

## MILITARY CLASSIFICATION AND CODING

Must possess qualifications to be prescribed by Commanding General, Army Air Forces.

### FIGHTER UNIT COMMANDER (1065)

Commands a day or night fighter unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs unit in defense of an area or installation, in support of air attack, or in support of ground forces; supervises preparation of plans for tactical missions; provides for proper briefing of air crews; reports results of missions to higher headquarters.

Must possess qualifications to be prescribed by Commanding General, Army Air Forces.

### FIGHTER CONTROL UNIT COMMANDER (1068)

Commands a fighter control unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs the control of interception of enemy raids in connection with active air defense; keeps track of friendly planes by means of direction-finding system; directs installation, operation, and maintenance of very high frequency radio equipment and fighter-control plotting equipment.

Must possess qualifications to be prescribed by Commanding General, Army Air Forces.

### COMPOSITE UNIT COMMANDER, AIR (1070)

Commands a unit composed of Army Air Forces tactical units of more than one type such as fighter or bomber squadrons, and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications.

Must possess qualifications to be prescribed by Commanding General, Army Air Forces.

### RECONNAISSANCE UNIT COMMANDER, AIR (1071)

Commands an Army Air Forces reconnaissance unit and is responsible for its administration, training, and

tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, and maintains communications; directs unit in obtaining by visual or photographic means information concerning the enemy and returning such information for exploitation; provides for proper briefing of air crews; reports results of reconnaissance missions.

Must possess qualifications to be prescribed by Commanding General, Army Air Forces.

### PHOTOMAPPING UNIT COMMANDER, AIR (1072)

Commands a photomapping unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; provides photographic information, either positive or negative, concerning location and extent of enemy installations, supplies, vehicles, and troops. May direct the preparation of charts, maps, and map missions.

Must possess qualifications to be prescribed by Commanding General, Army Air Forces.

### AIR SUPPORT COMMUNICATION UNIT COMMANDER (1073)

Commands an air support communication unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; provides communication personnel and equipment for bombardment units engaged in air support operations; directs radio and teletype communication by air support parties which comprise the unit.

Must possess qualifications to be prescribed by Commanding General, Army Air Forces.

### AIRWAYS COMMUNICATION UNIT COMMANDER (1074)

Commands an airways communication unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; provides for technical supervision of a control region of the Army Airways Communication System; supervises personnel in providing airways communication, weather communication, and airdrome communication facilities within control area.

Must possess qualifications to be prescribed by Commanding General, Army Air Forces.

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

searchlights in particular areas and is responsible for the illumination of targets operating within effective range of lights; determines employment of searchlights as barrier, searching, or illuminating lights; supervises maintenance and care of searchlights, power plants, and sound locators; coordinates sound detector and searchlight work for most effective operation; directs training of unit in sound detection and searchlight techniques.

Must have thorough knowledge of tactical and technical operations of searchlights, searchlight direction and control, and sound detection, and be able to supervise work of azimuth and elevation listeners and controllers, searchlight operators, power plant operators, acoustic corrector operators, and telephone operators. Should be familiar with naval and air formations and tactics and with characteristics of various type of vessels and airplanes.

Military experience with specialized knowledge of searchlights, searchlight direction and control, sound and illumination phenomena, and completion of searchlight officer course essential.

### SUBMARINE MINE UNIT COMMANDER (1143)

Commands a mine unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of organization; directs and controls tactical employment of organization in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; coordinates Army and Navy operations in planning, installing, maintaining, and conducting underwater defense elements of harbors; directs location of mine fields and decides number, sizes, and types of mines to be used; directs location of searchlights and guns for protection of mine fields; renders mine fields safe for passage by friendly vessels; determines and prescribes laying of obstacles other than mines, such as nets, booms, and piles; directs functioning of range unit in detecting and plotting location of hostile seacraft; directs control and type of fire used in defense such as contact fire, delayed contact fire, and observation fire; directs training of unit in submarine mine techniques.

Must have thorough knowledge of tactical and technical operations of submarine mines, electrical control apparatus, and methods of planting and controlling mine field. Should be familiar with naval formations and tactics and with characteristics of various types of naval vessels, and have knowledge of mathematics through trigonometry.

Military experience with special knowledge of submarine mines and graduation from coast artillery officer school essential.

### SOUND AND FLASH OBSERVATION UNIT COMMANDER (1154)

Commands a sound and flash observation unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs and supervises surveys to locate accurately flash observation posts, to lay out the straight lines for locating sound ranging microphones, and to establish topographic control between flash observation posts or sound ranging microphones and control points; confers with other ranging officers to receive general instructions regarding the location and lay-out of the proposed ranging system; supervises the survey crew in making surveys and checks the survey notes and computations to determine that the traverse and position finding surveys have been accurately made; transmits completed maps and charts, with computations, to fire direction centers for use in computing fire control data.

Must be skilled in the use of surveying equipment and have thorough knowledge of methods and techniques used to locate positions for flash observation posts and sound pick-up microphone locations.

Military experience essential. Should include completion of a course in sound and flash ranging at field artillery school and experience in an observation unit.

College degree in civil engineering desirable.

### COAST ARTILLERY OFFICER, STAFF (1159)

Advises commander and staff on coast artillery matters in harbor defense or other coastal area. Directs training of coast artillery unit; prepares plans for use and allotment of coast artillery units; coordinates searchlight and other observation, signal communication, and liaison within coast artillery; supervises supply of meteorological data for coast artillery; determines requirements, recommends apportionment, and supervises distribution of coast artillery ammunition; coordinates fire of coast artillery subordinate units; plans coast artillery missions to be performed by observation aviation; collects and disseminates information pertaining to hostile naval formations through coast artillery and aviation observation agencies.

Must have thorough knowledge of coast artillery tactical and technical operations. Should be familiar with naval formations and tactics, and with characteristics of various types of naval vessels. Knowl-

## MILITARY CLASSIFICATION AND CODING

edge of mathematics through trigonometry desirable.

Military experience, with wide experience in command of coast artillery units and graduation from coast artillery officer school essential. Should have completed courses at Command and General Staff School.

College education in the field of civil engineering desirable.

### HARBOR DEFENSE UNIT COMMANDER (1160)

Commands a harbor defense organization and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of organization; directs and controls tactical employment of organization in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; prepares complete harbor defense plans and coordinates plans with naval units; directs organization in defense of harbors, naval bases, seaports, anchorages, beaches, and utilities against sea, air, and land attack; directs maintenance of harbor defense armament, auxiliary apparatus and equipment such as fixed and mobile seacoast artillery, antiaircraft artillery, searchlights, submarine mines, underwater listening posts, observation and fire control systems, harbor patrol boats, and supporting aircraft; organizes armament to facilitate fire direction and control and insure effectiveness; directs preparation of charts depicting area of zone covered by fire, concentrations of fire possible on land and water, and areas within which naval vessels may be attacked; directs training of organization in harbor defense techniques, weapons, and apparatus.

Must have comprehensive knowledge of tactical and technical operations in effecting adequate harbor, naval base, seaport, anchorage, and beach defense against sea, air, and land attack.

Considerable military experience in command and staff functions essential. Should be graduate of Command and General Staff School.

Civilian executive or administrative experience desirable.

College education in engineering very desirable.

### GROUND RANGING UNIT COMMANDER (1164)

Commands a coast artillery ground ranging unit of harbor defense or other coastal area organization and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs

and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; supervises use and adjustment of position finding equipment; directs operations of observation stations, spotting stations, base end stations, and plotting room; supervises the adjustment of fire in range and direction; coordinates work of unit with underwater ranging and submarine mine units; supervises training of unit in use of coast artillery position finding equipment and apparatus.

Must have thorough knowledge of coast artillery tactical and technical operations, with specialized knowledge of position finding equipment and apparatus. Should be familiar with naval formations and tactics and with characteristics of various types of naval vessels. Must be able to supervise coast artillery personnel such as plotters, platen operators, plotting arm setters, spotters, spotting board operators, range correction board operators, deflection board operators, observers, readers, recorders, and telephone operators. Knowledge of mathematics through trigonometry desirable.

Military experience and graduation from coast artillery officer school essential.

### ANTIAIRCRAFT GUN UNIT COMMANDER (1172)

Commands a mobile or semimobile antiaircraft gun unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs fire and gives the necessary fire instructions for defense against enemy planes, and works in co-ordination with barrage balloon units in the defense of positions; assigns missions to subordinate units, plans, and coordinates antiaircraft defenses to protect installations and friendly troops from low-flying bombing and strafing planes, and advises higher commanders and supporting units as to antiaircraft defenses.

Must have an extensive knowledge of the employment of antiaircraft units in support of other arms. Must know the operation and maintenance of 3-inch, 90-mm, 40-mm, and 37-mm, antiaircraft guns and their fire control. Must be familiar with radar or radio control of antiaircraft guns.

Military experience and graduation from antiaircraft officer school essential.

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; leads unit in seizing and holding or otherwise exploiting important tactical localities in conjunction with, or pending arrival of, other military or naval units; provides heavy weapons fire assistance and protection to parachute infantry units; coordinates unit with parachute infantry units in seizure and clearance of landing fields, beachheads, and other strong points; provides covering fire for parachute infantry units engaged in destruction of bridges, railroads, locks, and utilities; supervises training of unit in rugged individual fighting.

Must have thorough knowledge of parachute packing, repairing, rigging, supply, and storage. Must be qualified parachutist and must be proficient in map reading and tactical employment of parachute and glider troops. Must be thoroughly familiar with the employment of 75-mm pack howitzers, their loading in air transports and preparation for landing by parachute.

Military experience including graduation from parachute and field artillery schools essential.

### INFANTRY CANNON UNIT COMMANDER (1192)

Commands an infantry cannon unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; coordinates combat employment of infantry cannon unit with supporting artillery and infantry heavy weapons units; maintains contact with artillery and cannon unit forward observers to insure proper control and direction of fire on targets; engages targets which escape fire of artillery and infantry heavy weapons units; destroys enemy barbed wire defenses, mortars, pill boxes, and troop concentrations; assists in defense against mechanized and armored attack; supervises training of unit in infantry techniques and use of 105-mm gun and infantry weapons and grenades.

Must have thorough knowledge of infantry tactical and technical operations with specialized knowledge of 105-mm guns.

Military experience and graduation from infantry officer school, with additional training or experience in the employment of light artillery, essential.

### FIELD ARTILLERY UNIT COMMANDER (1193)

Commands a truck or horse-drawn field artillery unit and is responsible for its administration, training,

and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs fire of unit in support of other arms; supervises fire of unit in neutralization and destruction of targets dangerous to supported arms; establishes depth to combat by counterbattery fire on hostile reserves by restricting movements in rear areas and by disrupting hostile command agencies; employs fire on unprotected enemy personnel, and on hostile tanks within field of fire to interdict hostile movements and to neutralize enemy observations; supervises training of unit in field artillery techniques and use of field artillery weapons.

Must have thorough knowledge of field artillery tactical and technical operations with specialized knowledge of field artillery weapons such as 75-mm, 105-mm, 155-mm, and 240-mm howitzers.

Military experience and graduation from field artillery officer school essential.

### PACK FIELD ARTILLERY UNIT COMMANDER (1194)

Commands a pack field artillery unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; leads pack artillery unit following foot and mounted elements; establishes defilade gun positions in mountainous terrain overlooking valleys; decentralizes control of artillery; observes conduct of fire by ground observation; reconnoiters and establishes command posts; conducts interdiction fires on points where enemy is compelled to pass; furnishes maximum assistance of fire power to supported units. May employ pack artillery in jungle warfare.

Must have thorough knowledge of preparation of packs, saddling, packing, slinging, and lashing of loads to pack saddles, and breaking, training, and care of pack animals, and horsemanship. Must be familiar with maintenance of pack field artillery equipment, have thorough understanding of technical and tactical operations of artillery equipment, and be familiar with terrain features affecting movement and fire of pack artillery.

Military experience essential. Should include graduation from artillery officers school with additional training in a pack artillery unit.

## MILITARY CLASSIFICATION AND CODING

### AIRBORNE FIELD ARTILLERY UNIT COMMANDER (1195)

Commands an airborne field artillery unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs training in artillery adaptable to airborne transportation; prepares plans for allotment, allocation, and distribution of ammunition, artillery, and equipment; supervises observation, signal communication, and liaison activities; prepares plans for disassembly and assembly of pack artillery and packing of artillery in gliders or transport planes. Leads unit, in the support of airborne infantry troops, by supplying fire power and shock action against heavy hostile installations.

Must be trained in airborne methods and be thoroughly qualified in the tactical and technical employment of airborne artillery and equipment.

Military experience essential and should include graduation from field artillery officer school with specialized instruction in employment of pack artillery in airborne operations.

### ARMORED FIELD ARTILLERY UNIT COMMANDER (1197)

Commands an armored field artillery unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; employs armored field artillery in support of tank attacks, support of armored infantry, formulation of the artillery plan of fires, advance guard action, and attack against hostile fortified positions.

Must have knowledge of half- and full-tracks and vehicles used in armored field artillery, employment and maintenance of 105-mm and 75-mm howitzers and other small arms, use and maintenance of signal communications such as radio, telephone, and visual signaling. Must have knowledge of tactics employed by the armored command.

Military experience, with specialized knowledge of armored command equipment and graduation from field artillery officer school, essential.

### FIELD ARTILLERY OFFICER, STAFF (1199)

Advises commander and staff on field artillery matters. Supervises training of field artillery unit; prepares plans for use of field artillery and its allot-

ment to subordinate units; coordinates survey system within field artillery units; supervises observation, signal communication, and liaison within field artillery, supervises supply of meteorological data for field artillery; determines requirements, recommends apportionment, and supervises distribution of field artillery ammunition; coordinates fire of field artillery subordinate units; plans artillery missions to be performed by observation aviation; collects and disseminates information pertaining to hostile artillery and other targets through artillery intelligence agencies.

Must have thorough knowledge of field artillery tactical and technical operations. Knowledge of mathematics through trigonometry desirable.

Military experience, with wide experience in command of field artillery units and graduation from field artillery officer school, essential. Should have completed courses at Command and General Staff School.

College education in field of civil engineering desirable.

### TANK UNIT COMMANDER (1203)

Commands a light, medium, or heavy tank unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, material, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; leads unit in attack and counterattack; directs employment of tanks in accordance with nature of the terrain and disposition of hostile installations and troop concentrations; plans disposition of tanks in the attack and assigns primary and secondary missions; coordinates communication and fire of tanks with supporting artillery and aviation; employs tank unit in retrograde and defense actions to delay and hamper movements of enemy units. May command a light tank unit employed in support of reconnaissance troops.

Must have thorough knowledge of tanks and armored vehicles, their tactical employment, and coordination with other units. Must know maintenance and operation of tank equipment and armament.

Military experience essential. Should have graduated from Armored Officer Candidate School.

### ARMORED RECONNAISSANCE UNIT COMMANDER (1204)

Commands an armored reconnaissance unit and is responsible for its administration, training, and tacti-

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cal employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; rides in an armored reconnaissance car during combat and directs the tactical employment of unit by means of radio or flag signals; leads unit in offensive combat to gain information; leads advance to contact enemy boundaries and phase lines; employs unit to locate enemy's flanks and rear, constantly reporting the situation to headquarters; penetrates hostile covering forces to determine enemy disposition; leads unit in envelopments, seizing of critical areas, and in pursuit; directs defensive and retrograde movements, and counter-reconnaissance.

Must have thorough knowledge of the tactical operations of armored units for reconnaissance and tactical purposes, and be familiar with construction, operation, and maintenance of armored vehicles, armament, and communications.

Military experience essential. Graduation from Armored School or mechanized cavalry school very desirable.

### ARMORED MORTAR UNIT COMMANDER (1205)

Commands an armored mortar unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs laying of smoke screens and employment of high explosive projectiles against enemy installations and concentrations; employs unit in destruction of road blocks and machine-gun emplacements; routs and destroys hostile troops in defilade positions.

Must have thorough knowledge of armored mortar units, small arms, and weather and terrain factors affecting smoke barrages. Must be familiar with operation and maintenance of armored vehicles, armament, and communication. Should have knowledge of mathematics through trigonometry.

Military experience essential. Should have graduated from Armored School.

### ARMORED ASSAULT GUN UNIT COMMANDER (1207)

Commands an armored assault gun unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls

tactical employment of unit in combat, evaluates intelligence, estimates situation, formulates decisions, and maintains communications; selects positions and routes of march; acts as navigator; locates observation posts; lays guns by use of instruments or by direct laying; estimates ranges and gives command to fire; observes and adjusts fire on targets; renders immediate controlled fire support to various elements of the division; employs unit to destroy heavy hostile installations and artillery emplacements; renders counterbattery fire for other armored command units.

Must have thorough knowledge of assault guns and equipment such as half-track mounting 75-mm howitzers, light tank chassis mounting 75-mm howitzers, trackless tank chassis mounting 3-inch antiaircraft cannon, and self-propelled 155-mm guns.

Military experience essential. Should have graduated from field artillery officers school with additional training at Armored School.

### ARMORED FORCE TRAIN COMMANDER (1219)

Exercises tactical command of various service elements transporting troops, vehicles, ammunition, food, fuel, and other supplies of an armored command unit; plans, directs, and controls the movement of elements comprising the trains; selects bivouac areas, divides them into unit areas, and controls the movement of units into and out of bivouac areas; releases and attaches unit trains and controls movement to and from point of unit control; plans and directs measures for the security of the trains on the march and in bivouac, by passive and active measures, such as dispersion of vehicles and employment of antiaircraft defenses; directs the training of train headquarters and headquarters company and the training of component units of the train. May command a column of division trains.

Should be thoroughly familiar with tactical control of armored command units.

Military experience essential. Should have graduated from Armored Officer Candidate School.

### TANK DESTROYER UNIT COMMANDER (1222)

Commands a tank destroyer unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs tank destroyer unit in offensive and defensive operations of tank warfare; prepares beach defenses; assists field artillery units in fire missions; supervises defense of parachute

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troops; sets up protection of units in bivouac; selects and assigns alternate and supplementary firing positions; plans and executes tank ambushes and raids; directs training of personnel in infantry arms and in tank destroyer weapons and vehicles.

Must have thorough knowledge of tank destroyer tactical and technical operations with specialized knowledge of mechanized equipment; must be experienced in use of rifles, carbine, light and heavy machine guns, 37-mm, 75-mm, 3-inch guns, rifle and hand grenades, and rocket launcher. Must be familiar with tank destroyer vehicles.

Military experience, with special training in mechanized equipment and graduation from tank destroyer officer school, essential.

### TANK DESTROYER PIONEER UNIT COMMANDER (1225)

Commands a pioneer unit of a tank destroyer organization and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs unit in the removal of obstacles to permit advance of tank destroyer elements; directs unit in combat to provide security for other advancing units; provides delaying forces in retrograde movements; directs installation of static antimechanized measures such as road blocks, mines, and demolition of bridges and roads; directs training of unit in use and tactical employment of tank destroyer weapons and vehicles, installation of land mines and antitank barriers, and in demolition work.

Must have thorough knowledge of tank destroyer tactical and technical operations with specialized knowledge of pioneer work, installation of land mines, and demolitions.

Military experience, with special knowledge of pioneer work and graduation from tank destroyer officer and pioneer schools, essential.

### GENERAL SERVICE ENGINEER UNIT COMMANDER (1328)

Commands a general service engineer unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs or

supervises engineering projects such as construction, repair, and maintenance of roads and highway bridges throughout a theater of operations; supervises construction of railroads, railroad bridges and roadbeds, and other railroad facilities; supervises construction of cantonments, depots, and other establishments; supervises construction of wharves, docks, and other port and harbor facilities; directs preparation of rear defensive positions, field fortifications, and military demolitions; supervises operations of utilities, such as installation and repair of water supply facilities; directs training of unit in engineering techniques under combat conditions.

Must be thoroughly familiar with employment of such equipment as tractor bulldozer, motorized air compressors, pneumatic tools, blacksmith sets, carpenter sets, and drafting instruments. Must be able to supervise groups of men engaged in digging, clearing, rigging, timber cutting, carpentry, demolition, and wrecking operations.

Military experience, including graduation from engineer officer school, desirable. In positions of field grade, graduation from Command and General Staff School desirable.

### COMBAT ENGINEER UNIT COMMANDER (1331)

Commands a unit of combat engineers and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs and supervises engineering projects such as road repair and maintenance and construction of wooden trestles, portable steel bridges, foot and ponton bridges, field fortifications, weapon emplacements, obstacles, and mine fields; supervises demolition of bridges and culverts and preparation of mine craters and tank traps; supervises removal of enemy obstacles such as mine fields, road blocks, and wire entanglements; conducts necessary reconnaissance, plans and schedules work, assigns tasks, and exercises general supervision over operations; in combat, leads unit in the defense of engineering projects against enemy attack and in assault of enemy positions; furnishes security for other engineer units at work or in bivouac; supports other combat troops as directed, employing combat engineer troops as an infantry unit.

Must be familiar with the employment of such equipment as tractor bulldozers, motorized air compressors, pneumatic tools, blacksmith sets, carpenter sets, sign painting sets, and drafting instruments, and

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be able to direct groups of men engaged in digging, clearing, rigging, timber cutting, rough carpentry, demolition, and wrecking operations.

Military experience, including graduation from engineer officer school, essential. In positions of field grade, completion of a course at Command and General Staff School desirable.

### AIRBORNE ENGINEER UNIT COMMANDER (1336)

Commands an airborne engineer unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs training in engineering operations adaptable to glider or air transport borne engineer troops; leads unit in combat to impede advance or retreat of enemy by installation of demolitions and creation of a zone of obstacles, including mine fields; defends demolitions and obstacles which were installed; increases defensive or offensive powers of the combat arms by construction of field works and clearing and building airfields requiring special field engineering equipment or training.

Must have thorough knowledge of combat engineering and airborne tactics. Knowledge of use and maintenance of bantam engineering equipment, such as bulldozers and air compressors essential.

Military experience essential, including graduation from engineer officer school with specialized instruction in employment of engineer troops in airborne operations.

### AVIATION ENGINEER UNIT COMMANDER (1337)

Commands an aviation engineer unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; supervises construction camouflage and maintenance of field airdromes, assists in their defense, and supervises repairs after bombardment; supervises reconstruction of captured airdromes, structures, and revetments; supervises procurement and distribution of engineer supplies and equipment; directs compilation and reproduction of special aeronautical charts and maps; supervises training of unit in construction and maintenance of

field airdromes and in use of weapons employed in defense.

Must have thorough knowledge of construction and maintenance of field airdromes, and be acquainted with tactical defense of airdromes against attack. Must have thorough knowledge of weapons such as rifles, light and heavy machine guns, 37-mm guns, and grenades, and be able to supervise construction men such as carpenters, painters, and construction machinery operators and laborers.

Military experience, with specialized knowledge of civil engineering and graduation from engineer officer school, desirable.

Civilian experience in civil or construction engineering work desirable.

College education in civil or construction engineering desirable.

### PARACHUTE ENGINEER UNIT COMMANDER (1339)

Commands a parachute engineer unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communication; leads unit in combat to impede advance or retreat of the enemy by installation of demolitions and creation of a zone of obstacles, including mine fields; defends demolitions and obstacles which were installed; increases defensive powers of combat arms by the construction of field works and clearing and building of airfields requiring special field engineering equipment or training.

Must have thorough knowledge of engineering as it applies to combat engineers, parachute packing, repairing, rigging, supply, and storage. Must be a qualified parachutist, and be thoroughly familiar with use of special engineering equipment which can be transported by parachutes.

Military experience, including graduation from parachute school, essential. Should be graduate of engineer officer school.

### PORTABLE BRIDGE UNIT COMMANDER (1342)

Commands a portable bridge unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs unit in maintenance and transportation of river crossing equip-

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ment; assists general engineer troops in emplacing portable bridges such as ponton, spar, trestle, and foot, and in construction of bridges and ferries at site of operations; instructs other units in use of river crossing equipment; guards and maintains completed bridges; regulates traffic over bridges; dismantles bridges; repairs and salvages equipment; selects and supervises motor park; directs unit in convoy movements to site of operations. May independently engage in emergency construction of river crossings and supply of assault boat crews.

Must be familiar with employment of such equipment as inboard and outboard motorboats, portable cranes, motorized air compressors, pneumatic tools, blacksmith and tinsmith sets, carpentry tools, pipefitting and welding sets, and motor maintenance equipment. Must be able to direct groups of men in digging, clearing, rigging, timber cutting, carpentry, demolition, and wrecking operations.

Military experience and graduation from engineer officer school essential.

Civilian supervisory experience in construction field desirable.

### AMPHIBIAN ENGINEER NAVIGATION OFFICER (1362)

Navigates amphibian engineer boats in ship-to-shore operations by pilotage, dead reckoning, and celestial navigation to reach objective at a predetermined time. Tests and inspects navigation equipment prior to and during operations; receives instructions as to destination, course, time of arrival, and weather reports, and is responsible for navigating boats in accordance with instructions; maintains day-by-day log of events and happenings; safeguards crews and troops from navigational disaster.

Must be familiar with rules of navigation and be able to navigate by dead reckoning and celestial navigation, and interpret traffic regulations as prescribed. Must be familiar with compass and other navigational equipment.

Military experience, including graduation from engineer officer course and specialized training in navigation, essential.

Civilian experience in harbor piloting, coastwise navigation, and navigation of small craft very desirable.

### AMPHIBIAN ENGINEER SHORE UNIT COMMANDER (1363)

Commands an amphibian engineer unit of shore troops and is responsible for its administration, training, and tactical employment. Directs supply, equip-

ment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs combat engineering operations for combat team of ground forces in ship-to-shore operations; leads landing force of amphibian engineers in the assault of hostile forces defending shore positions; routs enemy forces, destroys enemy fortifications, and prepares landing area for friendly troops; supervises removal of underwater obstructions at beaches, and construction and maintenance of improvised landings and temporary wharves; supervises demolition of enemy obstacles on shore; establishes barrier of demolitions, mine fields, and other obstructions to protect landing operations from mechanized raids; supervises repair, construction, and maintenance of traffic routes from shore edge to combat area; leads unit in defense of engineering projects against enemy attacks; supports other combat elements of team as directed; supervises reconnaissance and estimate of detailed engineer work needed to determine type of succeeding engineer elements to be landed.

Must have thorough knowledge of infantry combat techniques and be familiar with such equipment as tractor bulldozers, motorized air compressors, pneumatic tools, blacksmith and carpentry sets. Must be able to direct groups of men in digging, clearing, rigging, timber cutting, carpentry, and demolition and wrecking operations.

Military experience, including graduation from engineer officer school, essential.

### AMPHIBIAN ENGINEER BOAT UNIT COM- MANDER (1366)

Commands an amphibian boat unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs unit in transporting and landing troops and supplies on coastal areas, beaches, and islands in offensive operations; directs unit in evacuation of troops and supplies; serves as wave leader in formations; designates landing areas and supervises removal of beached and unloaded boats to clear landing areas for succeeding waves; carries out navigational and piloting instructions; directs training of unit in tactical and technical operations of amphibious craft. May command unit composed of amphibian engineer boat and shore troops.

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### PARACHUTE INFANTRY UNIT COMMANDER (1510)

Commands a parachute infantry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of units; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; leads unit in seizing and holding or otherwise exploiting such important tactical localities as installations, in conjunction with, or pending arrival of, other military or naval forces; carries out missions, such as seizure and clearance of landing fields, beachheads, strong points, and ports; severs hostile lines of communications and supply; destroys bridges, railroads, locks, and public utilities; executes envelopment from air in conjunction with an attack by ground forces; executes surprise attacks as a diversion or feint in connection with other air landings; executes attacks against isolated enemy positions immune to attack by ground forces; leads unit trained in rugged individual fighting, using infantry weapons, demolitions, and small caliber weapons of other arms.

Must have thorough knowledge of parachute packing, repairing, rigging, supply, and storage, and be qualified parachutist. Must be qualified in demolitions, employment of small arms, first aid, use of maps, and tactical employment of parachute troops.

Military experience including graduation from parachute school essential. Graduation from infantry officer school very desirable.

### AIRBORNE INFANTRY UNIT COMMANDER (1512)

Commands an airborne infantry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; leads glider or air transport borne unit to strike at vital spots to rear of enemy lines or in other areas not accessible by ground transportation in support of main effort; leads missions to establish bridgeheads, to disrupt hostile communications, and to reinforce parachute troops in seizure of airdromes and other enemy installations; leads unit in rugged individual fighting, using small arms and demolitions.

Must have thorough knowledge of airborne techniques and operation and maintenance of gliders. Must be thoroughly qualified in tactical employment of airborne troops and equipment.

Military experience or training in airborne infantry operations including graduation from infantry officer school essential.

### MOUNTAIN INFANTRY UNIT COMMANDER (1513)

Commands a mountain infantry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs mountain infantry unit in offensive and defensive mountain warfare operations; directs combat operations of unit well forward to limit penetrations by enemy and to protect flanks of forward elements of supporting units; clears approaches to and over mountains to permit advancement of rear elements; directs destruction of enemy units which infiltrate into mountain positions; directs training of unit in techniques of mountain infantry warfare, close combat fighting, use of infantry weapons and pack horses, and mountain climbing and skiing.

Must have thorough knowledge of infantry mountain tactical and technical operations with specialized knowledge of mountain climbing, skiing, infantry weapons, and handling of pack animals.

Military experience, with specialized training in mountain warfare and graduation from infantry officer school, essential.

### ANTITANK UNIT COMMANDER (1524)

Commands an antitank unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs antitank protection of friendly troop areas; provides traffic warning control over mine field areas; selects and assigns firing positions; reconnoiters for routes of approach, location of obstacles, and marking of routes through land mine fields; directs training of personnel in antitank warfare, weapons, and explosives.

Must have thorough knowledge of antitank tactical and technical operations and be familiar with various types of tanks and explosives and their tactical employment; must be experienced in use of antitank weapons such as 37-mm and 75-mm guns, rifle and hand grenades, and rocket launchers.

Military experience, with specialized training in antitank warfare and graduation from a combat officer school, essential.

## MILITARY CLASSIFICATION AND CODING

### INFANTRY UNIT COMMANDER (1542)

Commands a motorized or normal infantry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs motorized infantry advances to establish positions behind advancing tank and armored units; prepares and secures advance positions for foot troops to the rear; directs camouflage and concealment of motorized equipment from air and ground observation and attack; selects and assigns firing positions for mortar units and vehicular mounted weapons; directs training of personnel in use of infantry arms, mounted weapons, and close combat fighting.

Must have thorough knowledge of infantry tactical and technical operations with specialized knowledge of motorized arms and equipment. Must be experienced in use of infantry arms such as rifles, light and heavy machine guns, mortars, and hand grenades.

Military experience, with specialized training in motorized equipment and graduation from infantry officer school, essential.

### ARMORED INFANTRY UNIT COMMANDER (1560)

Commands an armored infantry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs armored infantry in support of tank and infantry units; assists tank unit in offensive and defensive operations; provides protection to motorized infantry in establishing positions behind advancing tank units; executes delaying actions in defensive and retrograde operations; directs camouflage and concealment of armored vehicles from air and ground observation and attack; selects and assigns firing positions; directs training of personnel in use of infantry arms and mounted weapons, and in close combat fighting.

Must have thorough knowledge of infantry tactical and technical operations with specialized knowledge of armored command tactics and equipment. Must be a specialist in combat use of armored command vehicles and weapons and be experienced in use of infantry arms such as rifles, machine guns, mortars, and rifle and hand grenades.

Military experience essential, with special knowledge of armored command vehicles, arms, and equipment and graduation from infantry officer school.

### HORSE CAVALRY UNIT COMMANDER (1613)

Commands a horse cavalry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs horse cavalry unit in advance of less mobile ground troops to secure freedom of action; provides security for other arms by screening and covering actions; performs special operations such as filling gaps, constituting a mobile reserve for other forces, and providing liaison between large forces; initiates and maintains reconnaissance to the front and flanks and establishes contact with adjacent units; coordinates unit with mechanized cavalry units; directs placement of supporting weapons; directs training of personnel in infantry arms, close combat fighting, horsemanship, and care of horses.

Must have thorough knowledge of cavalry tactical and technical operations with specialized knowledge of horsemanship and care of horses. Must be experienced in use of infantry arms such as rifles, light and heavy machine guns, mortars, and grenades.

Military experience, with special training in horsemanship and care of horses and graduation from cavalry officer school, essential.

### MECHANIZED CAVALRY UNIT COMMANDER (1620)

Commands a mechanized cavalry unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs and controls tactical employment of unit in combat, evaluates intelligence, estimates situations, formulates decisions, and maintains communications; directs mechanized cavalry unit in advance of less mobile ground troops to secure freedom of action; provides security for other arms by screening and covering actions; performs special operations such as filling gaps, constituting a mobile reserve for other forces, and providing liaison between large forces; initiates and maintains reconnaissance to the front and flanks and establishes contact with adjacent units; coordinates unit with cavalry horse units; directs placement of supporting weapons; directs training of personnel in infantry arms, mounted weapons, and close combat fighting.

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### OPERATIONS OFFICER, AIR FORCES (2161)

Directs or supervises training and tactical operations of an Army Air Forces organization. Prepares plans for movement of organization for training or combat purposes; prepares, coordinates, and insures compliance with training directives and combat orders; maintains liaison with higher, lower, and adjacent units to keep the commander informed on lines of action, changes in the situation, orders, and directives; supervises briefing of air crews prior to missions; assigns crews to combat missions; regularly checks combat preparedness of each element of the organization; collects data in connection with aircraft operations such as availability and condition of landing fields, navigation aids, maps and charts, and radio facility charts; supervises preparation of reports concerning training progress; issues safety rules and flying regulations applicable to the situation.

Must have thorough understanding of tactical employment of type of military aviation to which assigned, and be familiar with tactics of all branches of military aviation, ground arms, and naval forces. Must know capabilities and limitations of aircraft and be able to solve air navigation problems.

Military flying experience essential.

Executive experience in commercial airline operations very desirable.

Technical training in physics and mathematics desirable.

### OPERATIONS AND TRAINING STAFF OFFICER (G-3, A-3, S-3)\* (2162)

Directs and coordinates functions of staff relative to organization, and training and combat operations. Prepares plans for movements of organization or individuals for the purpose of tactical training and disposition of troops; supervises activities pertaining to mobilization, organization, and training of units; prepares and coordinates yearly and monthly training directives to conform with those of higher authorities and the local situation; keeps commander informed on current projects, changes, orders, and directives pertaining to operations and training; makes recommendations on priority of assignments of personnel and equipment, and issues operations orders, rules, and regulations; checks preparedness of each element of organization through periodic inspections; makes continuous study and prepares estimates of tactical strategic situation; during combat, prepares field and march orders and executes such reconnaissance as directed; supervises measures taken to defend installations and communications.

\*S-3 performs the above duties except on a lower level of responsibility in a regiment or lower echelon.

Must possess knowledge of organization and tactical employment of various types of military operations in general, gained from extensive military experience. Must have outstanding executive and administrative ability.

Extensive military experience essential. Should be graduate from a service school or Command and General Staff School.

### AIR OPERATIONS STAFF OFFICER (G-3 AIR, S-3 AIR) (2164)

Plans and coordinates operations of Army Air Forces units employed in support of ground troops. Establishes liaison with supporting air units to determine amount and kind of air support available; keeps informed of use of air support; in combat, evaluates and grants air requests from subordinate units and determines priorities; trains subordinate personnel in air request procedure and confers with signal or communication officers to plan training of communication personnel in procedures for signaling aircraft; directs training of personnel within command in aircraft identification and in procedures for communicating with aircraft.

Must be thoroughly familiar with strategic and tactical employment of unit to which assigned and with tactics and potentialities of air support.

Should be physically qualified for flying duty.

Experience in Army Air Forces tactical units very desirable.

### AIR GROUND SUPPORT STAFF OFFICER (2173)

Functions as advisor to commander of a ground force organization on various phases of the employment of air force units as an aid in accomplishing strategic and tactical ground force missions. Indicates suitability of air support for attainment of specific objectives; advises as to types of air force units, such as light and medium bombardment and reconnaissance squadrons to be used for support of various missions; keeps ground commander constantly informed of air force units available for support operations, of numbers and types of available aircraft, and units in readiness for combat; assists in preparation of plans for training of ground forces in combined air-ground operations.

Must be familiar with Army Air Forces and Army Ground Forces organization and tactical employment. Must understand, and be able to assist in direction of various types of air support operations including bombardment, reconnaissance, and photomapping.

Should have training in air support tactics at Army Air Forces School of Applied Tactics.

## MILITARY CLASSIFICATION AND CODING

### MILITARY PERSONNEL OFFICER (2200)

Directs and supervises activities relating to unit personnel. Supervises preparation and maintenance of records, rosters, correspondence, and reports pertaining to personnel matters; maintains service records of military personnel and supervises clerical staff in proper handling of forms; requisitions personnel according to qualifications, and handles matters pertaining to transfers and promotions; supervises preparation of pay rolls, vouchers, applications, and reports relative to pay, travel, allotments, and deductions; prepares plans and makes recommendations relating to personnel requirements. May be delegated responsibility for classification and assignment procedures.

Must have thorough knowledge of Army administration and personnel and classification procedures.

Military experience essential. Should include personnel administration, training, and experience.

Civilian experience in personnel administration in industry, Government, or education very desirable.

College training in personnel administration desirable.

#### SOURCE JOBS

Personnel Manager	Personnel Technician
Office Manager	Employment Interviewer
Chief Clerk	

### PERSONNEL ASSIGNMENT OFFICER (2201)

Directs or supervises assignment of military personnel and maintenance of Army classification records. Receives requisitions for personnel and assigns troops in accordance with classification procedures; maintains liaison with military units in directing requisitioning and assignment of Army personnel; supervises and conducts correspondence involving changes of station and duty assignments; supervises maintenance of personnel records and files. May interview personnel prior to selection for assignment.

Military experience essential. Must be familiar with Army classification procedures, standards, and organization.

Civilian experience in personnel administration, employment office practices, or applied psychology very desirable.

College education with training in psychology or personnel administration, or equivalent in practical experience, desirable.

#### SOURCE JOBS

Employment Interviewer	Personnel Technician
Classification Specialist	Occupational Analyst

### CLASSIFICATION AND ASSIGNMENT OFFICER

(2210)

Directs or supervises classification and assignment of officers and enlisted men. Plans classification procedures and supervises interviewing, testing, classifying, and assigning military personnel; determines military and civilian experience, vocational skills, and aptitudes; administers Army General Classification Test, and aptitude, trade, and other pertinent tests; on basis of assembled data, determines military specialties, and recommends men for specialist training, specialist schools, or as officer candidate material; maintains qualification cards and records for all personnel, and prepares rosters, availability reports, and reports on special skills, assignments, and misassignments; advises commanding officer on classification and assignment problems. May be member of special classification and assignment boards.

Should have knowledge of personnel administration and occupational classification techniques, and be familiar with Army occupations and requirements. Knowledge of Army organization and administration desirable.

Military experience desirable.

Civilian personnel or employment service experience very desirable.

College education desirable.

#### SOURCE JOBS

Personnel Technician	Classification Analyst
Employment Interviewer	Occupational Analyst
Industrial Psychologist	Personnel Manager

### PERSONNEL CONSULTANT (2230)

Advises commanding, staff, and line officers on personnel matters of a psychological nature. Administers psychological tests for selection and classification of personnel at induction stations, reception centers, replacement training centers, and other military installations; advises on selection of men for special training units and develops training methods for instruction of such units; advises on disposition of inept and submarginal personnel; cooperates with medical officers on cases of maladjustment or abnormality in administering pertinent tests and submitting report of findings and recommendations; advises classification and assignment officers on general and special personnel problems, as well as development of techniques. May assist in analysis of factors affecting morale and general welfare of troops. May train and supervise unit personnel in administration and evaluation of tests, and in classification procedures.

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### SOURCE JOBS

Lawyer

Law Clerk

### HEADQUARTERS COMPANY\* COMMANDER (2900)

Supervises technical and tactical training, discipline, and administration of a headquarters company, detachment, battery, troop, or squadron. Furnishes personnel for administrative section of headquarters unit; provides administrative services for service sections or special troops attached to the company; maintains personnel and supply records, and prepares miscellaneous reports; supervises operation of communication equipment; arranges for security of headquarters and policing of area. May provide for messing and quartering of casualties. May command headquarters and service company and be responsible for operation of motor pool, maintenance of unit vehicles, and administration of technical service sections.

Must be thoroughly familiar with all phases of communication operations.

Military experience in arm or service to which assigned essential. Must have command experience and general knowledge of Army organization and administration.

Civilian administrative or supervisory experience desirable.

### HEADQUARTERS COMMANDANT (2901)

Supervises and coordinates internal administration, and security of headquarters. Arranges for movement and security of headquarters; contacts appropriate service units for housing, communication, transportation, and supply; provides for detail of orderlies and messengers; supervises headquarters mess, quartering, and messing of casualties; is responsible for reception of visitors at headquarters, and performs other housekeeping duties.

Military administrative experience essential. Should have command experience and general knowledge of Army organization and administration.

Civilian administrative or supervisory experience desirable.

### COMPOSITE UNIT COMMANDER (2902)

Commands a composite service force providing several kinds of services and is responsible for administration, training, and discipline of unit. Evaluates and estimates needs of organization and, with aid of staff officers, makes decisions regarding personnel efficiency,

discipline, operations, training, and supply; issues orders and directives; directs performance of duties and inspects completed work.

Must have knowledge and ability to organize and direct operations of unit. Knowledge of, or experience in the technical operations which constitute the special mission of one or more of the various operating units desirable.

Military experience essential. Must have advanced training and experience within arm or service commensurate with grade.

Civilian supervisory or managerial experience desirable.

College education appropriate to field of operations, or equivalent practical experience, desirable.

### SERVICE COMPANY COMMANDER (2910)

Supervises technical operation and administration of service sections. Receives and distributes supplies, establishing and operating distribution points for rations and water, gasoline and oil, ammunition, and engineer supplies; maintains motor vehicle pool and directs maintenance operations; furnishes personnel for headquarters sections; maintains personnel and supply records, and provides for mess operations and postal services; arranges for service details and orderlies. May be responsible for the establishment, defense, and operation of regimental train bivouac.

Must be familiar with motor transportation and maintenance operations. Must have thorough knowledge of supply movement and distribution.

Military command experience essential.

Civilian supervisory and administrative experience desirable.

### SURGEON, STAFF (3000)

Serves on special staff of commanding general of division, corps, army, or service command and informs commanding general regarding current status and capabilities of medical services of the command. Supervises medical activities of command relative to sanitation, medical and surgical service, technical training of medical and other personnel, and employment of medical facilities; recommends replacements and attachments from reserves necessary for medical support in specific operations; estimates situations, makes tactical plans and decisions, and controls employment of medical troops.

Military experience, particularly with field medical units, essential. Must be graduate of Command and General Staff School and Medical Field Service School.

\*Substitute battery, troop, squadron, detachment, or other appropriate designation of unit.

## MILITARY CLASSIFICATION AND CODING

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### VITAL STATISTICS OFFICER (3020)

Compiles statistical tables, and prepares charts and graphs from data on sick and wounded records; supervises correspondence necessary to correct or supplement these reports; prepares written analyses interpreting data contained on such records.

Must be graduate of an approved school of public health with thorough training in vital statistics and in the analysis of medical records or must be a graduate of a college or university with at least 6 semester hours' instruction in statistical methods and techniques and in addition, have the equivalent of 1 year's postgraduate study in a school of public health. Graduates of a college or university who have the necessary statistical training may substitute evidence of the completion of premedical training and at least 2 years' experience in a state or city health department for the year's postgraduate study in a school of public health.

### MEDICAL INTELLIGENCE OFFICER (3090)

Collects, compiles, analyzes, and disseminates medical and sanitation data on areas in communications zones and in active or potentially active theaters of operation. Maintains liaison with international health organizations and other organizations possessing information on medical and sanitary conditions; interviews qualified observers on their return from areas under investigation; prepares reports for use of staff and other medical officers concerning prevalence of disease, quality of water supply, insect and poisonous plant hazards, and other conditions in connection with operations in specific areas; collects and disseminates technical information of value to the Medical Department.

Knowledge of public health work, tropical medicine, parasitology, and preventative medicine desirable.

Civilian experience in public health work, epidemiology, entomology, bacteriology, or parasitology desirable.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### MEDICAL OFFICER, GENERAL DUTY (3100)

Performs various medical functions either in a hospital, dispensary, or field unit. On hospital duty,

writes case histories and examines and treats sick and wounded personnel; on field duty, is responsible for treatment of illness and injury, including battle casualties, collection and evacuation of sick and wounded, and technical and tactical control of medical unit to which assigned; supervises and instructs enlisted personnel in care and treatment of injury and disease. Depending upon the organization to which assigned, performs duties entirely professional or largely administrative and tactical in nature.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### MEDICAL OFFICER, TUBERCULOSIS (3101)

Diagnoses tuberculosis and other chronic diseases of the chest and treats patients having or suspected of having pulmonary tuberculosis. Treats or is consultant in the treatment of patients suffering from any type of chronic pulmonary diseases; cooperates with the hospital surgical service in the management of cases of tuberculosis and thoracic diseases; interprets chest X-ray films; is responsible for sanitation of ward and other units to which assigned; gives particular attention to control of spread of infection and initiates any epidemiological study indicated by local conditions; regulates diets; gives pneumothorax treatment; records treatments administered and patient's response; instructs patients and ward attendants in preventing spread of tuberculosis; performs medical administrative duties.

Must have specialized training or experience either in residency or private practice in diseases of the chest. Training or experience in the public health aspects of tuberculosis desirable.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### MEDICAL OFFICER, GAS (3102)

Directs medical officers, nurses, and enlisted technicians in treatment and care of gas and chemical casualties. Supervises instruction and training of medical personnel in treatment of casualties caused by chemical warfare agents, and in decontamination, bathing, and protective measures to be taken against chemical warfare agents; in combat, assigns missions to subordinates, treats patients, and coordinates unit activities. May advise unit commander on administrative, training, or technical matters.

Must be thoroughly familiar with diagnosis and treatment of gas and chemical casualties, preventive

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

to the practice of surgery within the command. Transmits professional information and recommendations between subordinate installations and higher echelons.

Should have completed a residency of 3 years and have experience in the practice of surgery for 5 years or longer, preferably in association with medical college.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

Course at the Medical Field Service School or have equivalent of this course in actual field experience.

Experience in general medicine and surgery essential to estimate accurately evacuation requirements and determine the disposition of evacuees and methods for handling various types of cases.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### OPHTHALMOLOGIST (3125)

Initiates and directs control measures to combat contagious diseases. Directs inspection of areas in which troops will be operating or quartered and makes and supervises laboratory, clinical, and bacteriological examinations to determine disease hazards; examines troops by means of clinical laboratory procedures and coordinates studies of sick reports to apprehend potential epidemiological conditions; recommends isolation of troops affected by or threatened with contagious diseases; directs and conducts daily examination of troops in epidemic areas to determine need for segregation and treatment of affected personnel; directs and participates in preparation of reports of activities and findings; estimates supply requirements and procures supplies and equipment.

Must be graduate of the Medical Field Service School or have equivalent training and experience.

Two years' civilian experience in public health work, which includes either treatment or research in the control of contagious diseases essential.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

Diagnoses and treats patients suffering from injuries, diseases, or disorders of the eye, operating as cases require. Supervises care of patients by nurses and enlisted technicians; gives examinations to candidates for commissions and others; refracts eyes of patients and prescribes glasses to correct visual disorders; writes case histories and prepares records of activities and other reports; performs medical administrative duties such as procuring, storing, and issuing medical supplies and equipment. May interpret completed X-rays.

Must have training or experience in ophthalmology.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### OTORHINOLARYNGOLOGIST (3126)

Diagnoses and treats patients suffering from injuries, diseases, or disorders of the ear, nose, or throat, operating as cases require. Supervises care of patients by nurses and enlisted technicians; gives ear, nose, and throat examinations; writes case histories and prepares records and reports of activities; performs medical administrative duties such as procuring, storing, and issuing medical supplies and equipment. May interpret completed X-rays.

Must have training or experience in otorhinolaryngology.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### NEUROPSYCHIATRIST (3130)

Examines, diagnoses, and treats patients referred for psychiatric treatment. Performs complete physical, mental, and neurological examination and obtains developmental and family history from patient and other sources; makes preliminary and final diagnoses, indicates treatment, and supervises its administration, including fever therapy, hydrotherapy, shock therapy,

### MEDICAL REGULATING OFFICER (3120)

Supervises and arranges for the evacuation of sick and wounded from a communication zone served by an evacuating hospital. Estimates kinds and amount of transportation needed to meet evacuation requirements, depending upon the type of tactical operation and the number of troops involved; keeps records of available transportation facilities; maintains records of bed credits and assignments; inspects facilities for transportation, loading, and unloading of patients to determine their suitability and adequacy for anticipated operations.

Must have military medical experience in administration and transportation and be able to administer the control and utilization of evacuation facilities.

Must have completed the Basic Officers Training

## MILITARY CLASSIFICATION AND CODING

occupational therapy, nutrition, sanitation, and medication; makes daily ward inspections and supervises nursing care; recommends final disposition of cases; advises other medical officers on problems of mental hygiene and mental disorder; provides neuropsychiatric consultations; trains and instructs nurses and ward personnel in care and treatment of patients.

May participate in preventive programs. May perform medical administrative duties such as assigning personnel, requisitioning ward property and supplies, and preparing data for presentation before boards. May present testimony before courts martial on questions of psychiatric nature.

Must have training and experience for at least 1 year in internal medicine, neurology, and psychiatry.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### NEUROSURGEON (3131)

Examines patients suffering from injuries and diseases of the nervous system, operating as indicated. Directs preparations for operation and supervises nurses, technicians, and other assistants; supervises preoperative and postoperative care and treatment; directs care of patients in wards to which assigned; is responsible for maintenance of medical records.

Must have at least 2 years' training or experience in general surgery and neurosurgery.

Must be a graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### NEUROPSYCHIATRIC CONSULTANT (3132)

Advises the chief of the medical branch on neuropsychiatric problems which arise within the command. Reviews professional aspects of medical work of a neuropsychiatric nature; inspects medical installations of the command and advises members of hospital staffs regarding methods of diagnosis and treatment; conducts conferences with neuropsychiatric staffs regarding diagnosis, treatment, and disposition of cases; recommends measures to be taken to maintain the mental health of troops; transmits professional information and recommendations between installations of Medical Department and higher echelons; studies problems involving adjustment to military life.

Should have at least 3 years' training or experience in neuropsychiatric wards with additional time devoted to this specialty in private practice.

Must be graduate of a medical school approved by

The Surgeon General and have completed 1 year internship.

### CHIEF OF MEDICAL SERVICE (3135)

Directs and supervises operation of the medical service of a medical installation. Conducts regular rounds of medical wards; conducts professional and administrative staff meetings, including clinical-pathological conferences; encourages by precept and example the highest level of professional care of patients and the general improvement of professional knowledge and skill of the officers assigned to the service; advises the commanding officer regarding the proper assignment of personnel and on administrative procedures which affect professional care; acts as consultant in medicine to other services in the installation. May serve as a member of the disposition board and makes recommendations for the disposition of patients.

Must possess outstanding qualities of leadership, human understanding, and initiative.

Must have military experience sufficient to become familiar with the administrative duties and responsibilities of a large medical command.

Must have specialized training of at least 1 year in residency or private practice in internal medicine or one of its branches. Must have additional civilian or military training pertinent to the specific assignment.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### CHIEF OF SURGICAL SERVICE (3136)

Directs and supervises operation of the surgical service of a medical installation. Conducts regular rounds of surgical wards; conducts professional and administrative staff meetings, including clinical-pathological conferences; encourages by precept and example the highest level of professional care of patients and the general improvement of professional knowledge and skill of the officers assigned to the service; advises the commanding officer regarding the proper assignment of personnel and on administrative procedures which affect professional care; acts as consultant in surgery to other services of the installation. May serve as a member of the disposition board and make recommendations for the disposition of patients.

Must possess outstanding qualities of leadership, human understanding, and initiative.

Must have military experience sufficient to become familiar with the administrative duties and responsibilities of a large medical command.

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

Must have at least 1 year's specialized training in surgery or one of its branches, either in residency or in private practice. Must have additional civilian or military training pertinent to the specific assignment.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### MEDICAL OFFICER, INTERNIST (3139)

Diagnoses and treats patients with any of the general or special diseases of internal medicine, without particular reference to any one specialty, and when necessary, consults with specialist in particular branches of medicine regarding diagnosis and treatment; orders and interprets special tests and procedures generally utilized for diagnosis; is consultant to other services of the installation in cases of general medical conditions.

Should be trained in particular field of medicine to which assigned.

Must have training or experience in private practice devoted to internal medicine without regard to any particular specialty.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### MEDICAL OFFICER, GENERAL SURGERY (3150)

Examines, diagnoses, and treats illnesses and injuries of patients with general surgical conditions, operating as cases require. Directs and supervises preoperative and postoperative care of patients; consults with other medical officers on general surgical conditions; supervises the management of ward patients and is responsible for the maintenance of records on cases to which assigned.

Must have general experience in surgery which covers a variety of fields. Must have at least 2 years' residency in general surgery or its equivalent in private practice.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### THORACIC SURGEON (3151)

Examines patients suffering from surgical diseases and injuries of the thorax and performs surgical operations as required. Supervises and instructs officers, nurses, and enlisted technicians in the surgical treatment of thoracic diseases and of casualties suffering from thoracic injuries; also supervises and in-

structs subordinates in preoperative and postoperative care and dressing of wounds; performs endoscopic examinations; maintains records on each case.

Must have at least 1 year's residency in general surgery and 1 year's residency in thoracic surgery, or equivalent private practice.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### PLASTIC SURGEON (3152)

Examines and treats patients suffering from conditions requiring plastic surgery. Performs surgical operations and supervises preoperative and postoperative care; directs and instructs officers, nurses, and enlisted technicians in the technique and care of maxillo-facial wounds and other plastic procedures; maintains case records.

Must have at least 2 years' full-time training or experience in plastic surgery, including work in maxillo-facial surgical techniques and the reconstruction of parts of appendages and replacement of skin as indicated in plastic repair.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### ORTHOPEDIC SURGEON (3153)

Examines and treats patients suffering from disorders of bones and joints. Supervises application of splints; interprets X-rays of orthopedic cases; reduces and immobilizes fractures by open or closed methods as indicated; supervises preoperative and postoperative care of patients and administration of orthopedic wards; is responsible for the maintenance of records on orthopedic cases and maintenance of orthopedic appliances; is consultant to other services on disorders of bones and joints; instructs classes in the first aid and definitive treatment of fractures, and instructs ward personnel in the care of orthopedic cases.

Must have training or experience in general and orthopedic surgery.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### VENEREAL DISEASE CONTROL OFFICER (3155)

Initiates and directs measures to prevent and control venereal disease and advises medical staffs and other officers on various phases of prevention and con-

## MILITARY CLASSIFICATION AND CODING

trol. Coordinates activities of military and civilian governing authorities in elimination of prostitution and prevention of venereal disease; instructs military personnel in the proper administration of prophylaxis and inspects Army prophylactic stations, observing attendants at work, to insure that their treatments are proper and their training is adequate; investigates cases of venereal disease to determine the sources of infection and discover any laxity in the application of control measures; insures the continuity of treatment of cases of venereal disease by maintaining liaison between the unit commanders and the treating agencies; interviews officers and men to determine whether or not Army regulations concerning venereal disease control are being followed; works in cooperation with the local health authorities in venereal disease control measures and recommends invocation of the May Act when necessary.

Military experience desirable.

Civilian experience should include 2 years' residency or private practice concerned with the control of venereal disease problems. Two years' service in the Army Medical Department will be accepted in lieu of the indicated civilian experience.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### AVIATION MEDICAL EXAMINER (3160)

Conducts physical and mental examinations for selection of candidates for flying training and performs various medical functions either in a hospital dispensary or field unit. On hospital duty, examines sick and wounded personnel and writes case histories; on field duty, is responsible for treatment of illness and injury including battle casualties, collection of sick and wounded, technical and tactical control of medical unit to which assigned; supervises and instructs enlisted personnel in care and treatment of injury and disease.

Must be graduate of the School of Aviation Medicine.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year of internship.

### AIR FORCE STAFF SURGEON (3161)

Advises the commanding officer as to requirements for an efficient health service, including medical, dental, veterinary, nursing, and sanitary services. Is charged with the procurement of medical personnel, supplies, and equipment, and the direction of all medi-

cal facilities, installations, and units of the command; advises on all matters pertaining to the physical and mental qualifications affecting the flight status and ratings of the flying personnel of the command and advises military boards regarding medical problems; advises on all matters pertaining to sanitation and hygiene of the command; establishes and directs the medical training program for all personnel of the command and for its medical units; maintains an office record of all reports peculiar to the medical service of the Army Air Forces and the medical reports of the Medical Department of the Army; directs and supervises the aeromedical program of the command, including the work of the subordinate flight surgeons, oxygen indoctrination, and altitude training; maintains direct coordination with the office of the Air Surgeon on all matters pertaining to the medical service of the Army Air Forces and the Army Medical Department.

Must be a Flight Surgeon. Must have several years' service with the medical service of the Army Air Forces. Graduation from the Command and General Staff School very desirable.

Must be a graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### FLIGHT SURGEON (3162)

Conducts physical and mental examinations for selection of candidates for flying training and makes recommendations to commanding officer concerning the physical and mental fitness of personnel undergoing flying training and other personnel assigned to routine, tactical, or combat duty; recommends the advisability of temporary or permanent relief from flying duty as well as reinstatement from temporary and permanent relief from such duty for flying personnel; maintains medical reports of all flying personnel of the command and closely observes and evaluates the relationship between total flying time and physical condition; authenticates reports of physical examinations and aircraft accidents for review by higher authority; plans and directs air evacuation of casualties. Normally performs general medical duties.

At least 1 year military duty with the medical service of the Army Air Forces required. Must have completed at least 3 months' military service with the Army Air Forces prior to assignment to School of Aviation Medicine. Must be graduate of the School of Aviation Medicine.

Should have residency or several years' private practice or equivalent military medical service.

Must be graduate of a medical school approved by

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The Surgeon General and have completed 1 year internship.

### DENTAL OFFICER (3170)

Performs duties incumbent upon a general practitioner of dentistry. Examines, diagnoses, and treats diseases, abnormalities, injuries, and defects of the teeth and their investing tissues; instructs personnel in care of dento-oral health; prepares reports and surveys of the dental service; assists Medical Corps officers in care of sick and wounded in combat areas; supervises requisitioning, procuring, care, and maintenance of dental supplies and equipment.

Must be licensed to practice dentistry. Must be engaged in active ethical practice of dentistry at time of appointment.

Must be graduate of an accredited dental college.

### ORAL SURGEON, DENTAL (3171)

Examines, diagnoses, and treats by surgical or other means all the infections, diseases, abnormalities, injuries, afflictions, and pathology of the oral tissues and supporting structures, and of the maxillary, mandibular, and adjacent bones. Surgically removes cysts and neoplasms of the oral soft or bony tissues; reduces and provides proper fixation and treatment of fractures of the jaw and adjacent bones; administers or supervises the administration of local and general anesthetics for use in dento-oral cases; prepares and maintains reports and records of progress of hospitalized dental cases and cooperates with Medical Corps officers in the care of such cases; cooperates with orthopedists and plastic surgeons in care and treatment of maxillo-facial injuries.

Should be thoroughly familiar with all laboratory procedures involved in the care of oral surgery patients. Must be licensed to practice dentistry. Must be engaged in the active ethical practice of dentistry at the time of appointment.

Should have background of extensive experience in oral surgery and have been a member of a hospital staff. An internship, fellowship, or residency in a recognized hospital or other institution desirable.

Must be a graduate of an accredited dental school.

### EXODONTIST (3172)

Examines, diagnoses, and removes infected or affected teeth.

Should be proficient in the administration of both local and general anesthetics.

Must be licensed to practice dentistry.

Extensive training or experience in exodontia very desirable. Hospital internship or residency desirable.

Must be graduate of an accredited college with post-graduate study in exodontia.

### PERIODONTIST (3174)

Examines, diagnoses, and treats diseases of the investing tissues of the teeth.

Must be proficient in the conservative and surgical treatment of periodontal pathology and fully cognizant of the various accepted methods of treating such conditions. Should be qualified to instruct adequately and properly patients in the home care of the investing tissues of the teeth to maintain them in a healthy condition following treatment.

Must be licensed to practice dentistry. Must be engaged in active ethical practice of dentistry at time of appointment.

Extensive training or experience in periodontia very desirable.

Must be graduate of accredited dental college. Post-graduate study in periodontia very desirable.

### PROSTHODONTIST (3175)

Examines and diagnoses cases requiring the restoration of missing teeth. Constructs or supervises the construction of fixed or removable bridges and full or partial dentures to replace such missing teeth.

Must be licensed to practice dentistry. Must be engaged in the active, ethical practice of dentistry at the time of appointment.

Extensive training or experience in prosthetic dentistry essential.

Must be graduate of accredited dental college. Post-graduate study in prosthetic dentistry very desirable.

### DENTAL OFFICER, STAFF (3178)

Assists staff surgeon of a unit or installation and informs staff surgeon regarding current status and capabilities of the dental service of the command. Advises staff surgeon on matters pertaining to oral health, qualifications, and proper assignment of dental officers and dental personnel required to meet needs of command; supervises dental service of command and training of dental personnel for tactical assignments; conducts periodic inspections of dental clinics to insure maintenance of records according to regulations, maintenance of dental equipment and supplies, and adequacy and suitability of equipment.

Must be licensed to practice dentistry.

Military experience as a dental officer essential.

Must be graduate of accredited dental college.

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### PHYSICAL THERAPY OFFICER (3180)

Directs a physical therapy program for the treatment and rehabilitation of military personnel, which includes such special treatments as physical exercise, electrotherapy, fever therapy, hydrotherapy, and infrared and ultra-violet ray treatments. Prescribes treatments, develops therapeutic techniques, and directs training program; conducts over-all administration of physical therapy department. May supervise occupational therapy and educational training as part of rehabilitation program.

Civilian experience must include several years practice devoted to physical therapy.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### RADIOLOGIST, THERAPEUTIC (3182)

Supervises and participates in the administration of irradiation therapy, including all the types and applications in the superficial and deep X-ray field, as well as contact and ultra-radon therapy. Confers with medical and dental officers on the diagnosis of disease and the advisability of radiation therapy; is consultant in the radiation treatment of cancer and allied diseases.

Must have at least 2 years residency in X-ray and radium therapy.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### VETERINARY OFFICER (3200)

Directs and participates in the treatment of sick and wounded animals and in combat establishes, selects sites for, and supervises the operation of a veterinary aid station for reception and treatment of animal casualties. Diagnoses and treats sick and wounded animals; performs surgical operations; classifies animal casualties as salvageable or unsalvageable, destroying the latter in accordance with prescribed methods; inspects stables, corrals, and forage, and corrects unsanitary conditions; performs administrative functions such as supervising the preparation of records and reports, requisitioning and maintaining veterinary supplies and equipment, and assisting in administration of the veterinary unit. May conduct training courses for enlisted personnel in veterinary practice and animal hygiene. May inspect meat, meat foods, and dairy products.

Should have 1 year of civilian veterinary practice.

Must be graduate of an accredited veterinary college.

### VETERINARY OFFICER, LARGE ANIMAL (3201)

Performs the duties of a general veterinary officer, diagnosing and treating sick and wounded animals; specializes in the care and treatment of horses, mules, and other large animals. May conduct training courses for enlisted personnel in veterinary practice and animal hygiene. May inspect meat, meat food, and dairy products..

Must have several years experience in large animal veterinary practice.

Must be graduate of an accredited veterinary college.

### VETERINARY OFFICER, SMALL ANIMAL (3202)

Performs the duties of a general veterinary officer, diagnosing and treating sick and wounded animals; specializes in the care and treatment of dogs and other small animals. May conduct training courses for enlisted personnel in veterinary practice and animal hygiene. May inspect meat, meat food, and dairy products.

Must have several years of experience in small animal veterinary practice.

Must be graduate of an accredited veterinary college.

### VETERINARY OFFICER, STAFF (3203)

Assists the staff surgeon of a unit or installation and informs him regarding the current status and capabilities of the veterinary service of the command. Supervises all veterinary activities of the command relative to sanitation, veterinary service, technical and tactical training of veterinary personnel, and employment of veterinary facilities; commands assigned veterinary troops, and is responsible for administration, discipline, and supply. In both staff and command capacities, estimates situations, makes tactical plans and decisions, and controls employment of veterinary troops.

Service with the Veterinary Corps desirable.

Should have at least 1 year of civilian veterinary practice.

Must be graduate of an accredited veterinary college.

### VETERINARY OFFICER, REMOUNT (3205)

Conducts physical examination of animals to be purchased for Army use and supervises breeding activities. Investigates sanitary conditions concerned in purchasing, handling, and transporting animals in

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

assigned territory; conducts operation of preventive measures such as mallein and other testing, quarantine, and disinfecting; examines Government animals for soundness and sterility prior to breeding. May command veterinary detachment. May be member of a remount purchasing board.

Must have demonstrated the ability to judge soundness of animals for military service.

Should have several years of military experience in remount service installations.

Should have considerable experience in large animal veterinary practice.

Must be graduate of an accredited veterinary college.

### VETERINARY UNIT COMMANDER (3207)

Commands a veterinary hospital, field unit, or detachment. Directs or supervises the diagnosis, treatment, and care of sick and wounded animals; performs surgical operations; classifies animal casualties as salvageable or unsalvageable, destroying the latter in accordance with prescribed methods; inspects stables, corrals, and forage, and corrects unsanitary conditions; performs such administrative functions as supervising preparation of records and reports, and requisitioning veterinary supplies and equipment. May conduct training courses for enlisted personnel in veterinary practice and animal hygiene. May inspect meat, meat foods, and dairy products.

Service with the Veterinary Corps desirable.

Should have at least 1 year of civilian veterinary practice.

Must be graduate of an accredited veterinary college.

### MEAT AND DAIRY PRODUCTS INSPECTOR (3221)

Inspects meat, meat food, and dairy products and ascertains by inspection that proper sanitation and processing methods are maintained in food plants. Supervises and instructs personnel in performance of meat and dairy inspection duties; inspects food products of animal origin for sanitary condition and compliance with specifications. May perform the duties of a general veterinary officer, diagnosing and treating sick and wounded animals.

Must be qualified to perform the duties of a general veterinary officer.

Must have experience in the inspection of meat and dairy products.

Must be graduate of an accredited veterinary college.

### SOURCE JOBS

Veterinarian	Government Meat Inspector	Government Dairy Inspector
Dairy Specialist		Veterinary Bacteriologist
		Food Analyst

### MEAT PRODUCTS INSPECTOR (3222)

Examines the sanitary conditions under which meat and meat food supplies purchased by the Army are produced and processed. Investigates and evaluates efficiency of the inspection system; supervises and instructs commissioned and enlisted personnel in the performance of meat inspection duties, particularly those in connection with ante mortem examinations; is advisor and consultant on all phases of meat sanitation and hygiene.

Must have training or experience in meat sanitation and inspection.

Must be graduate of an accredited veterinary college.

### SOURCE JOBS

Veterinarian	Government Meat Inspector
Veterinary Bacteriologist	
	Food Analyst

### DAIRY PRODUCTS INSPECTOR (3223)

Examines sanitary conditions under which milk and other dairy products purchased by the Army are produced and processed. Supervises and instructs commissioned and enlisted personnel in performance of dairy inspection duties; investigates and evaluates the efficiency of inspection system maintained by civilian agencies and advises as to corrective procedures; is advisor and consultant on dairy sanitation and hygiene.

Must have experience in dairy sanitation.

Should be graduate of an accredited veterinary college, or be graduate of an accredited college of agriculture or arts and sciences, and should have majored in dairy technology.

### SOURCE JOBS

Veterinarian	Biological Chemist
Agricultural Bacteriologist	Dairy Sampler or Tester
	Dairy Specialist

### FOOD CHEMIST (3224)

Performs chemical analyses of meat, meat food, and dairy products to determine wholesomeness and com-

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pliance with Federal specifications and contract requirements; performs routine chemical analyses common to a veterinary laboratory; supervises the work of enlisted personnel and may assist in direction of the laboratory.

Must have experience in laboratory analysis of food, particularly meat, meat food, and dairy products.

Must be graduate of an accredited veterinary college or be a graduate of a recognized college or university, with specialization in food chemistry.

### SOURCE JOBS

Veterinary Bacteriologist	Food Bacteriologist
Agricultural Bacteriologist	Biological Chemist
	Food Analyst

### VETERINARY LABORATORY OFFICER (3231)

Conducts veterinary research in veterinary bacteriology, pathology, immunology, and parasitology, and makes examinations and tests in connection with animal diseases; conducts laboratory operations and trains and instructs laboratory personnel; investigates diseases which adversely affect the health of animals. May supervise or assist in the direction of a veterinary laboratory. May examine food for compliance with specifications.

Several years' civilian or military experience in chemical or biological laboratory operations essential.

Must be graduate of an accredited veterinary college.

### SOURCE JOBS

Veterinary Bacteriologist	Biochemist
Food Analyst	Analytical Chemist

### MEDICAL INSPECTOR (3301)

Inspects sanitation within command and recommends measures for improvement and maintenance. Inspects or directs the physical inspection of troops; investigates adequacy of water supplies; inspects hospital wards, operating rooms, dispensaries, kitchens, mess halls, and sewage and refuse disposal facilities; gives particular attention to quality and sufficiency of mess operations; inspects health control measures for effectiveness; studies and determines causes of undue prevalence of communicable disease; prepares reports and directives concerning findings during inspections and makes monthly report on sanitation within the command.

Must have at least 6 months military experience in the Medical Corps, preferably in field units. Graduation from the Medical Field Service School essential.

Must have at least 1 year civilian experience in public health service inspection or investigation or in closely related activities.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### MEDICAL LABORATORY OFFICER (3303)

Supervises the laboratory service of Medical Department unit. Plans and supervises the operations of the laboratory according to directives and needs reported by ward officers; procures and assigns personnel to duties; instructs personnel in laboratory procedures; supervises the procurement of supplies and equipment required for the laboratory; maintains records of the activities of laboratory personnel. May perform technical duties relating to laboratory operations such as blood typing, examining tissues for pathological conditions, and process work in sanitary and epidemiological surveys. May render medical and surgical service within unit to which laboratory is attached. May command a mobile medical laboratory.

Must have civilian experience in a hospital or medical school laboratory and be a qualified clinical pathologist.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### RADIOLOGIST (3306)

Makes and supervises the making of X-ray and fluoroscopic examination. Directs the developing of films and interprets films and fluoroscopic screen images; confers with surgeons, medical officers, and dental officers in diagnosis of cases through interpretation of X-ray examinations; trains officers and enlisted technicians in the technical use of X-ray equipment, and in the interpretation of X-ray films; in the field, supervises the care, installation, and packing of equipment; maintains records and files of activities. May perform superficial or deep roentgenotherapy.

Must have specialized training or experience in roentgenology.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### BACTERIOLOGIST (3307)

Performs and supervises diagnostic bacteriological operations in a hospital or laboratory. Conducts and directs research studies in bacteriological subjects re-

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

lating to the control of infectious diseases; studies methods of isolating and stabilizing bacteria; collects, isolates, classifies, and studies specimens of blood and discharge and makes microscopic examinations and analyses; prepares and maintains stock cultures of bacteria and conducts routine serologic tests; administers vaccines and sera; prepares reports of laboratory studies, tests, and findings. May perform autopsies and make clinical-pathological studies. May investigate special problems such as immunological prevention of dental caries and investigation of antigens for production of "immune" vaccine.

Must have at least 2 years' experience in medical diagnostic and public health bacteriology at a hospital, medical school, private agency producing biological products, research agency, or governmental health agency.

Must be university or college graduate and hold a Bachelor of Science degree with major study in bacteriology and minor study in chemistry.

### SOURCE JOBS

Bacteriologist	Serologist
Toxicologist	Pathologist

### BIOCHEMIST (3309)

Performs chemical analysis of body fluids including blood, urine, pus, and other exudates and transudates. Makes blood sugar determinations; determines blood nitrogen levels; makes blood, urine, and spinal fluid studies; determines concentrations of drugs such as sulfonamides; performs milk and water chemical analyses; in toxicology, identifies poisons of animal, vegetable and mineral origin in connection with the analysis of body fluids, foods, and unknown materials. Depending on station assignment, may perform all or any of the above duties.

Practical laboratory experience in chemistry or biochemistry essential.

Must be college or university graduate with specialization in chemistry or biochemistry.

### SOURCE JOBS

Biochemist	Organic Chemist
Toxicologist	Analytical Chemist

### PARASITOLOGIST (3310)

Makes surveys for parasites and vectors. Examines diagnostic material by clinical laboratory methods, identifying gross and microscopic specimens and forwarding diagnosis to attending physicians; main-

tains insect colonies for laboratory study and instruction purposes; prepares antigens for parasitological treatment inoculation. May teach parasitology and entomology to enlisted and commissioned personnel by lecture and demonstration. May prepare instructional aids such as pamphlets, lantern slides, specimens, and histopathological sections.

Military experience in field units of the Medical Department desirable.

Must have 2 years civilian experience in parasitology, or 1 year in entomology and 1 year in parasitology.

Must be graduate of an approved college or university with specialization in physical sciences. Graduation from medical school desirable.

### SOURCE JOBS

Parasitologist	Entomologist
Sanitary Engineer	Protozoologist

### SEROLOGIST (3311)

Prepares, standardizes, and supervises production of diagnostic antigents and sera. Performs and supervises performance, examination, and interpretation of serological tests; maintains record of serological reactions; maintains or supervises maintenance of stock culture collections of bacteria; makes research studies concerned with production and testing of experimental vaccines, as for cholera. May teach serological technique and interpretation and performance of clinical laboratory tests.

Military experience not required for jobs of lower grade and lesser responsibility, but administrative Army experience is considered desirable for higher grades.

Must have 2 years' experience as serologist or immunologist in a hospital, health center, or medical school.

Must be graduate of an accredited college or university with specialization in serology and bacteriology.

### SOURCE JOBS

Serologist	Bacteriologist
Immunologist	

### ENTOMOLOGIST (3315)

Is consultant in matters pertaining to insect and vermin control. Makes entomological surveys; identifies insects of medical importance; recommends con-

## MILITARY CLASSIFICATION AND CODING

trol measures; supervises the execution of approved recommendation and maintains entomological records.

Must have 1 year experience plus a graduate degree in medical entomology.

Must be graduate of an approved college or university with a major in entomology.

### NUTRITION OFFICER (3316)

Advises the surgeon on matters pertaining to food and nutrition affecting the health of all personnel within the command. Studies rations and mess operations including the selection, distribution, preparation, and service of food as they affect the health of troops; makes recommendations for the correction of defects or deficiencies and on the need for the inclusion of vitamin concentrates as an article of the ration; prepares data on food preparation, nutritive value of foods, and adequacy of rations; studies adequacy of the food consumed by the soldier through nutritional surveys of messes and individual mess analysis; cooperates with the Quartermaster Corps in an advisory capacity on nutritional matters; assists in instruction of officers and enlisted men with regard to nutrition and the attainment of adequate dietary standards; prepares reports and makes recommendations on nutritional matters.

Must have several years' experience in the field of nutrition or in the nutritional aspects of one or more of the following fields: physiology, biochemistry, or food chemistry.

Must be graduate of college or university.

For initial appointment to the grade of first lieutenant, 3 years of the experience requirement may be waived provided the applicant holds the degree of Doctor of Philosophy, Doctor of Science, or a certificate indicating completion of work for such degree from a recognized college or university.

### SOURCE JOBS

Nutritionist  
Biochemist

Food Chemist

### PHARMACY OFFICER (3318)

Directs and is responsible for the compounding and dispensing of medicines in pharmacy section of an Army medical dispensary or hospital. Supervises maintenance of prescription files; provides for the safekeeping of potent poisons, alcohol, alcoholic liquors, and all habit-forming drugs.

Must be a graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### PATHOLOGIST (3325)

Performs autopsies and other pathological and bacteriological examinations to determine cause of deaths or for experimental and research work in the study of pathogens, antigens, and antibodies. Performs and supervises related laboratory research work in subjects such as hematology, bacteriology, urinalysis, and blood chemistry; is consultant in obscure disease conditions; prepares reports of activities and results of findings. Instructs enlisted technicians in clinical pathology, hematology, bacteriology, urinalysis, and blood chemistry.

Must be well trained in histology and the microscopic and macroscopic study of tissues.

Must have 1 year residency or private practice in clinical pathology or have completed an approved medical department course in the field.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### PHYSICAL THERAPY AIDE (3418)

Supervises physical therapy treatment of military personnel. Supervises nurses and enlisted assistants in giving exercise, electrotherapy, and hydrotherapy treatments as prescribed by a qualified medical officer; maintains records and charts and prepares reports on the management of a physical therapy department; conducts courses of instruction in physical technique for personnel of medical department installations; is responsible for the sanitation and cleanliness of the physical therapy clinic and for maintenance and requisition of supplies.

Must have completed 2 years of college with major emphasis either in physical education or biological sciences, or have completed approved courses in nursing and physical therapy. Completion of a 4-year college course in physical education very desirable.

### HOSPITAL DIETITIAN (3420)

Supervises preparation of food for patients of an Army hospital. Constructs standardized recipes and directs the preparation and serving of food with emphasis on nutrients, palatability and attractiveness; calculates and directs the preparation and service of special and metabolic diets prescribed by medical officers; instructs patients in correct food and dietary habits; plans daily menus with special reference to proper diet and nutritional balance so as to utilize available food supplies; assists in requisitioning food

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supplies and kitchen equipment; maintains accounts and records of dietetic department.

Must be college graduate who has majored in foods and nutrition or institutional management. Must have completed an approved dietitian's training course. Two years dietetic experience in a hospital approved by The Surgeon General may be accepted in place of the 2-year training course.

### NURSE, ADMINISTRATIVE (3430)

Supervises the nursing service of a Medical Department installation. Instructs, assigns, disciplines, and inspects the duty performance of Army Nurse Corps personnel of the unit; assigns tasks to female civilian employees within the Corps, and supervises their performance of duty; keeps personnel records of members of the Army Nurse Corps within command, and supervises the preparation of all other reports, returns, and charts regarding the nursing service; requisitions equipment and property for nurses' quarters. May supervise nurses' mess, plan menus, supervise sanitation, and execute administrative details.

Must be qualified to administer narcotics, to provide for their safekeeping, and to record dosages of narcotics administered. Must possess executive ability, good judgment, and tact.

Must be registered nurse. Experience in the Army Nurse Corps desirable. Civilian hospital experience in administration of nursing activities acceptable in place of experience in the Army Nurse Corps.

Must have completed 3 years' training at an approved nursing school.

### NURSE, AIR EVACUATION (3434)

Cares for and supervises the treatment of patients being evacuated by air. Directs the loading and unloading of patients; supervises enlisted medical technicians in administration of oxygen and the medical care and treatment of patients during flight; checks the adequacy and proper utilization of supplies; authenticates medical records of air evacuation flights.

Must be qualified to administer narcotics, to provide for their safekeeping, and to record dosages of narcotics administered.

Must have completed course of instruction at the Army Air Forces School of Air Evacuation.

Must be graduate of accredited school of nursing and be registered nurse.

### NURSE, NEUROPSYCHIATRIC (3437)

Renders nursing care to neurological and psychiatric patients. Performs all duties of a general duty nurse and adapts all nursing procedures to the behavior of the individual patient; observes and records psychological symptoms to aid the physician in the diagnosis and treatment of the disease; performs procedures peculiar to treatment of neuropsychiatric conditions.

Must be qualified to administer narcotics, to provide for their safekeeping, and to record dosages of narcotics administered.

Nursing experience in a neuropsychiatric ward essential.

Must be graduate of accredited school of nursing and be registered nurse; should have postgraduate courses in preparation for this type of nursing.

### NURSE, FEVER THERAPY (3438)

Renders nursing care to patients during fever treatment. Prepares fever therapy apparatus and equipment for treatment; places patient in apparatus and prepares him for treatment; maintains and controls the mechanical devices used in the treatment, observes the patient's conditions during the periods of fever-production and heat-loss, and secures the services of the physician when necessary; administers medications and fluids during treatment; keeps extensive records on patient's progress.

Must be qualified to administer narcotics, to provide for their safekeeping, and to record dosages of narcotics administered.

Civilian or military experience in fever therapy desirable. Completion of course in fever therapy at military hospital desirable.

Must be graduate of accredited school of nursing and be registered nurse; should have postgraduate courses in this type of nursing.

### NURSE, COMMUNICABLE DISEASE (3441)

Renders nursing care to patients suffering from communicable diseases. Performs all the duties of a general duty nurse; applies the principles of medical asepsis in the care of patients and in preventing the spread of the disease to herself and to others; teaches patients methods of prevention of reinfections and cross-infections; sets up isolation units; disinfects units after departure of patients; supervises and instructs nonprofessional ward personnel.

Must be qualified to administer narcotics, to provide for their safekeeping, and to record dosages of narcotics administered.

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Civilian experience in the care of communicable disease desirable.

Must be graduate of accredited school of nursing and be registered nurse; should have postgraduate course in communicable disease nursing.

### NURSE, OPERATING ROOM (3443)

Makes preparations for and assists the surgeon in performing surgical operations. Secures, prepares, maintains, and sterilizes necessary supplies and equipment; sets up aseptic field for operation; assists the surgeon during operation, either as a member of the surgical team or as assistant, keeping the surgical team supplied with aseptic materials.

Must be qualified to administer narcotics, to provide for their safekeeping, and to record dosages of narcotics administered.

Must have civilian or military experience as an operating room nurse.

Must be graduate of accredited school of nursing and be registered nurse; should have postgraduate courses in this type of nursing.

### NURSE, ANESTHETIST (3445)

Administers anesthetics to patients under direction of the surgeon; keeps surgeon advised of the patient's condition and reaction to the anesthesia during operation; accompanies patient to his room following the operation and observes immediate reaction to anesthesia; assists in the administration of measures to eliminate shock; keeps records of patient's reaction during and immediately following anesthesia; maintains equipment for anesthetic administration in serviceable condition.

Must be qualified to administer narcotics, to provide for their safekeeping, and to record dosages of narcotics administered.

Completion of 6-month course in anesthesia at a military hospital desirable.

Civilian experience in anesthetic administration desirable.

Must be graduate of accredited school of nursing and be registered nurse.

### NURSE, OBSTETRICAL (3446)

Renders nursing care to mother and baby. Assists obstetrician in prenatal clinic; prepares mother for delivery, observing condition during labor and securing the service of obstetrician when necessary; assists obstetrician during the delivery; cares for mother during puerperium; cares for new-born infant from

delivery to discharge from hospital; secures, prepares, maintains, and sterilizes necessary supplies and equipment; keeps records; assists obstetrician in postnatal clinic.

Must be qualified to administer narcotics, to provide for their safekeeping, and to record dosages of narcotics administered.

Civilian or military experience in obstetrical nursing essential.

Must be graduate of accredited school of nursing and be registered nurse.

### NURSE, GENERAL DUTY (3449)

Renders general nursing care to all types of patients. Plans daily schedules for care of groups of patients; prepares for and administers prescribed therapeutic treatments; assists physician in treatments and diagnostic measures; meets medical and surgical emergencies which arise in absence of physician; keeps watch over patients' condition, securing services of physician when necessary; keeps records on progress of patient; requisitions supplies and cares for equipment in ward; maintains wards and surrounding areas in best possible condition; affords companionship, sympathy, encouragement, and, if necessary, discipline and control of patients. May assist in making electro-cardiograms and in measuring basal metabolism.

Must be qualified to administer narcotics, to provide for their safekeeping, and to record dosages of narcotics administered.

Must be graduate of accredited school of nursing and be registered nurse; completion of postgraduate courses in nursing desirable.

### MEDICAL UNIT COMMANDER\* (3500)

Commands a medical group, battalion, or company and is responsible for administration, training and tactical employment of the command. Provides sanitary, medical, surgical, and dental services for the troops to which attached; instructs medical troops in their technical duties and instructs other personnel in sanitation, personal hygiene, and first aid; makes medical estimates of the situation, observing where casualties are likely to be heaviest; determines the location of medical installations and the disposition of medical troops and equipment; directs or supervises the collecting, clearing, and evacuation of casualties; in troop movements, supervises packing, moving, and reinstallation of medical and surgical equipment.

\*This classification is not to be used for Hospital Commander, Ambulance Officer, Litter Officer, or other medical unit commanders classifiable otherwise.

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Military experience, particularly with field medical units, essential. Should be graduate of the Medical Field Service School. Medical group or battalion commander should be graduate of the Command and General Staff School.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### HOSPITAL COMMANDER (3501)

Commands a hospital and is responsible for administration, training, and discipline of personnel. Directs admission, classification, care, treatment, and discharge of patients, and the carrying out of all measures pertaining to their welfare; directs preparation of reports, registers, and records, safeguarding of all Government property of command, proper expenditure of funds, and preparation of requisitions, returns, and pay rolls.

Should have experience in directing activities of Army hospitals.

Must be graduate of a medical school approved by The Surgeon General and have completed 1 year internship.

### AMBULANCE OFFICER (3503)

Commands ambulance unit and supervises the evacuation of wounded to a treatment station. Supervises the unit in administering first aid and transporting wounded to ambulance; in garrison, conducts training of unit in all of the above functions; supervises vehicle maintenance; requisitions and issues supplies and keeps supply records.

Military experience must include officer candidate school training or equivalent. Completion of course at Medical Field Service School desirable.

Several months experience or training in first aid very desirable.

College training desirable.

### LITTER OFFICER (3504)

Commands activities of litter bearers in combat. Supervises locating of battle casualties, application of first-aid measures, and determination and tagging of various types of casualties; supervises handling and transportation of wounded to an axis of ambulance evacuation; in garrison, directs training of subordinates in performance of combat functions.

Completion of course at Medical Field Service School desirable.

Several months experience or training in first aid very desirable.

College training desirable.

### SUPPLY OFFICER, GENERAL (4000)

Supervises the receipt, storage, maintenance, and issue of general supplies within a unit. Supervises the loading, unloading, and proper storage of supplies; edits requisitions and supervises the issue and distribution of supplies; supervises the taking of inventories and estimates unit requirements to insure maintenance of stock levels; supervises transmission of information as to amount, kind, value of supplies and equipment received, issued, or expended, and amount of supplies on hand. May supervise packing, marking, and shipment of materials.

Must have thorough knowledge of recognized commercial methods of storage, care, and distribution of general merchandise and supplies. Must have ability to organize and manage supply unit. Should be familiar with perpetual inventory and control methods. Should have general knowledge of shipping and transportation details and problems.

Military experience including completion of supply course in appropriate arm or service desirable.

Civilian experience in the purchase, storage, or distribution of general merchandise very desirable.

### SOURCE JOBS

Chief Stock Clerk  
Foreman, Storage  
Storekeeper

Warehouse Manager  
General Purchasing Agent

### SUPPLY AND EVACUATION STAFF OFFICER (4010) (G-4, A-4, S-4\*)

Prepares policy and directs all activities concerned with arrangements for supply, transportation, evacuation, and other related administrative matters. Advises the commanding officer relative to the extent of administrative support that can be given to any proposed strategic or tactical line of action; makes recommendations as to the necessary decisions concerning supply and evacuation; issues orders and directs their execution; plans for and directs activities concerning the procurement, storage, and distribution of supplies and the location of supply, evacuation, and maintenance establishments; plans for and directs the construction of roads, trails, docks, airdromes, military railways, and utilities relating to supply,

\*S-4 performs the above duties on a lower level of responsibility in a regiment or lower echelon.

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shelter, transportation, and hospitalization; plans for and directs activities pertaining to property responsibility, funds, priority of expenditures, and maintenance of pertinent records; recommends and directs activities concerned with salvage, protection of lines of communication and rear establishments, and the location of rear boundaries and rear echelon headquarters; initiates, authenticates, and distributes both fragmentary and complete administrative orders, and coordinates with G-3 for details of tactical plan and with G-1 for details pertaining to activities supervised by the personnel section.

Must have thorough knowledge of Army organization procedures, military command, and tactical employment of units.

Considerable military experience essential. Should be graduate of a special service school or Command and General Staff School.

Should have extensive civilian executive experience with large manufacturing or distributing organizations.

Should be college graduate.

### QUARTERMASTER, STAFF (4015)

Prepares policies and supervises arrangements for receiving, storing, issuing, and distributing quartermaster supplies, and the performance of other quartermaster functions and related administrative matters. Advises commander on quartermaster supply problems in connection with any proposed strategic or tactical line of action; makes recommendations as to the decisions concerning such problems; and prepares orders and supervises their execution. Plans for and supervises activities concerning the procurement, storage, and distribution of quartermaster supplies and makes recommendations concerning location of distributing points, salvage collection points, and other quartermaster establishments and facilities. May command quartermaster troops organically assigned to unit.

Must have thorough knowledge of Army supply system and considerable administrative ability.

Military experience essential. Should be graduate of a supply service school or Command and General Staff School.

College education in business administration or equivalent training and experience essential.

### MESS OFFICER (4110)

Supervises mess operations or field kitchens. Supervises the procurement of food and the preparation of menus within ration allowances; supervises the serving and preparation of food in accordance with

established sanitary and dietetic principles; maintains adequate supplies and supervises the keeping of records and reports; conducts tours of inspection and promotes adequate training programs to provide for efficient mess management.

Must have sufficient knowledge of dietetics to prepare and maintain a balanced diet. Must be able to supervise the preparation of palatable meals in makeshift as well as fixed kitchens. Must have knowledge of accounting and inventory methods as they apply to food.

Basic military experience essential. Should be a graduate of Army Cooks and Bakers School.

Several years civilian experience in the management of an eating establishment feeding large numbers of persons very desirable.

### SOURCE JOBS

#### Head Chef

Restaurant, Hotel, or Club Manager

### MESS, SUPPLY, AND TRANSPORTATION OFFICER\* (4113)

Supervises mess, supply, and motor transport operations. Requisitions, stores, and issues necessary supplies and equipment; supervises preparation and serving of food; inspects kitchen personnel, maintains efficient operation of the mess, and supervises mess accounting operations; directs the dispatch and maintenance of all motor vehicles within the unit, inspecting and issuing orders for proper use and minor repair of vehicles.

Should have knowledge of record keeping and be familiar with maintenance and operation of motor vehicles.

Military experience essential, with training and experience in some phase of the operations desirable.

Civilian experience in an administrative position desirable.

### BAKERY OFFICER (4120)

Directs or supervises the operation of a bakery at a post, camp, station, or field installation. Directs the erection of equipment and the acquisition of and accounting for bakery supplies; supervises operations to insure proper quality and desired amount of product; supervises care, maintenance, and repair of equipment and is responsible for efficiency and training of unit. May command a field bakery unit and be re-

\*This title and code to be used only when two or all of the above duties are performed jointly. When any one of the above constitutes a primary duty, use appropriate code and title.

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sponsible for administration, technical and tactical training, transportation, and supply.

Must have a knowledge of practical baking, including the mixing of doughs and sponges, dough punching, molding, rounding, proving, oven control, and the use of ferments and other ingredients. Must understand the use of baking tools and accessories and the operation of bake ovens and their mechanical and electrical equipment. Must have a knowledge of bakery accounting and the care and preservation of bakery supplies.

Basic military experience in a field bakery very desirable. Should be a graduate of an Army bakers school.

Civilian supervisory experience in the production of bread and bake goods very desirable.

Advanced or specialized training in food technology desirable.

### SOURCE JOBS

Bakery Manager                      Bakery Foreman

## SUBSISTENCE PROCUREMENT OFFICER (4130)

Supervises and coordinates the procurement, storage, and distribution of subsistence stores, rations, forage, grain, and subsistence supplies. Supervises the procurement of supplies on a local, regional, or other basis; directs the warehousing of these stores so that the available space is used to the best advantage and stores protected from deterioration and damage; establishes distributing and receiving points when in the field; effects the issuance of supplies from depots to troops; conducts inspections of subsistence stocks and supervises taking of inventories; performs administrative duties relative to personnel, correspondence, and reports. May direct a force of civilians engaged in the storage of subsistence supplies.

Must be familiar with quality standards, market prices, sources of supply, and practices used in the marketing of subsistence items, including perishables. Must have good knowledge of warehousing and distribution of subsistence items.

Normally requires several years civilian experience in supervisory capacity with large wholesale grocery or chain store organizations.

### SOURCE JOBS

Warehouse Superintendent          Manager, Warehouse or Storage Plant  
Manager, Wholesale Grocery        District or Division Manager, food chain store system

## ARMY EXCHANGE OFFICER (4210)

Supervises the operation of a military exchange, having responsibility for purchasing, warehousing, merchandising, accounting, and personnel. Interviews salesmen; compares prices with Army exchange price lists; confers with superior and other officers relative to purchase of new items of equipment and merchandise; supervises the preparation of purchase orders for supplies, and contracts with concessionaires; supervises banking of receipts, keeping of specified control accounts, proper maintenance of inventories, and preparation of pay roll and financial reports; develops plans for improving exchanges and for establishing additional branches; prepares correspondence concerning accounts; supervises military and civilian personnel. In a large organization, may direct and supervise subordinate officers charged with the administration of individual exchange units such as purchasing, accounting, warehouse, and sales. May command a mobile exchange unit and be responsible for its administration, training, supply, and transportation.

Must be thoroughly familiar with double entry book-keeping, stock accounting, and sales accountability. Must have knowledge of pertinent Army Regulations.

Military experience including completion of course at Army Post Exchange School very desirable.

Managerial experience in wholesale or retail merchandising field very desirable.

### SOURCE JOBS

Purchasing Agent, Manager, department store                      store  
Manager, chain store

## SALES OFFICER (4222)

Supervises the operation of a fixed or mobile commissary unit in the field. Consolidates and approves stock requisitions; supervises the storage and sale of commodities other than ration articles; verifies sales reports and reports of funds; checks inventory reports; consults with and advises commanding officer on sales policies. May supervise demonstration operations of mobile commissary unit. May command mobile sales commissary unit and be responsible for its administration, tactical and technical training, transportation, supply, and security.

Must have general knowledge of accounting and ability to manage a retail outlet.

Military experience, including completion of course in Army supply school very desirable.

## MILITARY CLASSIFICATION AND CODING

Civilian supervisory experience in retail merchandising very desirable.

### SOURCE JOBS

Retail Store Manager      Sales Manager

### PURCHASING AND CONTRACTING OFFICER (4310)

Directs or supervises purchasing and contracting of supplies, equipment, and services. Consults with staff and procurement officers on needs and buying problems; supervises the preparation of bids, making of awards, and preparation of contracts in accordance with basic laws and pertinent regulations; reviews contracts for conformity with statutes and regulations; prepares correspondence incident to purchase; checks for compliance with priority rating certificates and classifies materials and supplies according to use, destination, or other factors; assigns and allocates purchased supplies and services; supervises the maintenance of finance records and prepares reports; coordinates necessary financial assistance. May investigate reliability of manufacturers and distributors and their ability to fulfill contracts. May formulate procedures for inspection of delivered supplies to enforce compliance with contract requirements.

Must have thorough knowledge of recognized commercial methods of purchasing and contracting, contract laws, and the preparation of contracts and purchase orders. Should be thoroughly conversant with Army Regulations covering procurement activities of the War Department.

Should have military experience, including training or experience in procurement activity.

Civilian experience in buying or purchasing very desirable.

Should have college degree with specialization in business administration or commercial law and accounting.

### SOURCE JOBS

Purchasing Agent      Contract Lawyer  
Buyer      Sales Engineer  
Manufacturer's Agent      Commodity Broker

### SIGNAL SUPPLY OFFICER (4400)

Directs or supervises receipt, storage, care, maintenance, and issuance of Signal Corps supplies. Supervises handling and warehousing of incoming shipments and maintenance of stock records; supervises inspection, storage, and inventory of supplies;

supervises processing of requisitions, packing, marking, and loading of shipments, and preparation of shipping papers; supervises operation of repair, test, and salvage units. May supervise local procurement and inspection at point of delivery. May perform like functions for supplies and equipment of any arm or service used by Signal Corps. May command a field supply unit, a signal supply depot or signal section of a general depot and be responsible for administration training, supply, transportation, and security.

Must be thoroughly familiar with Army organization, Tables of Basic Allowances, Tables of Allowances, and Army Regulations dealing with transportation, warehousing, accounting, and local procurement of military supplies.

Military experience in administration of a signal supply depot or depot sections essential. Should have completed supply course in a Signal Corps school.

Civilian experience in modern methods of receiving, warehousing, and issuing valuable and delicate instruments, including electrical or communication equipment, essential.

### SOURCE JOBS

Manager, communication equipment stock room	Branch Manager, communication equipment manufacturing
Traffic Manager, electrical supply	

### MAINTENANCE AND REPAIR OFFICER, AIRBORNE SIGNAL EQUIPMENT (4402)

Supervises the repair and installation of Signal Corps airborne and related equipment. Prepares instructions for the repair and care of signal equipment and trains crews in repair and installation operations; inspects and checks spare part and test equipment; recommends bases for issue of spare parts and test equipment to Air Service Command or Army Air Forces.

Military experience including field training and experience in communication essential.

Civilian experience in radio engineering with specialization in manufacture, service, and operation very desirable.

College degree in electrical engineering with specialization in radio engineering very desirable.

### SOURCE JOBS

Electronic Engineer	Radio Engineer
Radio Technician	

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

### SUPPLY OFFICER, DEPOT (4410)

Supervises the requisitioning, receipt, storage, maintenance, and issue of supplies at an area or general depot. Supervises the requisitioning of quartermaster or general supplies to maintain stock levels; supervises the unloading and loading of supplies and their storage in proper sections of the depot according to respective arms or services; supervises the issue of supplies and the maintenance of supply records and inventories; controls a labor pool and its allotment to various supply sections; administers general or technical supervision over enlisted personnel and maintains personnel records. May supervise the receipt, inspection, and classification of surplus equipment turned in by staging area troops.

Must have thorough knowledge of recognized commercial methods of storage, care, and distribution of general merchandise and supplies. Must have good knowledge of shipping and transportation problems and details. Should be familiar with perpetual inventory and control methods.

Military experience including training in quartermaster supply activities very desirable.

Civilian experience in storage and distribution of general merchandise very desirable.

#### SOURCE JOBS

Warehouse Manager	Commodity Distributor
Shipping or Receiving Room Foreman	Chief Storekeeper

### SUPPLY OFFICER, ADMINISTRATIVE (4411)

Supervises an administrative organization engaged in the maintenance of records and operating procedures pertaining to supply functions. Supervises processing of requisitions including editing in accordance with stock numbers, nomenclature, Tables of Basic Allowances, and Tables of Allowances; maintains current catalog of supplies and identification of listed material for initiating action relative to emergency procurement of material not in depot stocks; coordinates and secures action on unit shortages and on shipments to and from installations and other establishments; supervises the keeping of inventory records and preparation of stock adjustment, inventory inspection, and survey reports; prepares correspondence incident to general supply problems and confers with superior officers on supply matters.

Should be thoroughly familiar with methods and procedures involved in stock accounting. Should have knowledge of shipping procedures, packing, crating, and recording.

Military experience, including thorough training in supply, organization, and procedures desirable.

Several years civilian supervisory experience in storage and distribution of various commodities very desirable.

#### SOURCE JOBS

Warehouse Manager	Bookkeeper
Foreman, storage, shipping, or receiving department	Stock Record Clerk Purchasing Agent

### SIGNAL EQUIPMENT MAINTENANCE AND REPAIR OFFICER (4415)

Directs or supervises the receipt, storage, testing, maintenance, repair, overhaul, and reissue of damaged or defective Signal Corps equipment at a depot or repair shop. Supervises routine and emergency inspection and maintenance to insure proper operation; directs identification and return of items for repair; requisitions and may procure replacement parts and supplies; directs testing, repair, and overhaul of equipment, recovery of usable components of irreparable equipment, and packing and shipping of repaired equipment; prepares reports on status of major items and causes of failure in operations. May recommend procedures for conservation and handling of equipment at maximum effectiveness. May train personnel in repair techniques.

Should be familiar with operation of machine tools used in communication equipment repair and jobbing shops.

Military experience including training and experience in field operation of communication equipment essential. Must have thorough knowledge of communication equipment and supplies.

Civilian supervisory experience in maintenance and servicing of radio, telephone, telegraph, teletypewriter, photographic, or other complex, closely adjusted equipment essential.

College or advanced training in mechanical, electrical, or communication engineering desirable.

#### SOURCE JOBS

Repair Shop Foreman, communication equipment	Radio Technician Camera Repairman
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### RAILHEAD OFFICER (4417)

Commands a railhead unit and is responsible for receipt, unloading, custody, and distribution of general supplies. Inspects contents of incoming cars or

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trucks to verify quantity and condition of supplies; directs unloading, segregation, and storage of supplies, taking precautions to protect perishable and inflammable commodities; distributes rations and supplies to authorized units; maintains liaison with civilian or military railroad and motor transport personnel to expedite movement of incoming and outgoing equipment; supervises preparation of daily reports of actual issues and stock on hand and is responsible for administration, discipline, supply, transportation, and security of the unit.

Must have knowledge of recognized commercial methods of storage, care, and distribution of general merchandise and supplies. Should have good knowledge of shipping and transportation details and problems.

Military experience including completion of quartermaster supply course essential.

Civilian experience in purchase, storage, or distribution of various types of general merchandise desirable.

### SOURCE JOBS

Warehouse Manager	Storekeeper
Platform Foreman, freight terminal	Motor Freight Terminal Manager

## QUARTERMASTER SUPPLY OFFICER (4419)

Directs or supervises receipt, storage, maintenance, and issue of quartermaster supplies and equipment. Exercises general and specialized supervision over procurement, storage, and distribution of food, clothing, and general supplies; supervises loading, unloading, and inspection of incoming and outgoing supplies; prepares lay-out and issues instructions for the proper storage and segregation of various types of perishable and inflammable supplies; supervises editing and filling of requisitions; supervises packing, crating, and marking of supplies and arranges with transportation sections for shipment; directs the taking of inventories and initiates action necessary to establish and maintain adequate stock levels; directs the preparation of reports and is responsible and accountable for quartermaster funds. May command a quartermaster depot or a quartermaster section of a general depot.

Must have thorough knowledge of recognized commercial methods of storage, care, and distribution of general merchandise and supplies. Should have good knowledge of shipping and transportation details and problems. Must have ability to organize and manage supply unit. Should be familiar with perpetual inventory and control methods.

Military experience including completion of a course in quartermaster supply essential.

Civilian supervisory experience in purchase, storage, and distribution of general merchandise and supplies very desirable.

### SOURCE JOBS

Buyer, food	Warehouse Manager
Buyer, clothing	Distributor, food products

## AUTOMOTIVE SUPPLY OFFICER (4440)

Directs or supervises receipt, inspection, storage and distribution of automotive parts and equipment. Supervises inventory, issue, and shipment of motor vehicles, automotive parts and equipment used by various arms and services; supervises the arrangement and storage of vehicles, replacement parts, oils, fuels, tools, tires, and other equipment with due consideration to fire hazards and perishable products; initiates the filling of requisitions from available stocks and recommends suitable substitutions for items not in stock; supervises the packing and crating of supplies and the making of shipping arrangements; supervises the taking of inventories and the maintenance of appropriate stock records. May command an automotive supply depot and be responsible for administration, and technical and tactical training, transportation, supply, and security.

Must be thoroughly familiar with technical aspects of automotive equipment and have good knowledge of related parts. Must have technical knowledge of interchangeability and substitution of automotive parts. Should have good knowledge of automotive storage and service maintenance operations.

Military experience including training in automotive supply work essential.

Considerable civilian experience of a responsible nature in the procurement, storage, and distribution of automotive vehicles and equipment essential.

### SOURCE JOBS

Automobile Dealer	Automobile Service
Parts Manager, auto	Manager
supply	Auto Parts Distributor

## LABOR SERVICE OFFICER (4451)

Directs or supervises the operation of a labor service unit. Controls a labor pool and is responsible for assigning labor to assist various operating units in performing such operations as loading and unloading of supplies, collection of salvage, repair of roads and highways, burial of the dead, and other unskilled or

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semiskilled tasks as the need may arise in fulfillment of a military objective; periodically inspects equipment to determine adequacy and condition; directs the maintenance of organization records and preparation of reports. May command a field labor service unit and be responsible for its administration, tactical and technical training, transportation, supply, and security.

Military experience essential. Should have advanced training commensurate with grade.

Civilian supervisory experience in handling labor forces very desirable.

### SOURCE JOBS

Construction Foreman  
Freight Terminal Fore-  
man

Warehouse Superinten-  
dent  
Yard Foreman  
Labor Foreman

### ENGINEER SUPPLY OFFICER (4470)

Directs or supervises receipt, storage, maintenance, and issuance of engineer supplies and equipment at a depot, port or other military installation. Supervises the loading, unloading, and storage of material; inspects engineer equipment to insure compliance with specifications; edits requisitions and supervises the issuance of supplies and equipment; supervises the assembly, packing, and marking of items and issues instructions for shipment; supervises the taking of inventories and the preparation of over, short, and damage reports and keeps commanding officer advised on status of supplies. May store and issue such supplies and equipment as metal and wood hulls, ship stores, marine engine assemblies, and replacement parts. May conduct emergency procurement of replacement items not available from depot stock. May supervise engineer supply depot or engineer section of a general depot.

Must be familiar with operations of large storage industries covering reconsignments and processing of intransit materials. Should be familiar with engineering supplies and equipment including such equipment as wood and metal hulls, marine engine parts, and ship stores.

Military experience including completion of a course at engineer supply school very desirable.

Civilian supervisory experience in procurement and distribution of various types of heavy construction equipment very desirable.

### SOURCE JOBS

Sales Engineer, construc-  
tion equipment  
General Contractor

Construction Superintend-  
ent

### MEDICAL SUPPLY OFFICER (4490)

Procures, stores, issues, and accounts for medical supplies and equipment. Audits and controls disbursement accounts for local purchases or services for Medical Department activities; supervises the maintenance and repair of Medical Department furniture and equipment; makes inventories and personally issues restricted medical supplies; directs the warehouse storage of medical supplies; supervises the maintenance of adequate inventory records and the preparation of reports and records; as a member of the staff, advises the commanding officer on medical supply matters. May supervise the installation of hospitals and supplies on board ship or at fixed bases.

Must have thorough knowledge of medical supply items and be familiar with the procurement, storage, and accounting of same. Must be thoroughly familiar with supply sources, warehouse accounting methods, and Army Medical Supply Catalog. Should be familiar with hospital administration.

Should have military experience including training in the handling of medical supplies. Completion of courses in Army Medical Field Service School very desirable.

Several years civilian supervisory experience in the warehousing or distributing of medical supplies desirable.

College training including courses in chemistry and business administration very desirable.

### SOURCE JOBS

Purchasing Agent, medi-  
cal supplies and equip-  
ment  
Medical Supply Ware-  
house Manager  
Manager, Pharmaceutical  
manufacture

Sales Manager, medical  
and surgical supply  
company

Hospital Superintendent  
Hospital Business  
Manager  
Hospital Property  
Custodian  
Pharmacist

### CHEMICAL SUPPLY OFFICER (4500)

Directs or supervises receipt, storage, surveillance, issue, and shipment of chemical warfare supplies for a depot, port, post, installation, or field unit. Supervises loading and unloading of supplies; directs the

## MILITARY CLASSIFICATION AND CODING

segregation and storage of incendiaries, bulk chemical agents, and chemical munitions to provide adequate protection against fire hazards, deterioration, and sabotage; supervises the filling of requisitions, packing, crating, and proper marking of shipments, and preparation of reports and records; conducts periodic inspection of chemicals and containers to insure that reasonable safety precautions have been observed and that material is in satisfactory condition; supervises the maintenance of fiscal accounts and perpetual inventory of supplies on hand and keeps higher headquarters advised on status of stock. May supervise operations of a chemical warfare supply depot or a chemical section of a general depot. May command a chemical air operations unit.

Must be thoroughly familiar with chemical agents and chemical munitions and be able to provide the greatest security for materials.

Military experience essential. Should have completed a course at Chemical Warfare School or have experience as a chemical officer.

Civilian supervisory experience in storage and distribution of chemical supplies very desirable.

### SOURCE JOBS

Foreman, chemical plant	Warehouse Manager,
Purchasing Agent,	chemical
chemical	Shipping Foreman,
	chemical

### MUNITIONS OFFICER (4510)

Supervises the requisition, receipt, and distribution of ammunition within organizational unit. Directs preparation of required forms and the maintenance of records incident to the requisitioning and distribution of ammunition; obtains necessary munitions from supply depots or dumps and distributes to troops for use in training or combat; supervises the establishment and operation of local munitions dumps and maintains adequate ammunition credits and stock levels; informs commanding officer regarding supply status. May direct the salvage of ammunition left at battery positions. May supervise the storage of ammunition and instruct in its care and handling.

Military experience in ammunition or ordnance supply essential.

Civilian experience in accounting and auditing, or in receiving and shipping, desirable.

### SUBMARINE MINE PROPERTY OFFICER (4511)

Supervises assembling and loading of submarine mines and is responsible for the procurement, storage,

preservation, issue, and accounting of mine property. Supervises subordinates in testing and inspecting firing devices, submarine cables, detonating caps, mine cases and other components of submarine mines prior to assembly; directs loading of mine case and assembly of firing mechanism and watertight connectors; establishes emergency measures for loading and assembling mines when regular equipment is not available; inspects loaded mines to insure conformance with specifications; issues mines and mine equipment, tools, and supplies for mine installations; periodically inspects supplies, tools, and equipment to determine adequacy and serviceability; is responsible for compliance with instructions for modification and changes in equipment; maintains file of detail and assembly drawings of available mine equipment; supervises the training of subordinate personnel.

Must be thoroughly familiar with the construction, maintenance, assembly, and loading of submarine mines. Must have knowledge of standard safety precautions to be observed when handling explosives. Should have thorough knowledge of Army supply and administrative procedures.

Military experience, including completion of a course in submarine mines at Coast Artillery Mine School, essential.

Several years responsible civilian experience in warehousing, assembly, and shipment of explosives and related items very desirable.

### ORDNANCE OFFICER, STAFF (4512)

Prepares policies and directs arrangements for receipt, storage, maintenance, and issue of ordnance equipment, supplies, and ammunition. Advises unit commander and staff on all ordnance technical problems in connection with any proposed strategic or tactical line of action, and makes recommendations as to the necessary decisions concerning such problems; issues orders and supervises their execution; plans for and directs the supply of ordnance equipment and matériel, including the supply of ammunition to troops as far forward as refilling points; anticipates requirements of the unit and maintains accurate records of the status of ammunition and ordnance supplies; supervises the operation of ordnance storage, and maintenance and repair facilities, including salvage; conducts periodic technical inspections of ordnance matériel; collects information concerning ordnance matériel used by our troops and that used by the enemy; directs the training of ordnance personnel and the maintenance of pertinent records. May be responsible for the dissemination of ordnance technical publications. May command attached ordnance troops.

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Must have thorough knowledge of ordnance maintenance and ammunition supply and possess considerable executive and administrative ability to direct and coordinate the work of a large organization.

Military experience essential. Should have training as commander of an ordnance maintenance organization, including some staff duty.

Should be graduate from college or university with major courses in mechanical engineering or have equivalent training.

### CHEMICAL INSPECTION OFFICER (4513)

Supervises and conducts the inspection of chemicals and chemical supplies upon receipt, storage, or shipment. Examines containers and packages to ascertain that reasonable safety precautions have been observed and that material is in satisfactory condition for further transit; inspects warehousing and storage-transit operations to insure that chemical materials are properly stored and that adequate protection has been provided against personnel injury or fire hazards. May instruct personnel in proper handling of chemical warfare material. May check individual equipment of troops at ports of embarkation to insure adequacy against chemical warfare attacks.

Must be thoroughly familiar with safety measures associated with the packing, crating, shipping, and handling of chemicals used in chemical warfare.

Should have civilian experience in a responsible technical or production capacity in a plant specializing in manufacture of chemicals and chemical supplies.

#### SOURCE JOBS

Chemical Engineer	Inspector, chemicals
Commercial or Industrial Chemist	Shipping Foreman, chemicals

### AMMUNITION SUPPLY OFFICER (4514)

Directs or supervises the activities of personnel engaged in the receipt, storage, classification, and distribution of ammunition. Directs the tactical and technical training of unit; conducts surveys of allotted area, prepares reports, and submits recommendations concerning the establishment of ammunition supply points; establishes requirements for initial stockage; coordinates labor and transportation required in the operation of an ammunition depot or magazine; supervises receipt and classification of ammunition; plans and arranges storage facilities to provide adequate protection against deterioration, fire hazards, and

sabotage; maintains records and prepares schedules for issue of ammunition. May maintain liaison with higher echelons for instructions regarding disposition of enemy ammunition. May supervise preparation of lists of ammunition for use in firing captured weapons. May instruct classes in problems and procedures of ammunition supply including classification and storage of ammunition and explosives. May supervise operation of ammunition depots or the ammunition supply section of a general depot.

Must have thorough knowledge of ammunition and ammunition supply problems, including safety methods in storage.

Military experience in ammunition supply essential. Junior grade officers must have completed a course in ammunition supply. Senior grade officers must have experience as commanding officer of an ammunition supply company.

Considerable civilian supervisory experience in the storage and distribution of chemicals, explosives, and inflammable materials desirable.

Technical school training desirable.

#### SOURCE JOBS

Chemical Engineer	Mechanical Engineer
Munitions Handler Fore-man	Plant Safety Inspector

### ORDNANCE SUPPLY OFFICER (4530)

Supervises the receipt, storage, care, and issue of ordnance general supplies and equipment at a depot, port, or other military installation. Directs the training and administration of personnel; supervises the loading, unloading, and storing of supplies and equipment; supervises editing and filling of requisitions and maintenance of supply records; supervises marking of shipments and transmittal of information with regard to shipments to consignees; supervises the taking of inventories and preparation of reports. If operating at a port, checks and inspects ordnance matériel to insure completeness and conformance with specifications as to model and type; initiates action necessary to fill shortages of equipment for troops in transit, for oversea supply, and for port troops. May command an ordnance depot or ordnance section of a general depot.

Military experience in ammunition or ordnance supply essential. Should have completed a course in the Army Ordnance School.

Civilian experience in a supervisory capacity in the warehouse and distribution of mechanical equipment and supplies very desirable.

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### SOURCE JOBS

Distributor, Automotive and Heavy Industrial Equipment      Warehouse Manager  
Shipping Agent

Maintenance Superintendent, Heavy Industrial Equipment

### AVIATION ORDNANCE OFFICER (4532)

Supervises ordnance facilities at airdromes and bases, including maintenance of organically assigned vehicles, maintenance of small arms and cannons, and supply of ammunition. Directs the administration and training of personnel; supervises storage and delivery of bombs, pyrotechnics, and ammunition ready for use to air force units; supervises the assembly, disassembly, repair, and installation of aircraft armament; directs preparation of organization reports and records; provides technical advice to air force unit commander.

Must have thorough knowledge of bombs, fuzes, pyrotechnics, and small-arms ammunition. Should be familiar with the employment of such equipment as lathes, drill presses, and various hand, bench, and woodworking tools.

Military experience including completion of a course in aviation ordnance essential. Training in ammunition and supply desirable.

Civilian experience in manufacture or renovation of ammunition desirable.

### SOURCE JOBS

Aircraft Armament Mechanic      Manufacturer or Inspector, Explosives and Ammunition

Ammunition Loading Foreman      Ammunition Warehouse Supervisor

Machinist, Arsenal

### AUTOMOTIVE OFFICER, STAFF (4541)

Prepares, supervises, and coordinates plans and policies for motor vehicle maintenance, operation, and supply throughout the command. Directs distribution of motor vehicles and supervises procurement of parts, accessories, and tools; supervises maintenance and operation of motor vehicle equipment by organizations and installations of command; makes inspections to determine repair or replacement requirements and adequacy of repairs accomplished; renders technical advice on all automotive matters to staff and units of command and makes recommendations for improvement of motor maintenance and transport operations;

directs maintenance of records pertaining to automotive procurement and repair.

Should be familiar with fuel and parts supply, and operation and maintenance of wheeled vehicles. Must be able to supervise salvaging and reconditioning of interchangeable parts, and reassembly of vehicles with replacement parts.

Military experience essential. Should have completed courses in automotive maintenance.

Civilian administrative experience in the automotive industry essential.

Should be college graduate with specialization in automotive or mechanical engineering.

### SOURCE JOBS

Automotive Service Manager	Automotive Engineer
Truck Fleet Operator	Mechanical Engineer

### SALVAGE COLLECTING OFFICER (4601)

Supervises the collection, sorting, basic classification, and evacuation of all classes of salvage at salvage collecting points, salvage dumps, railheads, and evacuation depots. Maintains liaison with commanding officer in area of operations to coordinate salvage collection activities and to establish advance salvage dumps; supervises collection of abandoned property and unserviceable supplies and equipment; supervises sorting, basic classification, packing, crating, and marking of recovered items and arranges for evacuation to salvage repair units, salvage depots, and repair shops and depots of appropriate arms and services; supervises the maintenance and repair of unit equipment and maintains adequate supply of spare parts and materials; is responsible for tactical and technical training, administration, transportation, supply, and security of unit.

Should have a thorough knowledge of military supplies and equipment of various arms and services. Should be familiar with commercial methods of classification and sorting of waste materials and general reclamation methods.

Military experience, including training in quartermaster salvage work essential.

Civilian experience in sorting and classification of salvage very desirable.

### SOURCE JOBS

Yard Foreman, salvage company	Operator, salvage firm
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### ORDNANCE EVACUATION OFFICER (4620)

Supervises evacuation of damaged track-laying and wheeled vehicles from battlefield to proper repair echelon. Recovers ordnance matériel that can be evacuated including all possible enemy weapons and vehicles for reuse or intelligence purposes; inspects matériel to determine whether salvageable and to which repair echelon it is to be sent.

Must be thoroughly familiar with wrecker and recovery equipment. Should have comprehensive knowledge of ordnance matériel, especially automotive equipment, to enable swift and accurate analysis in field.

Military training in combat tactics essential. Should include course in disposal of booby traps.

Civilian experience in assembly and disassembly and moving of heavy industrial or construction equipment very desirable.

Technical school training very desirable.

### SOURCE JOBS

Master Mechanic	Hauling Contractor,
Millwright	heavy equipment
Manager, truck fleet	Mechanical Engineer
operations	

### WAREHOUSE OFFICER (4710)

Supervises the receipt, inspection, storage, and issue of supplies and equipment at a military installation. Prepares floor plan, dimensions, storage capacity, and locator system of storage facilities; controls the assignment of space and directs the storage of supplies; supervises selection, packing, crating, and marking of supplies and expedites incoming and outgoing shipments; directs the taking of inventories and determines quantities to be requisitioned to maintain stock levels; inspects storehouses and surrounding areas to insure proper storage and maintenance of materials; develops methods of fire prevention and property safeguarding so as to prevent losses of property; maintains files and records incident to operation of warehouse. May develop plans for rapid movement of supplies and facilities to new location in theater of operations. May supervise storage and issue of subsistence items.

Must be familiar with warehousing methods including the employment of warehouse mechanical equipment. Should have good knowledge of nomenclature of military supplies.

Military experience desirable. Should have completed supply courses appropriate to branch of service. When working with subsistence stores, should have completed a course at Bakers and Cooks school.

Civilian experience in a supervisory capacity in warehousing operations essential.

### SOURCE JOBS

Warehouse Manager	Storekeeper
Shipping Foreman	Receiving Foreman

### COLD STORAGE WAREHOUSE OFFICER (4712)

Supervises the receipt and storage of refrigerated foods and other perishable products. Supervises the unloading, loading, and storage of meats, meat foods, dairy, and other perishable products in refrigerated cars or trailers; checks incoming supplies to determine correctness of net weight, count, or measures; periodically inspects chilling and freezing compartments to insure maintenance of proper temperatures; coordinates activity of unit with that of the butchery and refrigeration units and attached veterinary personnel; supervises preparation and maintenance of unit reports and records. May command a cold storage unit in the field and be responsible for its administration, training, transportation, supply and security.

Must have thorough knowledge of temperature control and of proper storage conditions for various types of perishable commodities. Should be familiar with use of various types of refrigerants. Must be able to supervise the work of truckers, scalers, freezer men, and platform men.

Military experience, including training in quartermaster supply activities, very desirable.

Civilian supervisory experience in storage and distribution of perishable commodities essential.

### SOURCE JOBS

Packing House	Cold Storage
Foreman	Warehouseman

### BUTCHERY OFFICER (4713)

Supervises operations of a butchery unit. Supervises the installation and arrangement of cutting and boning room equipment to provide efficient and progressive movement of meat; supervises the cutting, boning, and dressing of carcasses and wholesale market cuts of meat, fish, and poultry; instructs and supervises personnel in use, maintenance, and repair of butchery equipment; coordinates activities of unit with that of the cold storage and refrigeration units; supervises the preparation and maintenance of unit reports and records. May supervise operations of defrosting room. May supervise slaughtering and dressing operations when necessary to procure live animals. May command a butchery unit in the field and be

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responsible for its administration, training, transportation, supply, and security.

Must be thoroughly familiar with various types of wholesale and retail cuts of meat. Must be able to instruct and supervise personnel in use and operation of butchery equipment. Should have general knowledge of the functions of cold storage and refrigeration units.

Military experience including training at Bakers and Cooks School essential.

Civilian experience in cutting and boning of meat very desirable.

### SOURCE JOBS

Foreman, packing house	Foreman, slaughter house
Butcher	Head Boner
Meat Cutter	

### REFRIGERATION OFFICER (4714)

Supervises operations of a refrigeration unit. Supervises manufacture of ice and refrigeration brine; instructs and supervises personnel in operation, maintenance, and minor repair of refrigeration, air conditioning, and ice-making machinery and equipment; periodically inspects refrigerated areas to insure maintenance of proper temperatures; coordinates activity of unit with that of storage and headquarters unit; maintains adequate supply of replacement parts and materials and prepares reports and records. May command a refrigeration unit in the field and be responsible for its administration, training, transportation, supply, and security.

Must have thorough knowledge of refrigerants and be able to install, operate, and repair refrigeration and air-conditioning machinery and equipment. Must be able to supervise the work of refrigeration engineers, refrigeration mechanics, welders, firemen, oilers, and temperature men.

Military experience including training in quartermaster supply activities very desirable.

Civilian experience in manufacture, installation, and repair of commercial refrigeration and air-conditioning equipment essential.

Technical school training in refrigeration and air conditioning or equivalent in practical experience essential.

### SOURCE JOBS

Refrigeration Engineer	Air Conditioning
Mechanical Engineer	Engineer

### ORDNANCE SHOP OFFICER (4801)

Directs or supervises activities of various sections of an ordnance repair shop engaged in the main-

nance, repair, and inspection of ordnance matériel. Supervises receipt and inspection of all incoming matériel; supervises assignment of matériel to proper sections for accomplishment of repair work; directs preparation and distribution of work orders and parts for various repair jobs; conducts periodic inspections to insure that operations of various sections are handled in an efficient and expeditious manner; establishes priority control system; prepares plans for current and future requirements of shops; directs maintenance of adequate stock materials, and keeping of reports and records. May command a field ordnance repair unit composed of artillery, armory, instrument, and automotive sections and be responsible for administration, tactical and technical training, transportation, supply, and security.

Must have thorough knowledge of automotive and mechanical repair work including carpentry, painting, welding, and machine-shop operations. Must have ability to organize and direct work of personnel engaged in these activities.

Military experience essential. Should include completion of courses in automotive, artillery, and small-arms maintenance at Ordnance Service School.

Extensive civilian supervisory experience in mechanical and maintenance work in a general repair shop essential.

### SOURCE JOBS

Machinist or Master Mechanic	Gunsmith
Service Manager, Automotive Equipment	Machine Shop Foreman Locksmith Millwright

### TANK MAINTENANCE AND REPAIR OFFICER (4803)

Directs or supervises the maintenance, repair, and inspection of tanks and track-laying vehicles. Directs the operation of repair shop and supervises repair of combat vehicles in field; supervises inspection of ordnance matériel to determine serviceability, completeness, and readiness for use; analyzes technical and operating difficulties of tanks and combat vehicles and provides corrective measures; maintains records and prepares reports. May command a field track-laying repair unit and be responsible for administration, tactical and technical training, supply, transportation, and security.

Must have thorough knowledge of maintenance and repair of heavy mechanical track-laying equipment. Should be familiar with power trains, armament, and suspension and electrical systems.

Military experience or training with ordnance main-

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

tenance unit, including completion of a course in repair of track-laying vehicles very desirable.

Experience in the manufacture, maintenance, or repair of heavy mechanical track-laying equipment or automotive equipment essential.

Should have college training in mechanical engineering or have equivalent in training and experience.

### SOURCE JOBS

Maintenance Superintendent, industrial plant	Millwright
Master Mechanic	Mechanical Engineer Automotive Engineer

## AUTOMOTIVE MAINTENANCE AND REPAIR OFFICER (4805)

Directs or supervises maintenance, repair, and inspection of all types of automotive equipment including general purpose vehicles, combat vehicles, motorcycles, and tanks. Supervises the operation of automotive repair shop; examines incoming equipment to determine amount and exact nature of repair; arranges for and assigns work detail; supervises the inspection of equipment to insure completeness of essential repair work, serviceability, and readiness for use; directs the maintenance of adequate stocks of materials and replacement parts and the keeping of records. May instruct, train, and conduct schools in repair and preventive maintenance for the using arm or service. May conduct classes at school or training centers. May command a field automotive repair unit and be responsible for administration, tactical and technical training, transportation, supply, and security.

Must have thorough knowledge of the maintenance and repair of automotive equipment such as general purpose vehicles, combat vehicles, and tanks. Must be familiar with the employment of such equipment as lathes, drill presses, grinders, gages and various hand or bench tools and be thoroughly familiar with ordnance matériel.

Military experience essential. Should include training and experience in automotive maintenance and machine-shop operation.

Civilian experience in the manufacture, maintenance, or repair of heavy mechanical or automotive equipment essential.

College training in mechanical engineering desirable.

### SOURCE JOBS

Mechanical Engineer Service Manager, Automotive Equipment	Automotive Maintenance Superintendent Automotive Engineer
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## FIRE CONTROL INSTRUMENT REPAIR OFFICER (4806)

Supervises the maintenance, repair, and inspection of fire control instruments. Examines equipment to determine amount and exact nature of repair; supervises personnel engaged in the disassembly, cleaning, adjustment, and repair of equipment; supervises the fabrication of replacement parts on precision machines; estimates requirements of repair facilities and directs the maintenance of adequate spare parts and supplies; maintains work under records and establishes priority system of work assignments; instructs and trains personnel in operations. May conduct classes in theory, adjustment, disassembly, assembly, and repair of fire-control instruments at schools or training centers.

Must be thoroughly familiar with theory, operation, disassembly, set-up, and adjustment of fire-control instruments. Should have basic knowledge of theory of optics, machine design, and electrical control devices.

Military experience in ordnance maintenance desirable. Should have completed special course in fire control instrument repair at ordnance school.

Several years civilian experience in manufacture or repair of precision instruments very desirable.

Technical school training very desirable.

### SOURCE JOBS

Instructor, Technical	Electrical Engineer
Mechanical Engineer	Radio Engineer
Instrument Maker	Tool and Die Maker
Machinist	

## ARMORY MAINTENANCE AND REPAIR OFFICER (4807)

Supervises the maintenance, repair, and inspection of all small-arms matériel. Examines incoming matériel for the amount and exact nature of repair; prepares work order and assigns work detail; supervises personnel engaged in the adjustment, replacing of damaged parts, and general repair of matériel; inspects all work accomplished to determine condition, completeness, and suitability for release; estimates and prepares plans for current and future requirements of spare parts and unit supplies; directs the preparation of reports and the maintenance of shop records. May instruct and train personnel of the using arm in the proper methods of maintenance and repair of small-arms matériel. May conduct classes at schools or training centers in the repair and maintenance of small arms.

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Must be familiar with the employment of such equipment as lathes, boring machines, drill presses, and various hand, bench, and woodworking tools. Should have a basic knowledge of the design and manufacture of small-arms matériel.

Military experience essential. Should have completed small-arms course at ordnance school.

Several years civilian experience in a supervisory capacity in automotive or machine shop operations desirable.

### SOURCE JOBS

Machine Shop Foreman	Millwright
Maintenance Mechanic	Gunsmith
Locksmith	Instrument Maker

### ARTILLERY MAINTENANCE AND REPAIR OFFICER (4808)

Supervises the inspection, repair, and maintenance of field, coast, and antiaircraft artillery. Makes periodic inspections of organizational matériel and recommends proper disposition or repair of unserviceable items; supervises the preparation of inspection reports and repair work orders; supervises the adjustment, replacement of worn-out parts, and the general repair of matériel; inspects all accomplished work to determine serviceability and readiness for field use; directs the maintenance of adequate stock materials and spare parts and the keeping of reports and records. May supervise maintenance and repair of mortars. May conduct classes at schools or training centers in the repair and maintenance of field, coast, and antiaircraft artillery.

Must have thorough knowledge of mechanical principles involved in the repair and maintenance of heavy equipment.

Military experience essential. Should have training in an artillery unit with training or additional experience in antiaircraft maintenance.

Several years experience in manufacture or repair of heavy equipment essential.

Technical or trade school training in mechanical or automotive fields essential.

### SOURCE JOBS

Master Mechanic	Millwright
Automotive Equipment Serviceman	Shop Maintenance Mechanic

### POWER TRAIN REBUILD OFFICER (4809)

Supervises maintenance, repair, and inspection of track-laying and wheeled vehicles with specific em-

phasis on transmission, differential, and power trains. Conducts inspection of incoming matériel to determine extent and nature of repair work required; assigns work detail and advises and assists unit in solution of technical problems; supervises inspection of accomplished work to insure suitability for release; trains and instructs personnel in care and preservation of shop equipment; directs the keeping of records and reports and maintenance of adequate supply of replacement parts and materials.

Must be thoroughly familiar with component parts including special knowledge of gears, bearings, and lubrication. Must have extensive automotive background and be familiar with machine, welding, and sheet metal shop practices.

Military experience including completion of a course in automotive repair and maintenance desirable.

Extensive civilian experience in repair of automotive vehicles essential.

Advanced training in technical or trade school very desirable.

### SOURCE JOBS

Foreman, Automotive Repair Shop	Automotive Mechanic
Service Manager	Master Mechanic

### ORDNANCE MAINTENANCE SERVICE OFFICER (4813)

Supervises issuance of parts and equipment and provides maintenance facilities for repair units of an ordnance shop organization. Supervises transportation, storage, and issue of spare parts and materials required for maintenance and repair units; directs or supervises maintenance of all unit equipment and material and provides repair services not performed by other units, such as machine-shop work, welding, electrical repair, painting, and woodworking; supervises keeping of stock records and accounts and reports status to commanding officer.

Should have comprehensive knowledge of supply system and maintenance and repair functions of organization. Should be familiar with machine-shop and welding equipment.

Military experience in arm or service including field maintenance and repair essential.

Several years stock and tool room experience in maintenance and repair divisions of motor transportation companies very desirable.

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## SOURCE JOBS

**Warehouse Manager**      **Chief Storekeeper**  
**Foreman, Toolroom**      **Parts Manager**

**TIRE MAINTENANCE AND REPAIR OFFICER  
(4818)**

DIRECTS OR SUPERVISES INSPECTION, MAINTENANCE, AND REPAIR OPERATIONS OF AN AUTOMOTIVE TIRE REPAIR UNIT. SUPERVISES AND INSTRUCTS PERSONNEL IN VULCANIZING, CAPPING, RETREADING OF TIRES, AND INCIDENTAL REPAIR OF INNERTUBES; PERIODICALLY INSPECTS WHEELED VEHICLES TO DETERMINE CONDITION OF TIRES; SUPERVISES THE TAKING OF STOCK INVENTORIES AND INITIATES ACTION FOR THE PROCUREMENT OF MACHINERY, EQUIPMENT, AND MATERIALS; MAINTAINS A LIBRARY OF GENERAL RECORDS AND TEACHING AIDS CONCERNING TIRE MAINTENANCE OPERATIONS. MAY FORMULATE AND SUPERVISE INSTRUCTION COURSES FOR VEHICLE OPERATORS TO OBTAIN GREATER TIRE SERVICEABILITY. MAY COMMAND A FIELD AUTOMOTIVE TIRE REPAIR UNIT AND BE RESPONSIBLE FOR ITS ADMINISTRATION, TACTICAL AND TECHNICAL TRAINING, TRANSPORTATION, SUPPLY, AND SECURITY.

Must have thorough knowledge of manufacture, maintenance, and repair of tires and innertubes.

Civilian supervisory experience in administration or production capacity in manufacture, rebuilding, or repair of rubber tires essential.

Technical school training in manufacture and maintenance of tires and tubes very desirable.

## SOURCE JOBS

Sales Engineer, tires and  
tubes  
Production Manager, tire  
industry

**PARACHUTE MAINTENANCE OFFICER (4820)**

Directs and supervises maintenance of parachute canopies and pack and harness assemblies. Supervises inspection of parachutes and their folding, re-folding, and packing; directs fitting and adjustment of harness and testing and cleaning of assemblies. May supervise storage, issue, and shipment of parachutes from a depot. May supervise repair and overhaul of parachutes.

Must have thorough knowledge of parachute construction and thorough understanding of all parachute repair operations. Must know Army Regulations pertaining to parachute maintenance.

Military experience essential. Must have parachute training in an Army Air Forces technical school.

Civilian experience in manufacture and repair of textile or leather goods desirable.

## SOURCE JOBS

**ARMAMENT AND CHEMICAL OFFICER (4822)**

Directs or supervises air and ground crew units in technical and maintenance operations of aircraft armament and chemical equipment. Supervises the loading of bombs and ammunition into bomb racks and ammunition boxes; supervises inspection, cleaning, and maintenance of armament equipment; supervises instruction of air crews in use, and ground crews in maintenance of armament equipment and chemical warfare equipment; posts and enforces proper instruction for handling of explosives and combustibles; periodically inspects armament equipment and maintains status charts or boards indicating dates of last completed inspection of armament; keeps commanding officer advised on serviceability and performance rating of armament under varying climatic conditions and status and availability of armament equipment and supplies. May be responsible for security of bombsight equipment in absence of bombsight maintenance officer.

Must have thorough knowledge of bombs, fuzes, and pyrotechnic and aircraft armament equipment. Should be thoroughly familiar with chemical agents and toxic gases and be capable of instructing in use of chemical warfare equipment.

Military experience including completion of courses in armament and chemical warfare essential.

## AIRCRAFT ENGINEERING OFFICER (4823)

Supervises operations of an aircraft maintenance and repair unit at an airfield or air base. Plans, lays out work, and assigns repair crews; supervises and instructs personnel in disassembly, assembly, repair, and testing of aircraft and such aircraft equipment as airplane engines, landing gears, wings, and fuselages; inspects and tests accomplished work to insure adequacy of repair and that equipment is in state of readiness for service; supervises the issue of and is responsible and accountable for tools, supplies, and materials; supervises preparation of reports and records. May command a mobile repair unit assigned to advanced airfield in theater of operations.

Must be thoroughly familiar with principles of mechanics and physics as applied to maintenance, re-

## MILITARY CLASSIFICATION AND CODING

pair, and testing of aircraft. Must possess skill and accuracy in the use of precision tools, measuring instruments, micrometers, and precision gages.

Military experience including training at an Army Air Forces school very desirable.

Civilian experience in construction, maintenance, and repair of aircraft and aircraft equipment very desirable.

Advanced technical school training in aeronautical engineering essential.

### SOURCE JOBS

Foreman, Aviation Engine Mechanic      Shop Foreman, commercial air line  
Master Mechanic, aircraft production

### AIRCRAFT TORPEDO MAINTENANCE OFFICER (4824)

Supervises inspection and maintenance of aircraft torpedoes. Allots work within shop or torpedo section; supervises normal, emergency, or periodic maintenance such as assembly of fuzes for practice run or mission; disassembly and examination of all parts, repair of parts, and reassembly of torpedoes; directs the return of malfunctioning torpedoes to depots or arsenals; supervises maintenance of records, reports, and equipment; trains and instructs personnel in torpedo maintenance.

Must have thorough knowledge of principles of operation and mechanical systems of aircraft torpedoes. Should be familiar with intricate machinery, linkages, and combustion. Familiarity with bombs and fuzes desirable.

Military experience in maintenance of ordnance matériel and ammunition very desirable. Must have completed a course in torpedo mechanics.

Several years experience in the design and manufacture of fine precision instruments desirable.

College degree in field of mechanical engineering or equivalent in practical experience essential.

### SOURCE JOBS

Mechanical Engineer      Tool and Die Maker  
Instrument Maker

### BOMBSIGHT MAINTENANCE OFFICER (4825)

Directs or supervises personnel in maintenance, servicing, and security of bombsight equipment. Formulates and directs execution of security measures for the protection of bombsights; supervises and in-

structs technical personnel in installing, dismounting, servicing, and minor repairing of bombsights; prepares reports on major repair work and on status of bombsights.

Military experience including completion of service armament and bombsight maintenance courses at an Army Air Forces technical school essential.

Civilian experience as journeyman in mechanics very desirable.

### SOURCE JOBS

Gunsmith      Machine Shop Foreman

### LAUNDRY OFFICER (4830)

Supervises operation of a laundry in which clothing is sterilized and washed. Supervises the installation of laundry machinery; supervises the preparation of washing formulas and operation of power washers and wringers; maintains adequate supplies and supervises keeping of records and reports; directs and instructs in first aid treatment for burns. May supervise demonstration of mobile laundry operations. May instruct personnel in large-scale laundry methods. May command a mobile or semimobile laundry unit and be responsible for its administration, tactical and technical training, transportation, supply, and security.

Must be familiar with operation and employment of such laundry machinery as power washers, tumblers, extractors, and wringers. Should have knowledge of plumbing and steam control. Should be familiar with preparation and use of washing formulas.

Military experience including graduation from Army laundry school desirable.

Civilian supervisory experience in operation of modern laundry essential.

### SOURCE JOBS

Laundry Manager      Laundry Production  
Sales Engineer, laundry      Technician  
equipment

### CLOTHING AND EQUIPMENT STERILIZATION OFFICER (4831)

Directs or supervises sterilization of clothing and equipment for storage, reissue, or salvage. Instructs and supervises personnel in operation, maintenance, and transportation of sterilization equipment; supervises receipt of material and assignment of work tasks to processors; supervises sorting, classification and dis-

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position of sterilized articles; conducts inspection of unit equipment to determine condition and insure compliance with operating instructions; maintains adequate supply of spare parts and materials; supervises preparation of reports and records. May command a sterilization or fumigation and bath unit and be responsible for its administration, tactical and technical training, transportation, supply, and security.

Should be familiar with operation and maintenance of various types of sterilization equipment. Should be familiar with use of chemicals needed for sterilization and fumigation treatment of clothing.

Military experience desirable.

Civilian supervisory experience in dry cleaning or laundering of clothing very desirable.

### SOURCE JOBS

Laundry Manager      Dry Cleaning Manager

### CHEMICAL IMPREGNATING OFFICER (4832)

Sets up and operates plants for impregnating clothing, equipment, and other materials with a vesicant-gas resistant substance. Supervises subordinate personnel in setting up semimobile impregnating plants and in testing them prior to operation; supervises plant operations and spot checks impregnated materials for quality and protection efficiency; requisitions and procures materials and supplies; is responsible for the maintenance and repair of equipment; directs the dismantling and transporting of equipment to new points of operation when required.

Must possess supervisory ability in order to direct and coordinate the work of a large crew of men engaged in impregnating matériel.

Military experience with chemical troops desirable.

Civilian experience in a supervisory capacity in textile wet processing or the supervision of dyeing, dry cleaning, or laundry establishments very desirable.

### SOURCE JOBS

Laundry or Dry Cleaning      Dye House Foreman  
Foreman                         Chemical Engineer  
Chemist

### CHEMICAL MAINTENANCE OFFICER (4841)

Directs and supervises inspection, maintenance, repair and storage of chemical warfare matériel and equipment. Directs reclamation and disposal of salvaged matériel; supervises storage, maintenance, repair, and issue of chemical warfare materials and equipment, fills requisitions for supplies and equipment, and maintains perpetual inventory of chemical

warfare supplies and materials; supervises maintenance of accounts and audits; advises chemical officer on maintenance and repair operations and facilities, and on status of supply stocks.

Must be familiar with machine-shop practices, and the storage and handling of toxic gases and high explosives.

Military experience essential. Should include attendance at Chemical Warfare School or active duty as a chemical warfare officer.

Civilian experience in supervising the storage, shipping, reclamation and repair of chemical supplies and equipment very desirable.

### SOURCE JOBS

Machinist                        Warehouseman  
Machine Shop Foreman

### ENGINEER EQUIPMENT MAINTENANCE AND REPAIR OFFICER (4880)

Supervises maintenance, repair, and inspection of engineering construction equipment. Analyzes maintenance requirements and recommends proper maintenance equipment and field repair facilities; checks incoming repair work to determine amount and exact nature of repair; inspects shop operations to insure that repair schedules are maintained; makes recommendations for disposal of obsolete and irreparable equipment; directs maintenance of adequate stock materials and keeping of reports and records. May organize and direct schools for the training of personnel in maintenance, operation, and repair of engineering equipment. May be responsible for allocation and control of construction equipment.

Must have thorough knowledge of mechanical principles involved in maintenance and repair of such equipment as tractors, roadrollers, asphalt distributors, carry-alls, draglines, power shovels and cranes, and air compressors. Must be familiar with the employment of heavy equipment on construction engineering projects.

Civilian supervisory experience in maintenance and repair of heavy equipment essential.

Technical school training in mechanics, mechanical engineering, or civil engineering very desirable.

### SOURCE JOBS

Master Mechanic, heavy equipment	Millwright
Distributors Serviceman	Construction Superintendent.
Mechanical Engineer	Civil Engineer

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### OPTICIAN (4891)

Supervises personnel engaged in the grinding, cutting, polishing, and edging of eyeglasses in accordance with prescriptions. Checks dimensions of lenses with gages; supervises mounting of eyeglasses in frames; supervises the maintenance of shop equipment and determines supply requirements. May supervise the renovation and repair of optical equipment such as field glasses and telescopic sights and make final inspection to ascertain that repairs have been adequately and efficiently accomplished. May command a mobile optical shop.

Must have thorough knowledge of the manufacture and repair of lenses, optical equipment, and precision instruments, and the theory of light and optics.

Must have several years responsible experience in the manufacture and repair of optical equipment.

### SOURCE JOBS

Optician

Lens Maker

Optical Instrument Maker

### PARACHUTE SUPPLY OFFICER (4901)

Supervises storage, issue, and shipment of parachutes. Supervises airing, folding and routine inspection; supervises storage of parachutes in dry and protected places in a manner prescribed by regulation; supervises issue and shipment of parachutes in accordance with shipping requirements; supervises minor repair of parachutes.

Must have thorough knowledge of parachute construction including canopy, pack assembly, and harness. Should have knowledge of canvas, leather, and webbing repair.

Military experience essential. Must have completed course in an Army Air Forces technical school.

Civilian experience in packing and shipping of canvas and textiles very desirable.

### SOURCE JOBS

Awning Maker

Shipping Foreman, textile

### TECHNICAL SUPPLY OFFICER, AIR (4902)

Directs or supervises requisition, storage, maintenance, and issue of Army Air Forces technical supplies and equipment. Instructs and trains personnel in storage and maintenance of replacement parts and equipment; directs keeping of files of supply regulations and technical publications; supervises issue of

technical supplies and equipment used in maintenance of aircraft; supervises taking of inventories and maintenance of adequate stock levels; directs preparation of reports and keeping of records.

Must be thoroughly familiar with stock accounting methods and have basic knowledge of warehousing.

Military experience in supply and warehousing activities very desirable.

Civilian supervisory experience in storage and distribution of aircraft or automotive parts and equipment desirable.

### SOURCE JOBS

Manager, automotive parts supply	Storekeeper, parts and tools
Warehouse Manager, mechanical equipment	Shipping Foreman, technical materials
Purchasing Agent, technical materials	

### WATER SUPPLY UNIT COMMANDER (4940)

Commands a water supply unit and is responsible for its administration, training, supply, transportation, equipment, security, and tactical employment in the purification, distribution, and storage of water. Selects and supervises motor park; provides for storage maintenance of equipment; directs troops in convoy movement to site of operations; develops additional water supply facilities when the local supply is inadequate in quantity and quality and may assist general engineer troops in the installation and operation of water supply points; transports water from railheads or water supply points to water distributing points; installs and operates canvas basins and pumps at temporary water supply points; operates mobile purification equipment in accordance with chemical and bacteriological analysis of water supply. Must be familiar with the employment of such equipment as tank trucks, mobile water purification units, water supply sets, pipe fitting sets, tinsmith sets, blacksmith sets, carpenter sets, and canvas working sets.

Military experience desirable. Should have completed courses at an engineer officers' school.

Civilian experience in the transporting of bulk liquids by tank trucks very desirable.

### SOURCE JOBS

Transportation Manager, Bulk Station Operator
milk company

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### PETROLEUM PRODUCTS SUPPLY OFFICER (4960)

Directs or supervises the procurement, storage, inspection, and distribution of petroleum products. Assembles petroleum requirements from supply services and initiates action for procurement; plans and arranges for provision of storage tanks and loading facilities at supply points; processes shipping memorandum and collaborates with operating branches for the expeditious movement of petroleum products to and from production or port areas; supervises the preparation of reports, charts, and records pertaining to petroleum operations at ports and other nearby terminals and to fuel and lubricants loaded on vessels for oversea operations. May supervise the preparation of working drawings for additional storage facilities as needed. May maintain liaison with governmental agencies relative to priority preference ratings.

Must have thorough knowledge of warehousing and distribution of petroleum products. Should be familiar with various uses of oil, gasoline, and kerosene, and of procedure relative to their procurement.

Military experience including training in supply operations very desirable.

Extensive civilian experience in procurement, storage, and transportation of petroleum products essential.

#### SOURCE JOBS

Bulk Station Operator Buyer, petroleum products	District Superintendent, petroleum products distribution
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### GASOLINE SUPPLY OFFICER (4962)

Directs or supervises the receipt, storage, and issuance of gasoline, oil, and greases at railheads, depots, or other supply points. Supervises the loading, unloading, and issue of petroleum products; supervises the reduction of bulk deliveries from tank cars or tank trucks to containers; supervises the transportation of gasoline supplies to distribution points either in containers or by use of tank truck; locates and establishes forward distributing points when distance prevents return to post or railheads; supervises the use of civilian gasoline filling stations on main supply routes; supervises the maintenance of charts and records incident to type of fuels and petroleum products required by various organizations; supervises and instructs personnel in care and maintenance of gasoline dispensing equipment. May command a gasoline supply unit and be responsible for its administration, training, transportation, supply, and security.

Must have thorough knowledge of types and grades of automotive fuel and lubricants and storage and distribution methods. Should have good knowledge of methods of stock accounting.

Military experience essential.

Civilian supervisory experience in the storage and distribution of petroleum products required.

#### SOURCE JOBS

Bulk Station Manager	Gasoline Chain Manager
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### SPECIAL SERVICES OFFICER (5000)

Directs or supervises recreational, educational, and athletic activities within the command. Organizes and supervises the publication and distribution of newspapers and other unit periodicals; supervises recreational activities at clubs, sport arenas, and dayrooms; advises commanding officer on policies, plans, organizational procedures and execution of information, orientation, off-duty educational, athletic, and recreational programs of military personnel; evaluates and keeps commanding officer informed as to state of morale of the command; procures materials, equipment, and services for athletic, entertainment, and educational activities. May be assigned to special service troop unit. May organize, direct, and supervise orientation programs.

Military experience essential. Must possess a high degree of leadership, and should be thoroughly familiar with staff procedure.

Civilian experience in executive or administrative capacity in education, journalism, or dramatics, or the equivalent in practical experience desirable.

#### SOURCE JOBS

Motion Picture Director Theatrical Director or Producer	School Superintendent Theatrical Entertainer Radio Program Director
Newspaper Man	Publicity Man
Recreation Director	Athletic Director

### BAND LEADER (5241)

Conducts band and assists in military training of band members. Conducts rehearsals and performances and gives individual instruction; prepares training schedules; selects, purchases, and arranges music; inspects instruments and other equipment and requisitions instruments and musical supplies; prepares reports of band activities.

Must possess qualities of leadership and adminis-

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trative ability, and must have ability as a musician. Should be able to arrange orchestrations.

Must have 1 year experience as member of a military band. Graduation from Army Music School desirable.

Must have 1 year civilian experience as leader of a band or orchestra and 2 years of music school training.

### SOURCE JOBS

Band Leader	Bandsman
Orchestra Leader	

### CHAPLAIN (5310)

Conducts religious services. Ministers to the sick, wounded, and imprisoned, and corresponds informally with relatives of ill or deceased; delivers lectures on sex morality and orientation lectures for recruits, and cooperates with entertainment officer in presentation of morale stimulating programs; maintains liaison with community and social welfare organizations, such as American Red Cross, churches, religious and civic groups; advises commanding officer on religious and patriotic observances, or morale questions; secures and distributes religious literature; prepares reports on religious programs and activities.

Attendance at Chaplain's School desirable.

Must have 2 years experience as clergyman and ecclesiastical indorsement by denominational officials or committees organized by the War Department.

Should be graduate of recognized theological school.

### AUDITING OFFICER (6110)

Audits fiscal or property records of posts, camps, stations, or other installations. Examines inventories and property vouchers for validity of statements; inspects posting of fiscal data to stock record cards and checks computations and extensions in terms of overages and shortages in property or funds; prepares certificates of audit to indicate condition of accounts for review by senior officers; interprets regulations on fiscal or property accounting and auditing and insures compliance; advises accountable officer of methods to correct discrepancies and irregularities; prepares correspondence on accounting and auditing problems. May check property storage and warehouse facilities.

Must have thorough knowledge of Army Regulations pertaining to accounting and auditing and of procedures for fiscal or property accounts.

Experience in auditing operations essential.

Should have college training in business administration.

### SOURCE JOBS

Accountant	Head Bookkeeper
Auditor	Comptroller

### FINANCE OFFICER, DISBURSING (6201)

Directs the disbursement of Government funds to military and civilian personnel for services rendered and is accountable for all funds. Trains and supervises subordinate officers in technical assignments; advises on technical problems and questions pertaining to Finance Department; reviews and revises reports prepared by subordinate personnel; audits property accounts and supervises checking and verification of all classes of pay vouchers; supervises the issuance of war bonds subscribed by civilian personnel; makes cash or check payments on all approved vouchers and advises subordinates on legality of questionable items; supervises the maintenance of fiscal records for payments made and balances in all funds.

Must be thoroughly familiar with Army Regulations concerning disbursement of Government funds and understand general banking operations.

Military experience essential including service in the Finance Department and completion of a course at the Army Finance School.

Civilian experience in the disbursement of public or private funds of a large office very desirable; legal experience also desirable.

### SOURCE JOBS

Accountant	Treasurer
Auditor	Comptroller
Bank Executive	Credit Manager
Paymaster	

### STATISTICAL CONTROL OFFICER (6402)

Supervises the preparation, consolidation, and submission of regular and special statistical reports concerning personnel, training, supply, housing, equipment, and maintenance. Prepares standard reports required by regulations of higher authority at regular intervals and such other reports as may be directed by commander for special purposes; assembles, summarizes, and analyzes data to assist personnel of the command in planning, decision-making, and control. May conduct liaison with statistical control and machine records units.

Must be familiar with statistical procedures and methods of graphic presentation.

When assigned to units or installation of Army Air

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Forces, must be a graduate of Army Air Forces Statistical Control School.

Supervisory experience in statistical research or accounting desirable.

College training in statistics, accounting, business administration, or related fields desirable.

### SOURCE JOBS

Statistician	Machine Records Supervisor
Accountant	
Auditor	

### ENGINEER, STAFF (7010)

Advises commander and staff on engineer matters. Prepares plans for use of engineer troops and recommends apportionment of troops to smaller units; determines requirements and directs procurement, storage, and distribution of engineer equipment and supplies, including camouflage materials; directs construction, maintenance, and repair of camps, cantonments, warehouses, hospitals, and other structures; directs installation of roads and trails, means of river crossings, docks, and airdromes and landing fields; maintains supply of fortification materials and directs construction of defensive works not assigned to other troops; directs survey and mapping operations and controls procurement, production, and distribution of maps; directs engineer reconnaissance operations; recommends traffic regulations on roads and bridges; supervises engineer and camouflage activities in subordinate units; develops measures for camouflage of personnel and installations; prepares instructions concerning camouflage, use of camouflage material, and protective coloration of equipment except aircraft; examines captured engineer equipment.

Must have thorough knowledge of all types of military construction and engineering projects. Must be familiar with tactical employment of engineer equipment and troops and be skilled in the art of camouflage.

Military experience as an officer with field engineer units essential. Should be a graduate of Command and General Staff School.

College training in civil engineering desirable.

### SOURCE JOBS

Civil Engineer	Highway and Bridge
Architectural Engineer	Engineer

General Contractor

### CONSTRUCTION ENGINEER (7110)

Directs and supervises design and construction of light and heavy buildings at Army camps, posts, depots,

and similar installations. Prepares specifications for and supervises construction of buildings such as barracks, recreation halls, warehouses, plants, and waterfront facilities; inspects materials and workmanship of contractors and employees; insures compliance with construction specifications; maintains records and prepares reports pertaining to activities.

Should be thoroughly familiar with architecture and construction of various kinds of buildings.

Military experience desirable.

Civilian experience in construction engineering involving the development of projects and preparation of engineering plans essential.

Must have college training in civil engineering or equivalent practical experience.

### SOURCE JOBS

Building Contractor	Architectural Engineer
Construction Superintendent	Civil Engineer

### HIGHWAY ENGINEER (7140)

Plans, designs, and supervises the construction of streets, roads, highways, and bridges. Makes surveys to determine location of roads and bridges; prepares plans and specifications for adequacy of design and construction; makes field inspections to determine effectiveness of planning and adequacy of materials and equipment available for construction; allocates available road construction equipment; supervises field construction and makes periodic progress reports to unit engineer; makes studies of highway traffic facilities and recommends traffic routings; maintains liaison with engineer supply officers regarding road and bridge materials.

Must be skilled in design and construction of highway systems and bridges and have thorough knowledge of civil engineering practices. Should be familiar with principles of traffic routing.

Military experience desirable.

Experience in the design of highway systems and bridges essential.

Must have college training in civil engineering or equivalent practical experience.

### SOURCE JOBS

Civil Engineer	Highway Foreman
Planning Engineer	Highway Engineer
Bridge Construction Engineer	Road Construction Inspector

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### CHEMICAL RESEARCH ENGINEER (7310)

Conducts chemical and physical tests of friendly and enemy chemical equipment and chemical agents. Supervises analysis of chemical composition of compounds and mixtures; conducts field investigations for the identification and neutralization of chemical agents and weapons employed by the enemy; studies technical problems in connection with chemical operations, such as examination and testing of gas masks, protective clothing, and other equipment, and development of new decontamination methods; prepares reports on findings. May recommend methods of purifying water with chemical agents.

Must have thorough knowledge of chemical analysis.

Military training essential.

Civilian experience in the field of chemistry essential.

College education with a major in chemistry or chemical engineering, or equivalent training or experience essential.

or both as the occasion may demand; controls distribution of gas to balloons in units; supervises maintenance of materials and supplies; maintains and stores gas cylinders; makes aerostatic calculations and determines proper volume of gas needed for initial inflation of balloons; supervises and coordinates training of gas personnel.

Must have thorough knowledge of methods of conducting various tests of gas for hydrogen purity. Must be able to supervise gas workers in reading, inspecting, and adjusting manometers, inspecting and adjusting gas and air valves, and handling hydrogen.

Military experience essential with specialized knowledge of gas, gas producing and compressing apparatus. Graduation from coast artillery officer school essential.

Civilian experience with gas or gas producing and compressing apparatus desirable.

College education in chemistry or physics desirable.

### CHEMICAL OFFICER (7314)

Supervises chemical warfare activities and advises commander and staff on chemical matters, including use of chemicals by various arms. Prepares plans for use of chemical troops and recommends allotments to subordinate units; supervises and inspects chemical training; supervises protective measures such as gas-proofing of inclosures and decontamination of gassed areas, equipment, and vehicles; examines captured chemical equipment and evaluates information concerning means and methods of utilization of chemicals by enemy and friendly troops; determines requirements and procures, inspects, and distributes chemical equipment and supplies for all units; directs operation of chemical storage, maintenance, and repair facilities.

Must have thorough knowledge of chemical warfare tactics, equipment, and supplies, and be familiar with weather observation and forecasting in connection with chemical warfare operations.

Military experience in chemical warfare operations including graduation from chemical warfare officer school essential.

Civilian administrative experience desirable.

Should have college education with specialization in chemistry or chemical engineering or equivalent practical experience.

### SOURCE JOBS

Physicist                      Mechanical Engineer

### BARRAGE BALLOON GAS SERVICE OFFICER (7313)

Advises barrage balloon commander and staff on matters pertaining to gas and supervises procurement, preparation, and distribution of gas used to inflate balloons. Establishes, maintains, and operates a hydrogen generating plant, or a helium purification plant,

### SOURCE JOBS

Chemical Plant Manager      Chemical Engineer  
Chemist

### TOXICOLOGIST (7316)

Examines water, chemical, and drug samples for toxicity and physiological action, and supervises en-

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listed and civilian technicians in conduct of similar examinations. Instructs officers and enlisted students in toxicological and biochemical laboratory procedures; records effects and composition of samples tested, identifying samples through interpretation of effect or reaction; prepares reports of activities and findings.

Must have biochemical laboratory experience.

Must be graduate of an accredited college or university with specialized training in biochemistry, toxicology, and related subjects.

### SOURCE JOBS

Toxicologist

Biochemist

### ORGANIC CHEMIST (7318)

Plans and supervises chemical research to develop or analyze chemical compounds. Works on problems involving a technical knowledge of microchemistry; reviews technical reports; evaluates, edits, and prepares reports; acts as advisor on microanalytical methods.

Civilian experience in general chemical plants specializing in organic chemistry essential.

College training with specialization in chemistry or chemical engineering essential.

### SOURCE JOBS

Chemist

Research Chemist

Organic Chemist

Chemical Engineer

### ELECTRICAL ENGINEER (7611)

Directs, plans, and supervises construction, installation, and maintenance of electrical power and lighting systems. Prepares plans and specifications for electrical power and light distribution systems including transformer stations, high tension power lines, and generating plants; maintains records of activities and prepares reports. May supervise operation, maintenance, and repair of electric fire-control communication and searchlight installations.

Must have thorough knowledge of electrical materials and apparatus, power generation and distribution, and principles of magnetism and illumination.

Should have extensive civilian experience in electrical engineering work, including construction and maintenance of electrical systems.

Should have college education with specialization in electrical engineering or equivalent practical experience.

### SOURCE JOBS

Electrical Engineer      Power-plant Installation  
Powerhouse Superintendent      Engineer

### RADAR OBSERVER, R. C. M. (7888)

Supervises first and second echelon maintenance and repair work, including testing, cleaning, and adjusting, and operates radio equipment such as SCR-587 and similar devices; acts as technical advisor to unit commander regarding R. C. M. matters.

Completion of Army Air Forces technical school prescribed courses for radar officer, air and radar observer R. C. M. essential.

Must be physically qualified for combat flight, non-pilot duty.

This specialty was formerly designated as Radio Officer (C).

### PHOTOGRAMMETRIST (7910)

Supervises and participates in photogrammetric operations including construction of maps and charts from aerial photographs and assembly of controlled and uncontrolled mosaics. Supervises processing of negatives and prints; uses stereoscopic and other photogrammetric plotting devices in map and chart construction; makes mathematical computations in connection with assembly of aerial photographic mosaics; constructs tables and graphs to correct distortion and displacement of photographic images; constructs projections, utilizing field survey data for control upon which controlled mosaics are assembled.

Military experience including either service school course in photogrammetry or experience in military mapping and aerial photography essential.

Civilian experience in photogrammetry or appropriate phases of civil engineering essential.

Should have college training in civil engineering.

### SOURCE JOBS

Photogrammetrist      Cartographer  
Geologist      Map Draftsman  
Civil Engineer

### SURVEYING ENGINEER (7914)

Supervises a survey unit engaged in field surveying. Supervises field survey parties on construction layout work; plans and directs topographic surveys including subsurface investigations; plans and directs hydrographic surveys such as gaging river and stream

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beds; supervises interpretation of aerial photomaps of assigned survey areas; transmits survey results and data to mapping units for use in preparation of topographic maps; prepares and maintains records of surveys; supervises maintenance of supplies and equipment; supervises training of unit and is responsible for its administration, supply, transportation, and security. May complete surveys relative to rehabilitating port and terminal facilities, rebuilding major utilities of destroyed cities, and construction of major water supply systems, railroads, and highways.

Must have technical knowledge of survey work such as determining exact location and measurements of points, elevations, lines, areas, and contours on the earth's surface; must be familiar with map making and reading; must have knowledge of aerial photomaps; must be able to supervise land, railroad, highway, topographic, and hydrographic surveyors, chainmen, rodmen, and topographic draftsmen.

Experience with military ground maps, aerial photos, photomaps, and military map symbols essential.

Civilian experience in engineering and surveying essential.

College training in civil engineering essential.

### SOURCE JOBS

Civil Engineer	Instrument Man
Surveyor	Topographic Draftsman

### TOPOGRAPHIC ENGINEER (7915)

Directs or supervises an organization composed of survey, photomapping, or map reproduction units and is responsible for providing map information adequate for tactical and strategical requirements. Supervises the execution of photogrammetric and drafting work for preparation and revision of maps, mosaics, overlays, and overprints; supervises reproduction by lithography, black and white process printing, and gelatin duplication; coordinates and supervises procurement, storage, and distribution of maps; supervises maintenance of supplies and equipment; supervises training of organization and is responsible for its administration, supply, transportation, and security. May supervise the conduct of surveys in the compilation of data necessary for map preparation. May establish and extend horizontal and vertical control forward and supply necessary ground mapping control for utilization by field artillery units.

Must have technical knowledge of survey work, such as determining exact location and measurements of points, elevations, lines, areas, and contours on the earth's surface, photogrammetry, and topographic

drafting, and be skilled in photographic laboratory methods. Must be thoroughly familiar with photo-transferring and lithographic processes and have knowledge of operation and maintenance of lithographic equipment.

Military experience with specialized knowledge of military ground and aerial maps and military map symbols essential.

Civilian experience in engineering, surveying, and topographical drafting essential. Experience in lithographic and reproduction work desirable.

College training in civil engineering or drafting essential.

### SOURCE JOBS

Civil Engineer	Draftsman, Map
Surveyor	Photogrammetrical En-
Lithographic Engineer	gineer
Topographic Engineer	

### PHOTOMAPPING OFFICER (7916)

Supervises a photomapping unit in preparation and revision of military maps and charts from aerial mapping and charting photography. Executes photogrammetric and drafting work for preparation and revision of maps, mosaics, overlays, and overprints for reproduction by reproduction unit; assembles aerial photos such as vertical, composite, and low and high obliques; establishes marginal information such as scale; supervises maintenance of supplies and equipment; prepares and maintains records concerning map preparation; supervises training of unit and is responsible for its administration, supply, transportation, and security.

Must have knowledge of photogrammetry and topographic drafting and be skilled in photographic laboratory methods.

Military experience with specialized knowledge of military ground and aerial maps and military map symbols essential.

Civilian experience in photogrammetry and topographic drafting essential.

College training in civil engineering or drafting essential.

### SOURCE JOBS

Topographic Draftsman	Photographic Laboratory
Aerial Photographer	Technician
	Photolithographer

### MAP REPRODUCTION OFFICER (7917)

Supervises reproduction unit in reproducing military maps, charts, mosaics, overlays, and over-

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prints from copy prepared by photomapping unit. Supervises reproduction by lithography, black and white process printing, and gelatin duplication; maintains maps properly indexed and filed; prepares records of production and distribution; supervises maintenance of supplies and equipment; supervises training of personnel.

Must have thorough knowledge of phototransferring, color reproduction, lithographic processes, and operation and maintenance of lithograph machinery such as offset printing presses.

Military experience with specialized knowledge of military ground and aerial maps and military map symbols essential.

Civilian experience in lithographic and reproduction work essential.

### SOURCE JOBS

Lithographer	Lithographic Pressman
Phototransferrer	Lithographic Plate Maker
Photolithographer	

## SANITARY ENGINEER (7960)

Advises commanding officer through staff surgeon concerning sanitation problems, conditions, and procedures within the command, and recommends the employment of specific sanitary measures to protect health of unit personnel. Investigates available means for procuring and purifying water supply, disposal of sewage and refuse, insect and rodent control, sterilization of clothing, and sanitation of sleeping quarters and mess facilities; determines by observation and laboratory tests, equipment needed and projects to be instituted to maintain or improve sanitary conditions within the command; renders technical advice on the installation and maintenance of sanitary equipment, water and water disposal plants, drainages, spraying, and other sanitary facilities and control measures. May command a sanitary unit and be responsible for its administration, supply, transportation and training.

Should be able to conduct field and laboratory investigations to determine fitness of water for consumption, and to determine extent and nature of entomological and bacteriological hazards.

Must have experience as sanitary or public health engineer with specific activity in insect and rodent control and water supply and sewage treatment.

Should have college training in civil engineering with specialization in sanitary engineering.

### SOURCE JOBS

Sanitary Engineer	Water Supply and Sewage Disposal Engineer
Civil Engineer	
Public Health Engineer	

## AIRPORT ENGINEER (7970)

Plans and supervises construction, maintenance, and repair of airfields, airbase, runways, and flying strips. Directs the operation of earth moving and heavy construction equipment, such as steam or Diesel-powered shovels, trucks, bulldozers, and graders; directs the clearing and grading of field according to "cut or fill" orders of the engineer in charge; directs the preparation and completion of runways and road beds. May provide for approaches to the airfield, including road, culvert, and bridge construction.

Must be able to direct construction gangs engaged in digging, grading, hauling, compacting, and surfacing by hand and by use of heavy power equipment.

Experience in road, airport, bridge, or other construction desirable.

College training in civil engineering with specialization in highway engineering desirable.

### SOURCE JOBS

Airport Engineer	Bridge Construction Supervisor
Highway Engineer	Airport Construction Supervisor
Civil Engineer	
Highway Construction	
Supervisor	

## JUDGE ADVOCATE OR JUDGE ADVOCATE GENERAL (8103)

Furnishes advice and services on legal aspects of business, property, administrative, and financial operations under jurisdiction of Secretary of War. Prepares opinions on legal questions concerning such matters as claims, discipline, liabilities, rights, and privileges of military personnel, and activities of military installation; supervises the administration of military justice and reviews proceedings of military courts, commissions, and tribunals; advises on legal questions pertaining to claims arising out of maritime accidents and executed contracts, and on legal problems concerning civilians in occupied territory during hostilities or domestic disturbances. May furnish legal advice and render service to War Department on claims, governmental contracts, patents, copyrights, taxation, and rights of civilian employees. May prepare legal documents and digests for publications.

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Must have comprehensive knowledge of legal principles and applications. Must be able to present statements of facts and law under formal judicial procedure.

Military experience including training in military law and Army administration essential.

Must have broad legal experience as practicing attorney including civil and criminal practice, and trial and office work.

Must be graduate of accredited law school and member of bar association.

### SOURCE JOBS

Attorney	Instructor in Law
Jurist	

## CIVIL AFFAIRS OFFICER, MILITARY GOVERNMENT (8104)

Directs and coordinates administration of civil affairs in an occupied territory. Advises commanding officer on matters pertaining to administration of civil affairs in occupied territory; coordinates activities of agencies established to control civil affairs, such as public works, communication, education, finance, welfare, agriculture, commerce, industry, public health, and police functions.

Must have considerable knowledge of military government and Army administration.

Military experience essential.

Considerable executive experience with public agency involving administrative, legal, and policy making functions essential.

### SOURCE JOBS

International Law Expert	Executive, governmental agency
Jurist	

## TRIAL JUDGE ADVOCATE (8105)

Prepares cases for trial and prosecutes in the name of the Government before general and special courts martial. Conducts pretrial investigation to determine essential facts of case; interrogates the accused and explains his rights under the 24th Article of War; gathers evidence and secures witnesses; presents the case against the accused in accordance with procedure prescribed in Manual for Courts-Martial; supervises preparation of trial record and other papers at close of case for submission to appointing or reviewing authority.

Military experience desirable.

Experience as practicing attorney including trial work desirable.

Graduation from accredited law school and membership in bar association desirable.

### SOURCE JOBS

Lawyer	Investigator
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## WEATHER OFFICER, FORECASTING (8211)

Makes or supervises the making of weather observations and forecasts. Directs the recording of weather data; analyzes weather data according to standard weather principles and prepares forecasts covering specific geographic regions, using modern methods of air mass analysis; serves as operational weather officer with a tactical or field organization or as technician in connection with planning work at higher headquarters. May assist in briefing flights.

Experience as weather forecaster in governmental or commercial weather service such as United States Army, United States Navy, United States Weather Bureau or commercial airline.

Graduation in meteorology from a college or university approved by Army Air Forces or from Army Air Forces Technical School essential; graduate study in theory and practice of weather forecasting very desirable.

### SOURCE JOBS

Meteorologist	Weather Observer
Weather Forecaster	

## WEATHER OFFICER, CLIMATOLOGY (8212)

Collects, compiles, analyzes and interprets worldwide data on climatology. Prepares studies indicating the probability of occurrence of specific weather phenomena such as visibility, ceiling, and precipitation conditions, to be used in planning tactical operations; serves either as operational weather officer with tactical or field organization or as technician in connection with the planning work at a higher headquarters.

Experience in climatology or forecasting in government or commercial weather service, such as United States Army, United States Navy, United States Weather Bureau, or commercial airline desirable.

Graduation in meteorology from a college or university approved by the Army Air Forces or from Army Air Forces Technical School essential. Graduate study or experience in climatology is very desirable.

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### SOURCE JOBS

Climatologist	Weather Observer
Meteorologist	Weather Forecaster

### WEATHER OFFICER, OCEANOGRAPHY (8213)

Plans, directs, and conducts studies in oceanography to determine the effect of great water areas of the world upon continental land masses; compiles such other weather information as may be of value in moving personnel and supplies overseas; serves either as operational weather officer with a tactical or field organization or as technician in connection with planning the work at a higher headquarters. May prepare weather forecasts.

Experience in forecasting in governmental or commercial weather service such as United States Army, United States Navy, United States Weather Bureau, or commercial airline desirable.

Graduation in meteorology from a college or university approved by the Army Air Forces or from Army Air Forces Technical School essential. Additional advanced study or experience in oceanography desirable.

### SOURCE JOBS

Meteorologist	Weather Observer
Weather Forecaster	

### WEATHER OFFICER, STATISTICAL (8214)

Develops statistical methods for testing and verifying methods of weather forecasting. Analyzes weather data from weather maps by statistical methods; directs special statistical research in specific weather behavior; supervises preparation of graphs, charts, and reports in order to summarize and present results of investigations; serves either as operational weather officer with a tactical or field organization or as technician in connection with planning the work at a higher headquarters. May prepare weather forecasts.

Experience in weather forecasting in governmental or commercial weather service such as United States Army, United States Navy, United States Weather Bureau, or commercial airline desirable.

Graduation in meteorology from a college or university approved by the Army Air Forces or from Army Air Forces Technical School essential.

Should have completed college courses in statistical methods.

### SOURCE JOBS

Meteorologist	Weather Observer
Weather Forecaster	Statistician

### WEATHER OFFICER, TROPICAL FORECASTING (8216)

Makes or supervises the making of weather observations and forecasts. Supervises the recording of weather data; analyzes weather data according to standard weather principles and prepares forecasts covering tropical regions of the world, using method of air mass analysis and Grimes work on the passage of air across the Equator; serves either as operational weather officer with a tactical or field organization, or as technician in connection with planning the work at higher headquarters.

Experience in weather forecasting in governmental or commercial weather service such as United States Army, United States Navy, United States Weather Bureau or commercial airline very desirable. Additional experience in tropical forecasting desirable.

Graduation in meteorology from Army Air Forces Technical School essential. Graduate study in theory and practice of tropical weather forecasting very desirable.

### SOURCE JOBS

Meteorologist	Weather Observer
Weather Forecaster	

### WEATHER OFFICER-PILOT (8218)

Makes or supervises the making of weather observations and forecasts and operates aircraft in connection with weather duties. Supervises preparation of weather data; analyzes weather data according to standard weather principles and prepares forecasts covering particular geographic regions using modern methods of air mass analysis; instructs air crews in weather observation and interpretation and in proper use of weather service. May assist in briefing flights. May organize weather station, installing instruments and equipment. May command weather detachment and serve as administrative officer for a weather station or weather region.

Must be a rated pilot.

Graduation in meteorological from a college or university approved by Army Air Forces or from Army Air Forces Technical School essential.

### SOURCE JOBS

Meteorologist	Weather Observer
Weather Forecaster	

### WEATHER OFFICER (8219)

Makes or supervises the making of weather observations and forecasts. Supervises preparation of weather

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data; analyzes weather data according to standard weather principles and prepares forecasts covering particular geographic regions using modern methods of air mass analysis; instructs air crews in weather observation and interpretation and in proper use of weather service. May assist in briefing flights. May organize weather stations, installing instruments and equipment. May command weather detachment and serve as administrative officer for a weather station or weather region.

Graduation in meteorology from a college or university approved by Army Air Forces or from Army Air Forces Technical School essential.

### SOURCE JOBS

Meteorologist

Weather Observer

Weather Forecaster

### PHOTOGRAPHIC UNIT COMMANDER (8500)

Commands ground photographic unit and is responsible for its administration, training, and tactical employment. Directs supply, equipment, transportation, and security activities of unit; directs technical and tactical employment of unit in operations with combat troops; supervises taking of still or motion pictures of such subjects as equipment, friendly or enemy installations, training subjects, and combat operations. May direct processing of still or motion pictures. May assist in photographic censorship.

Must be familiar with technical problems peculiar to military photographic operations.

Military experience essential.

Experience in administrative or technical supervision of news or commercial photographic organization very desirable.

### SOURCE JOBS

Commercial Photographer

News Photographer

Motion Picture Camera-

Photographic Darkroom

man

Man

### AERIAL PHOTOGRAPHIC OFFICER (8502)

Directs or supervises aerial photographers and laboratory technicians of the photographic section of an Army Air Forces bombardment, reconnaissance, or other unit. Supervises taking and processing of ground and aerial photographs; supervises training and instruction of section personnel in operation of aerial and ground cameras, use of darkroom equipment, and construction of aerial photographic mosaics; procures, stores, maintains, and inspects

cameras, films, and other photographic equipment and supplies; supervises installation of cameras and photographic equipment in aircraft; supervises work of unit photographic laboratory, seeing that films and prints are correctly processed and that composite photographs and photographic maps are properly prepared; interprets aerial photographs; advises commander on photographic matters. May take aerial photographs.

Must be familiar with methods of taking and processing ground and aerial photographs; construction of composite aerial photographs; operation and use of camera and other photographic equipment and supplies; and security measures in connection with photographic operations. Should be qualified for flying duty.

Completion of Army Air Forces Technical School courses in aerial photography and photointerpretation desirable.

### SOURCE JOBS

Aerial Photographer

News Photographer

Phototopographer

Photographic Laboratory

Commercial Photographer

Technician

### AERIAL PHOTointerpreter (8503)

Interprets and evaluates aerial photographs. Examines aerial photographs using stereoscope, contour finder, and other devices; zones and computes aerial bombing areas; determines location of enemy airports, length, direction, and type of runways, location of hangars, types and numbers of aircraft, and existence of munition dumps and fuel storage facilities; determines strength and position of enemy installations, equipment, and personnel; compares new photographs with others taken previously of the same locations to detect camouflaged areas and installations; writes detailed reports and summaries of interpretations, and prepares maps, diagrams, and statistical charts; coordinates photo-interpretation activities with related intelligence work.

Must be able to detect slight variations in appearance of vegetation and contour and to identify geographical features and works of man in aerial photographs.

Military experience essential. Must have thorough knowledge of military installations, principles of identification, and tactical employment of ground troops.

Must have experience in aerial photography, civil engineering, geology, geography, surveying, forestry, or photogrammetry.

College education in civil engineering with specialization in topography very desirable.

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SOURCE JOBS

Aerial Photographer	Topographical Engineer
Cartographer	Aerial Surveyor
Civil Engineer	Photogrammetrist

MOTION PICTURE CAMERAMAN (8530)

Directs photographing of scenes with sound motion picture cameras. Supervises setting up of camera, determination of lens apertures, and selection of lens; studies scale drawing of stage sets and directs lighting; surveys and inspects general effect of complete stage set and orders changes in lighting to enhance objects; supervises manipulation of camera to follow scene of action; arranges for repair and storage of cameras. May serve as aerial or ground motion picture cameraman in theaters of operation.

Must know principles and techniques of motion picture photography; operation, maintenance, and use of motion picture camera equipment; motion picture lighting equipment; manipulation of mechanical devices to produce special effects.

Should have considerable experience in motion picture photography or in special effects and process-screen camera work.

SOURCE JOBS

Motion Picture Camera-man	Newsreel Cameraman
Process-Screen Camera-man	Animation Cameraman

MEDICAL PHOTOGRAPHER (8547)

Obtains and photographs film strips, still pictures, and colored slides of medical subjects to be used for illustration or for medical training purposes. Photographs medical subjects such as wounds, medical specimens, laboratory procedures and surgical operation techniques; supervises photographing of new devices, techniques, and procedures as permanent record of medical and surgical developments. May operate motion-picture equipment.

Must have experience in medical photography or medical illustration.

College training with specialization in chemical, physical, or biological sciences essential.

SOURCE JOBS

Commercial Photog- rapher	Motion Picture Cameraman
Portrait Photographer	Photolithographer

PROVOST MARSHAL, FIELD (9101)

Commands military police units in the enforcement of military laws and regulations, protection of public works, prevention and investigation of crime, control of vehicular traffic, and collection and custody of prisoners, enemy aliens and stragglers. Provides for the protection of designated establishments, public works, and localities of special importance from pillage, sabotage, and damage; arranges for proper protection of troops and civilian populations against violence; assists civil authorities in the enforcement of laws and prevention of crime; supervises the evacuation and repatriation of civilian population; assists in the enforcement of gas defense, antiaircraft measures, blackouts, and other security and secrecy measures; relieves combat organizations of custody of prisoners of war, and operates prisoner of war system; performs administrative duties required for general welfare and discipline of troops under command.

Must be thoroughly familiar with all laws, rules, and regulations that are to be enforced, including pertinent portions of Articles of War, Army Regulations, rules of land warfare, and methods of criminal investigations. Should know measures of individual protection against all kinds of violence, and of crowd control and suppression of disturbances. Should possess good knowledge of staff and command functions.

Military experience essential, including graduation from Provost Marshal General School. Completion of Command and General Staff School desirable.

Civilian administrative or executive experience in police administration, traffic control, or legal work desirable.

Should be college graduate or have equivalent in training and experience.

MILITARY POLICE OFFICER (9110)

Directs and supervises military police in the protection of property and maintenance of good order and discipline at a post, camp, station, or other military installation. Supervises enforcement of laws, rules, and regulations pertaining to the maintenance of order and discipline, and prevention and investigation of crimes and disorders; supervises the performance of interior guard duty as directed; provides for adequate traffic control in military area and controls the movement of personnel to and from military area; performs necessary administrative duties as required.

May assist civil police in adjacent areas by maintaining order among military personnel, taking into custody deserters and other offenders, providing information to military personnel and civilians, and

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assisting in traffic control when troop movements are in progress.

Must possess working knowledge of military police organization, methods, techniques, equipment, and weapons; must possess force, initiative, resourcefulness, tact, and good appearance.

Military experience essential, including graduation from Military Police School.

Administrative or executive experience in traffic control, police administration, or legal work desirable.

### SOURCE JOBS

Policeman	Detective
Guard	Investigator

### BOMB DISPOSAL OFFICER (9224)

Commands a bomb disposal unit in the removal of unexploded bombs and shells. Makes reconnaissance to determine action necessary to clear an area of unexploded bombs or ammunition; diagnoses type of unexploded bomb and determines method of handling to avoid or minimize damage; trains and instructs unit in use and maintenance of excavating, rigging, and bomb disposal equipment; supervises tactical training of unit and is responsible for its administration, supply, transportation, equipment, and security. May supervise dissemination of bomb disposal information to all military and civilian personnel by means of lectures and films. May maintain liaison with local agencies for establishing procedures and methods on protection and bomb removal measures in case of air raids or attempts at sabotage bombing.

Must be thoroughly familiar with explosives, projectiles, bombs, mines, booby traps, and fuzes of allied and enemy manufacture.

Military experience including completion of ordnance bomb disposal course essential.

Civilian experience in maintenance and repair of precision machinery highly desirable.

Should have 1 or 2 years college training in technical subjects.

### SOURCE JOBS

Watchmaker	Machinist
Instrument Repairman	Gunsmith

### INTELLIGENCE STAFF OFFICER (9301) (G-2, A-2, S-2\*)

Plans for and prepares orders pertaining to the collection, evaluation, interpretation, and distribution

of information of enemy and counter intelligence activities, and keeps the commanding officer and all others concerned, informed regarding the enemy's situation and capabilities. Collects, evaluates, and disseminates all enemy information obtained by military intelligence units; informs commanding officer and staff officers regarding enemy location, strength, and intentions; maintains liaison with other intelligence services and establishes unit intelligence observation posts; intercepts and solves enemy messages; supervises and trains scouts, observers, and staff personnel in intelligence functions and in counterintelligence activities; obtains, prepares, and transmits maps of terrain. May assist operations, training, and reconnaissance officers in the performance of their duties. May handle public relations work, regulating activities of press correspondents and dissemination of information to public.

Must show initiative, leadership, resourcefulness, tact, and keen intelligence; should have training in investigative or legal work; knowledge of foreign language, tactics and strategy, and psychology and characteristics of enemy highly desirable.

Military experience in several arms and services of Army highly desirable, with special training within own arm or unit essential; should include graduation from appropriate service school or Command and General Staff School, G-2 course.

Civilian administrative or executive experience of a responsible nature desirable.

Should have college training, or equivalent experience, in government, political science, economics, journalism, or languages.

### COUNTERINTELLIGENCE OFFICER (9302)

Collects, evaluates, and disseminates information pertaining to sabotage and subversive activities. Conducts general investigations and gathers information concerning possible sabotage; devises and initiates countersubversion, counterespionage and countersabotage activities; evaluates reports and information on domestic military intelligence and forwards significant items to higher intelligence headquarters; safeguards secret or confidential information and censors same when necessary; maintains liaison with other intelligence sections and with State Department.

Military experience desirable.

Must have had civilian experience in legal or investigative work including cases involving espionage or sedition.

Should be college graduate; degree in law preferred.

\*G-2 performs the above duties except on a smaller scale in a regiment or lower unit.

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College training in civil engineering, art, or landscape architecture desirable.

### SOURCE JOBS

Landscape Architect	Theatrical Art Director
Civil Engineer	Scenery Builder or Designer
Commercial Artist	
Costume Designer	

### CRYPTANALYTIC OFFICER, GENERAL (9600)

Devises methods of solving cryptographic systems and supervises the cryptanalyses of intercepted traffic; makes recommendations to increase the security of cryptographic systems.

Must know military organization and terminology; must be thoroughly familiar with cryptography and cryptanalysis. Should have some knowledge of physics, mathematics, and statistics. G-2 clearance essential.

Military experience in cryptography highly desirable.

Civilian experience in the fields of cryptography, mathematics, physics, actuarial science, or chemistry essential.

Should be college graduate with specialization in mathematics, physics, and statistics.

### SOURCE JOBS

Mathematician	Physicist
Actuary	Chemist
Cryptanalyst	Student, Cryptography

### CRYPTANALYTIC OFFICER, CODE (9601)

Prepares code systems and analyzes enemy codes.

Must have a thorough knowledge of cryptography and cryptanalysis, and be familiar with military organization and terminology. Should know foreign languages.

Military or civilian experience in cryptography desirable. G-2 clearance essential.

Should be college graduate.

### SOURCE JOBS

Mathematician	Student, Arts and Science
Actuary	
Cryptanalyst	Student, Cryptography

### CRYPTANALYTIC OFFICER, CHEMICAL (9602)

Directs preparation of materials for invisible writing, and examines documents for invisible writing.

Must have comprehensive knowledge of inks and chemicals, and of quantitative and qualitative analysis. G-2 clearance essential.

Military experience desirable.

Civilian experience should include work in chemistry or chemical engineering.

Must have completed college training in chemistry, with courses in microchemistry, microscopy and photography very desirable.

### SOURCE JOBS

Chemistry Instructor	Research Chemist
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### CRYPTANALYTIC OFFICER, TRANSLATIONS (9604)

Translates messages written in foreign languages and assists in the solution of foreign cryptographic systems.

Must be thoroughly familiar with at least one language. G-2 clearance essential.

Military experience desirable; must know military organization and terminology.

Civilian experience in translation of foreign languages highly desirable.

College education with specialization in languages desirable.

### SOURCE JOBS

Language Instructor	Translator
Language Student	

### RADIO TRAFFIC ANALYSIS OFFICER (9605)

Analyzes and directs the analysis of radio traffic. Should have knowledge of cryptography and cryptanalysis, and of enemy foreign languages. Must know military organization and terminology and be familiar with use of radio call signs and procedure. G-2 clearance necessary.

Military experience in radio operation desirable.

Civilian experience in radio operation essential.

College education desirable. Should have had training in radio theory, mathematics, and statistics.

### SOURCE JOBS

Amateur Radio Operator	Traffic Analyzer, commercial communication system
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# Section IV

## CODING ORGANIZATIONAL LEVEL— TABLE OF FIFTH DIGIT CODE

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Use of fifth digit as a suffix to four-digit functional code-----	1	103
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Examples of use of fifth digit-----	3	104

*Table of Fifth Digit Codes*

**1. USE OF FIFTH DIGIT AS A SUFFIX TO FOUR-DIGIT FUNCTIONAL CODE.** The four-digit code is organized to indicate the functional nature of a duty assignment when reporting present duty. For purposes such as preparing rosters, tabulations, listings for organizational structure, and indicating the level of responsibility, some further guide is necessary. A fifth digit used as a suffix to the four-digit functional code differentiates position and level of responsibility within the general functional area which the four-digit code represents.

It is to be noted that for all practical purposes the unit in which the position occurs, or the type of position (combat command or staff) indicates certain lines of differentiation. The fifth digit merely amplifies and makes complete not only the functional coding but the other items of identification of the job. The fifth digit does not have invariable meaning in all situations. For example, in a unit of one of the arms with a definite chain of command, the digit "3" will indicate that the position referred to is that of executive officer, or second in command, at the regimental level. However, when appended to a code indicating a staff function, the digit "3" indicates that the position is that of a principal staff officer at the regimental or equivalent level, whereas the digit "4" indicates that the position is that of assistant staff officer at the same level.

Thus, on the same roster or listing, several officers may be reported as 2162—Operations and Training Staff Officer. The use of code 2162-2 to report present duty, indicates the officer is the assistant S-3 at the divisional level. Code 2162-3 indicates that the officer is the principal S-3 at the regimental level. In both cases, the officer would have the grade of major.

**2. TABLE OF FIFTH DIGIT CODES.** The following guide is published to assist in the determination of appropriate fifth digit for reporting duty according to echelon:

- |  |   |
|--|---|
| X—Commander, Chief, or Principal Staff Officer.<br>Y—Assistant Commander, Assistant Chief, or Assistant Staff Officer, to cover— | <ul style="list-style-type: none"> <li>(a) Headquarters and staff of Corps, Army, GHQ, independent Air Force, Air Force Command, Defense Command, equivalent or higher.</li> <li>(b) Headquarters and staff of War Department, AGF, AAF, ASF, Arm or Service, Service Command.</li> </ul> |
| 1—Commander, Chief, or Principal Staff Officer.  |   |
| 2—Assistant Commander, Assistant Chief, Executive Officer, or Assistant Staff Officer to cover—                                  |   |
|  | (a) Headquarters and staff of Division (AGF), Command (AAF), or equivalent.   |
|  | (b) Division in War Department, Service Command, Field Installation, or equivalent.   |
| 3—Commander, Chief, or Principal Staff Officer.  |   |
| 4—Assistant Commander, Assistant Chief or Executive Officer, or Assistant Staff Officer to cover—                                |   |
|  | (a) Headquarters and staff of Regiment (AGF), Combat Wing (AAF), or equivalent.   |
|  | (b) Branch in War Department, Service Command, Field Installation, Base (AAF), station (AAF), or equivalent.  |
| 5—Commander, Chief, or Principal Staff Officer.  |   |
| 6—Assistant Commander, Assistant Chief, Executive Officer, or Assistant Staff Officer to cover—                                  |   |
|  | (a) Headquarters and staff of Battalion (ASF), Group (AAF), or equivalent.  |
|  | (b) Section in War Department, Service Command, Field Installation, or equivalent.  |
| 7—Commander, Chief, or Principal Staff Officer.  |   |
| 8—Executive Officer, Assistant Chief, or Assistant Staff Officer.  |   |
| 9—Platoon leader, or "second" assistant staff officer to cover—  |   |
|  | (a) Company (AGF), Squadron (AAF), or equivalent.   |
|  | (b) Unit in War Department, Service Command, Field Installation, or equivalent.   |
|  | (c) Section of a hospital.  |

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0—Instructor in designated specialty (see par. 10, sec. I).

**3. EXAMPLES OF USE OF FIFTH DIGIT.** *a.* Reporting present duty of an Orthopedic Surgeon (3153) assigned to a hospital:

3153-7 Chief, Orthopedic Surgery Section.

3153-8 Assistant Chief, Orthopedic Surgery Section.

3153-9 Ward Officer, Orthopedic Surgery Section.

*b.* Reporting present duty of a Parachute Unit

Commander (1510) on duty with a unit:

1510-3 Regimental Commander, Parachute Infantry Regiment.

1510-4 Regimental Executive Officer, Parachute Infantry Regiment.

1510-7 Company Commander, Parachute Infantry Company.

1510-8 Company Executive Officer (second in command), Parachute Infantry Company.

1510-9 Platoon Leader, Parachute Infantry Platoon.

### 3. EXAMPLES OF USE OF FIFTH DIGIT.

(e) Reporting present duty of officers in units of field forces. (For information on overhead installations see Par 3d.)

(1) It is to be noted that for all practical purposes, the fifth digit code is determined by the echelon at which the function is being performed, rather than the size of the unit performing the function.

(2) For illustration of the fifth digit applied to a definite chain of command, see Par 3b and 3c(5) of this section.

(3) Whenever an officer performs combined staff and command duties, the staff function will take precedence. For example, an officer performing duties of both Regimental Communications Officer (0200-3) and Regimental Headquarters Company Commander (2900-7), will be reported as "Communications Officer (0200-3)."

(4) Whenever an officer performs a combination of staff duties, the present duty code will be determined by the relative importance of the duties on the basis of level of responsibility involved and time devoted to each. (See Par 12, Sec I.)

(5) Examples of duty codes applied to selected positions in an Infantry Division:

UNIT AND DUTY	GRADE	DUTY CODE
<i>INFANTRY DIVISION T/O &amp; E 7)</i>		
<i>DIVISION HEADQUARTERS (T/O &amp; E 7-1, C 1 AND C 2)</i>		
Division Commander.....	Major Gen'l	1542-1
Aide.....	Captain	2030-1
Aide.....	1st Lt	2030-1
Ass't to Division Commander.....	Brig Gen'l	1542-1
Aide.....	1st Lt	2030-1
Aide.....	2d Lt	2030-1
<i>GENERAL STAFF</i>		
Chief of Staff.....	Colonel	2010-1
G-1.....	Lt Col	2260-1
G-2.....	Lt Col	9301-1
Assistant G-2.....	Major	9301-2
Assistant G-2.....	Captain	9301-2
Liaison Officers.....	Captain	1930-1
<i>SPECIAL STAFF</i>		
Division Engineer.....	Lt Col	7010-1
Division Signal Officer.....	Lt Col	0210-1
Adjutant General.....	Lt Col	2110-1
Ass't Adjutant General.....	.....	2110-2
Ass't Adjutant General.....	.....	2110-2
Classification and Asgmt Off.....	.....	2210-1
Postal Officer.....	1st Lt	0030-1
Division Surgeon.....	Lt Col	3000-1
Division Medical Inspector.....	Major	3301-1
Division Dental Officer.....	Major	3178-1
Division Neuropsychiatrist.....	Capt or Major	3130-1
Medical Administrative Officer.....	Captain	2120-1
<i>INFANTRY REGIMENT (T/O &amp; E 7-11)</i>		
<i>HEADQUARTERS AND HEADQUARTERS COMPANY (T/O &amp; E 7-12)</i>		
Regimental Commander.....	Colonel	1542-3

UNIT AND DUTY	GRADE	DUTY CODE
Executive Officer.....	Lt Col	1542-4
S-2.....	Major	9301-3
S-3.....	Major	2162-3
Adj and S-1 (see Par 12, Sec I).....	Captain	2110-3
Liaison Officers.....	Captain	1930-3
Orientation Officer.....	Captain	5004-3
Athletic and Recreation Officer.....	.....	5661-3
Hq Company Commander.....	Captain	2900-7
Hq Company Executive Officer.....	1st Lt	2900-8
Int and Rcr Plat Comdr.....	1st Lt	9312-9
Communications Officer.....	Captain	0200-3
Ass't Communications Officer.....	WO	0200-4

#### *INFANTRY BATTALION*

(T/O & E 7-15)

#### *HEADQUARTERS AND HEADQUARTERS COMPANY (T/O & E 7-16)*

Battalion Commander.....	Lt Col	1542-5
Executive Officer.....	Major	1542-6
S-3.....	Captain	2162-5
S-2.....	1st Lt	9301-5
Hq Co Comdr, Adj and S-1 (See Par 12, Sec I).....	Captain	2110-5
Motor Transport Officer.....	1st Lt	0600-5
Communications Officer.....	1st Lt	0200-5
Ammunition and Pioneer Plat Comdr (Bn Munitions Officer).....	2d Lt	4510-5
Antitank Plat Comdr.....	2d Lt	1524-9

#### *INFANTRY RIFLE COMPANY (T/O & E 7-17)*

Company Commander.....	Captain	1542-7
Executive Officer.....	1st Lt	1542-8
Weapons Platoon Commander.....	1st Lt	1542-9
Rifle Platoon Commanders.....	2d or 1st Lt	1542-9

#### *HEADQUARTERS AND HEADQUARTERS BATTERY, MOTORIZED, DIVISION*

#### *ARTILLERY, INFANTRY DIVISION (T/O & E 6-10-1, C 1 and C 2)*

Div Arty Comdr (Div Arty Staff Off).....	Brig Gen'l	1199-1
Aide.....	1st Lt	2030-1
Aide.....	2d Lt	2030-1
Executive Officer (Ass't Div Arty Staff Officer).....	Lt Col	1199-2
Division Arty Air Officer.....	Major	1981-1
S-3.....	Lt Col	2162-3
S-2.....	Major	9301-3
S-1 and S-4 (see Par 12, Sec I).....	Major	4610-3
Orientation Officer.....	Captain	5004-3
Athletic and Recreation Officer.....	1st Lt	5661-3
Reconnaissance and Survey Officer.....	1st Lt	1183-3
Hq Btry Comdr and Com Officer.....	Captain	0200-3
Ass't Com Officer.....	1st Lt	0200-4
Liaison Pilot.....	Captain	1981-3
Liaison Pilot.....	1st Lt	1981-4
Motor Transport Officer.....	WO	0600-3

#### *FIELD ARTILLERY BATTERY, MOTORIZED,*

#### *105-MM HOWITZER, TRUCK-DRAWN (T/O & E 6-27)*

Battery Commander.....	Captain	1193-7
Executive Officer.....	1st Lt	1193-8
Reconnaissance Officer.....	1st Lt	1183-7
Motor Off and Ass't Executive Off	2d Lt	4113-7

d. Reporting present duty of officers in overhead installations:

(1) SERVICE COMMAND HEADQUARTERS. ASF Manual M301, "Army Service Forces Organization," 15 January 1944, elevates several elements

of the service command headquarters formerly known as divisions to the status of directorates. Thus in the case of directorates, where two or more subordinate divisions are indicated, a fifth digit code of "X" will be used to show a level of responsibility greater than that of division chiefs. In all other cases, divisions will be coded with the fifth digit "1" (see Par 2, Table of Fifth Digit Codes). However, in the application of the fifth digit code in overhead installations, the terms "division", "branch", and "section", must be interpreted in accordance with the proper relationship to higher and lower headquarters, thereby denoting echelon of responsibility. Since service command headquarters may differ in their internal arrangement, the following examples illustrate flexibility in the application of the fifth digit code:

- (a) CG, Service Command.....0002-X
  - Chief of Staff.....2010-X
  - Deputy Chief of Staff.....2010-Y
  - Dir of Personnel.....2205-X
    - Dir, Rctg and Induction Div.2310-1
    - CO, Rctg and Induction
    - Dist .....2310-3
    - CO Rctg and Induc-  
tion Sta .....2310-5
    - O/C Rctg and In-  
duction Sta
    - Testing Sec.....2250-7
    - Dir, Military Personnel Div..2200-1
    - Dir, Special Services Div....5000-1
    - Dir, Morale Services Div....5004-1
    - Dir, Fiscal Div.....6200-1
    - Dir, Military Training Div....2525-X
    - Dir, Security and Intelligence  
Div .....9311-1
    - Service Command Surgeon....3000-1
- (b) CG, Service Command .....,0002-X
  - Chief of Staff.....2010-X
  - Deputy Chief of Staff.....2010-Y
  - Director of Personnel.....2205-X
    - Director, Military Personnel
    - Div .....2200-1
    - Chief, Enlisted Procure-  
ment Br .....2310-3
    - CO, Rctg and Induction
    - Dist .....2310-5
    - CO, Rctg and Induc-  
tion Sta .....2310-7
    - O/C, Rctg and Induc-  
tion Testing
    - Unit .....2250-9
- Service Command Engineer...7004-1
  - Chief, Repairs and Utilities
  - Br .....7120-3
  - Chief, Utilities Section.7120-5

Chief, Fuel and Heat-  
ing Unit .....7503-7

(2) POSTS AND CAMPS IN SERVICE COM-  
MANDS. ASF Manual M301 establishes several staff positions in post headquarters corresponding to the directorates of personnel, supply, and military training in the service command headquarters. To properly indicate functional relationship of the staff positions at a post to the corresponding staff positions at the service command headquarters, duty codes for the post positions will contain a fifth digit once removed from the fifth digit applicable to the corresponding positions in the service com-  
mand headquarters. For example:

- (a) SERVICE COMMAND HEADQUARTERS
  - Director of Personnel.....2205-X
  - Director, Military Personnel
  - Div .....2201-1
  - Chief of Classification and
  - Assignment Section ..2210-5
- POST HEADQUARTERS
  - Director of Personnel Division.2205-1
  - Chief of Military Personnel
  - Branch .....2200-3
  - Chief of Classification and
  - Assignment Section .....2210-7

(b) On some posts there may not be, as in the service command headquarters, a director or chief of all personnel. In that case, no position need be given the fifth digit of 1. For example:

- Post Military Personnel Officer.....2200-3
- Post Civilian Personnel Officer....2202-3

In this way the functional relationship of these staff positions at a post will be accurately shown as sub-  
ordinate to the functional specialists at the service command level.

(c) Whenever an officer performs combined staff and command duties, the staff function will take precedence. For example, an officer performing duties of both Post Adjutant (2110-3) and Post Headquarters Company Commander (2900-7) will be reported as Post Adjutant (2110-3).

(d) Whenever an officer performs a combination of staff duties, the present duty will be determined by the relative importance of the duties on the basis of level of responsibility involved and the time devoted to each (See Par 12, Sec I).

(e) The following partial breakdown further illustrates the application of the fifth digit code within a post organization:

- Post Commander .....2019-1
- Post Executive Officer.....2019-2
- Director, Personnel Division...2205-1
- Chief, Military Personnel
- Branch .....2200-3

Chief, Civilian Personnel	
Branch .....	2202-3
Director, Supply Division.....	4012-1
Chief, Stock Control Branch.	4416-3
Chief, Storage Branch.....	4710-3
Post Engineer .....	7130-3
Post Utilities Maintenance	
Engr .....	7120-5
Post Surgeon .....	3001-3

**(3) THEATER HEADQUARTERS, BASE HEADQUARTERS, DISTRICT HEADQUARTERS, AND FIXED INSTALLATIONS IN THEATER OF OPERATIONS—**

(a) In theater, base or district headquarters and in fixed installations in theater of operations, the following application of the fifth digit code will be used, namely "X" for theater and base section headquarters, "1" for district headquarters within base sections, and "3" for fixed installations equivalent to posts, camps, or stations. Where a staff has dual functions, that is where a district commander is also a post commander, the fifth digit code "1"

rather than "3" will be used for his headquarters. The following example illustrates the application of the fifth digit code for the Adjutant General's Section in theater headquarters.

Adjutant General .....	2110-X
Assistant Adjutant General.....	2110-Y
Chief, MRU and Replacement	
Div .....	2025-1
Chief, Classification Branch...	2210-3
Chief, Operations Sec.....	2210-5

(b) Inasmuch as the use of the fifth digit is merely to facilitate internal reporting and does not enter into the selection or assignment of officers by virtue of their MOS, any theater of operations may adapt and modify the fifth digit in such manner as best meets its needs. Any such modification adopted by a theater will be reported to The Adjutant General (Classification and Replacement Branch) Washington 25, D. C., for the information of the War Department and to permit intelligent decoding of any information from that theater based upon such modifications.



# Section V

## ALPHABETICAL INDEX OF MILITARY OCCUPATIONAL SPECIALTIES

<b>A</b>	<b>Code</b>	<b>Page</b>	<b>Code</b>	<b>Page</b>
A-1, Personnel Staff Officer.....	2260	52	AIR RAID OFFICER.....	9221*
A-2, INTELLIGENCE STAFF OFFICER.....	9301	99	Air Reconnaissance Unit Commander.....	1071
A-3, Operations and Training Staff Officer.....	2162	50	AIR SUPPORT COMMUNICATION UNIT COMMANDER.....	1073
A-4, Supply and Evacuation Staff Officer.....	4010	70	Air Surgeon.....	3161
ACADEMIC EXAMINATIONS OFFICER.....	2705*		AIR TRAFFIC PRIORITY OFFICER.....	0913*
ACCOUNTING MACHINE OFFICER.....	6103*		AIR TRANSPORT UNIT COMMANDER.....	0905
ACCOUNTING OFFICER.....	6101*		AIR TRANSPORTATION REGULATING OFFICER.....	0910*
Accounting Officer, Exchange.....	6102*		AIRBORNE ANTI AIRCRAFT UNIT COM- MANDER.....	1177
ADJUTANT OR ADJUTANT GENERAL.....	2110	49	AIRBORNE ENGINEER UNIT COM- MANDER.....	1336
Administrative and Consulting Radio Officer.....	7865*		Airborne Equipment Aircraft Warning Off- icer.....	0130
ADMINISTRATIVE ASSISTANT.....	2600	53	AIRBORNE FIELD ARTILLERY UNIT COMMANDER.....	1195
ADMINISTRATIVE ASSISTANT, LEGAL.....	2601	53	AIRBORNE INFANTRY UNIT COM- MANDER.....	1512
ADMINISTRATIVE INSPECTOR.....	2121	49	Airborne Signal Equipment Maintenance and Repair Officer.....	4402
Administrative Nurse.....	3430	68	AIRCRAFT ENGINEERING OFFICER.....	4823
ADMINISTRATIVE OFFICER.....	2120	49	Aircraft Identification Instructor.....	2721*
Administrative Officer, Finance.....	6200*		AIRCRAFT INSPECTION OFFICER.....	4903*
ADMINISTRATIVE OFFICER, MILITARY GOVERNMENT.....	2124*		Aircraft Maintenance Officer.....	4823
Administrative Officer, Newspaper.....	5414*		Aircraft Recognition Instructor.....	2721*
Administrative Supply Officer.....	4411		AIRCRAFT TORPEDO MAINTENANCE OFFICER.....	4824
Advanced Single-Engine Flying Instructor.....	2545*		AIRCRAFT WARNING OFFICER, AIR- BORNE EQUIPMENT.....	0130
Advanced Twin-Engine Flying Instructor.....	2561*		AIRCRAFT WARNING OFFICER, FILTER.....	0160
AERIAL GUNNERY INSTRUCTOR.....	2554*		AIRCRAFT WARNING OFFICER, GROUND REPORTING EQUIPMENT.....	0110
Aerial Gunnery Training Director.....	2534*		AIRCRAFT WARNING OFFICER, GUN- LAYING AND SEARCHLIGHT EQUIP- MENT.....	0120
AERIAL INSTRUCTOR, BOMBARDIER- INC.....	2550*		Aircraft Warning Officer, Reporting Equip- ment.....	0110
Aerial Navigation Training Director.....	2533*		AIRCRAFT WARNING PLOTTER OF- FICER.....	0102
Aerial Observation Training Director.....	2535*		AIRDROME UNIT COMMANDER.....	1075
AERIAL OBSERVER.....	1029	28	AIRPORT ENGINEER.....	7970
AERIAL PHOTO-INTERPRETER.....	8503	97	AIRWAYS COMMUNICATION UNIT COM- MANDER.....	1074
AERIAL PHOTOGRAPHIC OFFICER.....	8502	97	ALLERGIST.....	3113
AERONAUTICAL ENGINEER.....	7540*		Allocations and Priorities Officer.....	4325*
AERONAUTICAL RESEARCH ENGI- NEER.....	7541*		AMBULANCE OFFICER.....	3503
AIDE-DE-CAMP.....	2030	49	AMMUNITION RENOVATING OFFICER.....	7303*
AIR BASE COMMANDER.....	1013	27	AMMUNITION SUPPLY OFFICER.....	4514
AIR BRAKE SHOP SUPERINTENDENT.....	4860*		AMPHIBIAN ENGINEER BASE SHOP COMMANDER.....	7214*
AIR CONDITIONING AND REFRIGERA- TION ENGINEER.....	7502*		AMPHIBIAN ENGINEER BOAT UNIT COMMANDER.....	1366
Air Evacuation Nurse.....	3434	68		43
Air Field Construction Engineer.....	7970	94		
AIR FORCE STAFF SURGEON.....	3161	61		
Air Forces Operations Officer.....	2161	50		
Air Forces Supply Officer, Technical.....	4902	87		
AIR GROUND SUPPORT STAFF OFFI- CER.....	2173	50		
AIR LIAISON OFFICER, STAFF.....	2140*			
AIR OBSERVATION PILOT.....	1981	48		
Air Officer, Port.....	4904*			
AIR OPERATIONS STAFF OFFICER (G-3 AIR, S-3 AIR).....	2164	50		
Air Photomapping Unit Commander.....	1072	31		

\*Specification appears in TM 12-406.

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

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AMPHIBIAN ENGINEER NAVIGATION OFFICER.....	1362	43	AUDITING OFFICER.....	6110	89
AMPHIBIAN ENGINEER SHORE UNIT COMMANDER.....	1363	43	Automatic Weapons Unit Commander, Anti-aircraft.....	1174	36
AMPHIBIAN TRUCK OFFICER.....	0668	24	AUTOMOTIVE ASSEMBLY OFFICER.....	4443*	
Analysis Officer, Propaganda.....	9305*		Automotive Engineer, Research.....	7509*	
Analysis Officer, Radio Traffic.....	9605	102	AUTOMOTIVE MAINTENANCE AND REPAIR OFFICER.....	4805	82
Analyst, Corporate.....	6132*		AUTOMOTIVE OFFICER, STAFF.....	4541	79
Analyst, Economic.....	6410*		Automotive Repair Instructor.....	2783*	
Analyst, Labor Market.....	6411*		AUTOMOTIVE RESEARCH ENGINEER.....	7509*	
Analyst, Price.....	6131*		AUTOMOTIVE SUPPLY OFFICER.....	4440	75
ANESTHETIST.....	3115	57	Automotive Tire Maintenance Officer.....	4818	84
Anesthetist, Nurse.....	3445	69	AVIATION ENGINEER UNIT COMMANDER.....	1337	42
ANIMATION PHOTOGRAPHY DIRECTOR.....	8518*		AVIATION MEDICAL EXAMINER.....	3160	61
ANTIAIRCRAFT ARTILLERY OPERATIONS OFFICER.....	1175	36	AVIATION ORDNANCE OFFICER.....	4532	79
ANTIAIRCRAFT AUTOMATIC WEAPONS UNIT COMMANDER.....	1174	36	AVIATION PHYSIOLOGIST.....	3327*	
Antiaircraft Composite Unit Commander.....	1176	36	Aviation Psychologist.....	2251*	
ANTIAIRCRAFT GUN UNIT COMMANDER.....				B	
ANTI-TANK UNIT COMMANDER.....	1172	35	B-26 Flying Instructor, Specialized.....	2563*	
ANTI-AIRCRAFT OFFICER, STAFF.....	1179	37	BACTERIOLOGIST.....	3307	65
Antiaircraft Unit Commander, Airborne.....	1177	36	Bakers and Cooks Technical Officer.....	4121*	
APPEALS OFFICER.....	1524	46	BAKERY OFFICER.....	4120	71
Architect, Landscape.....	8123*		Balance and Weight Officer.....	0911	26
ARCHITECTURAL ENGINEER.....	7115*		BALLISTICS OFFICER.....	7342*	
ARCHIVIST.....	7920*		BAND LEADER.....	5241	88
Area Engineer.....	2420*		BARRAGE BALLOON AND GAS SERVICE OFFICER.....	7313	91
ARMAMENT AND CHEMICAL OFFICER.....	7004*		BARRAGE BALLOON CONTROL OFFICER.....	1113	33
Armament Officer, Ship.....	4822	84	BARRAGE BALLOON ENGINEER.....	1116	33
ARMORED ASSAULT GUN UNIT COMMANDER.....	7531*		BARRAGE BALLOON UNIT COMMANDER.....	1112	32
ARMORED FIELD ARTILLERY UNIT COMMANDER.....	1207	40	Base Commander, Air Forces.....	1013	27
ARMORED FORCE TRAIN COMMANDER.....	1197	39	Base Shop Commander, Amphibian Engineer.....	7214*	
ARMORED INFANTRY UNIT COMMANDER.....	1219	40	Basic Flying Instructor.....	2543*	
ARMORED MORTAR UNIT COMMANDER.....	1560	47	BATTALION COMMANDER. (See appropriate unit designation.)		
ARMORED RECONNAISSANCE UNIT COMMANDER.....	1205	40	BATTERY COMMANDER. (See appropriate unit designation.)		
ARMORY MAINTENANCE AND REPAIR OFFICER.....	1204	39	BILLETTING OFFICER.....	4950*	
Army Administration Instructor.....	4807	82	BIOCHEMIST.....	3309	66
ARMY EMERGENCY RELIEF OFFICER.....	2726*		BLACKSMITH SHOP SUPERINTENDENT.....	4854*	
ARMY EXCHANGE OFFICER.....	5753*		BLOOD RESEARCH OFFICER.....	3319*	
ARMY TRANSPORT CONTROL OFFICER.....	4210	72	Board Member, Technical and Tactical.....	2042*	
ARMY TRANSPORT SERVICE SUPERINTENDENT.....	0808*		BOARDING OFFICER.....	0809*	
ART DIRECTOR.....	0815*		Boat Commander, Control.....	1369	44
Art Director, Air.....	5554*		Boat Maintenance and Salvage Officer, Engineer Amphibian Command.....	1372	44
Art Director, Motion Picture.....	5553*		BOAT MAINTENANCE AND SALVAGE UNIT COMMANDER.....	1372	44
Artillery Gunnery Instructor.....	5553*		BOAT SALVAGE OFFICER.....	7218*	
ARTILLERY MAINTENANCE AND REPAIR OFFICER.....	2743*		Boat Unit Commander, Amphibian Engineer.....	1366	43
Artillery Observer, Forward.....	4808	83	BOILER AND SMITH SHOP SUPERINTENDENT.....	4852*	
Artillery Operations Officer, Antiaircraft.....	1189	37	BOILER SHOP SUPERINTENDENT.....	4853*	
Assault Gun Unit Commander, Armored.....	1175	36	BOILER WATER TREATMENT OFFICER.....	7380*	
Assembly Officer, Automotive.....	1207	40	BOMB DISPOSAL OFFICER.....	9224	99
Assignment Officer, Procurement.....	4443*		BOMBARDIER.....	1035	29
ATHLETIC DIRECTOR.....	4323*		Bombardier Ground Training Director.....	2532*	
AUDIO ENGINEERING OFFICER.....	5661*		BOMBARDIER INSTRUCTOR.....	2552*	
	7890*		Bombardier Instructor, Aerial.....	2550*	

\*Specification appears in TM 12-406.

MILITARY CLASSIFICATION AND CODING

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Bombardier-Navigator	1036	29	Chief Clerk	2600	53
Bombardier-Navigator, L. A. B.	1037	29	Chief Clerk, Legal	2601	53
Bombardier-Navigator, Radar	1038	29	Chief Marine Engineer	0823	25
Bombardier Training Director	2531*	30	CHIEF OF MEDICAL SERVICE	3135	59
Bombardier Training Pilot	2557*	30	CHIEF OF STAFF	2010	48
<b>BOMBARDMENT UNIT COMMANDER</b>	<b>1060</b>	<b>30</b>	CHIEF OF SURGICAL SERVICE	3136	59
Bomber-Fighter Unit Commander	1063	30	CHIEF OR DIRECTOR, MAJOR DEPART.		
<b>BOMBER PILOT, FOUR-ENGINE</b>	<b>1024</b>	<b>28</b>	MENTAL UNIT	2025*	
<b>BOMBER PILOT, SINGLE-ENGINE</b>	<b>1021</b>	<b>27</b>	Chief Statistical Draftsman	6403*	
<b>BOMBER PILOT, TWO-ENGINE</b>	<b>1022</b>	<b>27</b>	CIVIL AFFAIRS OFFICER, INTERNAL	9226*	
Bombing and Gunnery Range Officer	2556*	28	SECURITY		
<b>BOMBING RECORDS OFFICER</b>	<b>2403*</b>	<b>85</b>	CIVIL AFFAIRS OFFICER, MILITARY	8104	95
<b>BOMBSIGHT MAINTENANCE OFFICER</b>	<b>4825</b>	<b>85</b>	GOVERNMENT	2203*	
Bridge and Building Supervisor, Railway	0716*	42	CIVILIAN CLASSIFICATION OFFICER	2720*	
Bridge Unit Commander, Portable	1342	42	Civilian Defense Instructor	2202*	
<b>BUDGET AND FISCAL OFFICER</b>	<b>6302*</b>	<b>42</b>	CIVILIAN PERSONNEL OFFICER	8125*	
<b>BUDGET OFFICER</b>	<b>6304*</b>	<b>42</b>	CLAIMS OFFICER		
Building and Bridge Supervisor, Railway	0716*	42	CLASSIFICATION AND ASSIGNMENT OF		
Building and Equipment Security Officer	9220*	42	FICER	2210	51
<b>BUTCHERY OFFICER</b>	<b>4713</b>	<b>80</b>	Classification Officer, Civilian	2203*	
			Classified Materials Security Officer	9620*	
			Climatologist	8212	95
			<b>CLOTHING AND EQUIPMENT STERIL-</b>		
			<b>IZATION OFFICER</b>	4831	85
			Clothing and Textiles Repair Officer	4610*	
			<b>CLUB OFFICER</b>	5621*	
			COAST ARTILLERY OFFICER, STAFF	1159	34
			COAST ARTILLERY UNIT COMMANDER	1102	32
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			Code Officer, Cryptanalytic	9601	102
			<b>COLD STORAGE WAREHOUSE OFFICER</b>	4712	80
			Collecting Officer, Salvage	4601	79
			<b>COMBAT ENGINEER UNIT COM-</b>		
			<b>MANDER</b>	1331	41
			Combat Intelligence Officer	9301	99
			<b>COMBAT LIAISON OFFICER</b>	1930	48
			Commandant, Medical School	2501*	
			Commandant, School	2500*	
			<b>COMMERCIAL COMMUNICATIONS EN-</b>		
			<b>GINEER</b>	7760*	
			Commissary Sales Officer	4222	72
			Communicable Disease Medical Officer	3116	57
			Communicable Disease Nurse	3441	68
			Communications Coordination Radio Officer	7891*	
			<b>COMMUNICATIONS ENGINEER</b>	7701*	
			Communications Engineer, Commercial	7760*	
			Communications Engineer, Consulting	7865*	
			Communications Equipment Maintenance Re-		
			search Engineer	7702*	
			Communications Liaison Officer, Radio	7881*	
			<b>COMMUNICATIONS OFFICER</b>	0200	18
			Communications Officer, General	0200	
			Communications Officer, Public	7899*	
			<b>COMMUNICATIONS RESEARCH SPE-</b>		
			<b>CIALIST</b>	7790*	
			<b>COMMUNICATIONS SPECIFICATION OF</b>	7703*	
			<b>FICER</b>	7705*	
			<b>COMMUNICATIONS STANDARDS ENGI-</b>	2680*	
			<b>NEER</b>	1073	31
			<b>COMMUNICATIONS SURVEY OFFICER</b>	1074	31
			Communications Unit Commander, Air Sup-		
			port		
			Communications Unit Commander, Airways		
			<b>COMPANY COMMANDER</b> . (See appro-		
			priate unit designation.)		

\*Specification appears in TM 12-406.

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COMPOSITE UNIT COMMANDER, AIR	1070	31	Dental Surgeon	3171	62
CONSTRUCTION ENGINEER	7110	90	Dental Surgeon, Oral	3171	62
Construction Engineer, Estimating	7105*		Depot and Supply Administration Instructor	2727*	
Construction Engineer, Inspection	7100*		Depot Commander, Salvage	4602*	
Construction Engineer, Railway	7922*		Depot Commander, Supply	4450*	
CONSTRUCTION ESTIMATING ENGINEER	7105*		Depot Supply Officer	4410	74
CONSTRUCTION INSPECTION ENGINEER	7100*		DERMATOLOGIST	3112	57
Consultant, Medical	3117	57	Design Engineer, Marine	7201*	
Consultant, Neuropsychiatric	3132	59	Development Officer, Visual Aids	2685*	
Consultant, Personnel	2230	51	DIESEL ENGINE OFFICER	1374	44
Consultant, Surgical	3118	57	DIESEL ENGINE REPAIR OFFICER	7222*	
CONSULTING COMMUNICATIONS ENGINEER	7865*		DIESEL LOCOMOTIVE SHOP SUPERINTENDENT	4862*	
CONTRACT FLYING SCHOOL SUPERVISOR	2565*		Dietitian, Hospital	3420	67
Contract Legal Reviewer	8110*		Direction and Range Finding Radio Telephone Engineer	7862*	
Contracting and Purchasing Officer	4310		Director, Animation Photography	8518*	
Contracting Officer	4310		Director, Art	5554*	
Control and Planning Officer, Procurement	4319*		Director, Athletics	5661*	
CONTROL BOAT COMMANDER	1369		Director, Motion Picture Art	5553*	
Control Officer, Army Transport	0808*		DIRECTOR OF AERIAL GUNNERY TRAINING	2534*	
Control Officer, Barrage Balloon	1113		DIRECTOR OF AERIAL NAVIGATION TRAINING	2533*	
Control Officer, Correspondence	2630*		DIRECTOR OF AERIAL OBSERVATION TRAINING	2535*	
Control Officer, Machine Records	2402*		DIRECTOR OF BOMBARDIER GROUND TRAINING	2532*	
Control Officer, Organization	2611*		DIRECTOR OF BOMBARDIER TRAINING	2531*	
Control Officer, Procedures	2610*		DIRECTOR OF FLYING	2530*	
Control Officer, Statistical	6402		DIRECTOR OF GLIDER TRAINING	2536*	
Control Officer, Venereal Disease	3155		Director of Ground School	2532*	
CONTROLLER, FIGHTER INTERCEPTION	1014		Director of Gunnery Training	2534*	
Cooks and Bakers Technical Officer	4121*		DIRECTOR OF MEDICAL TRAINING	2527*	
Coordinating Officer, Motion Picture	8520*		Director of Navigation Training	2533*	
CORPORATE ANALYST	6132*		Director of Observation Training	2535*	
CORRESPONDENCE CONTROL OFFICER	2630*		DIRECTOR OF TRAINING	2525*	
Correspondence Course Education Officer	5505*		Director or Chief, Major Departmental Unit	2025*	
COUNTERINTELLIGENCE OFFICER	9302		Director, Photography	8511*	
COURIER OFFICER	0015		Director, Physical Training	5521*	
CRIMINAL INVESTIGATIONS OFFICER	9322*		Disbursing Officer, Finance	6201	89
CRYPTANALYTIC OFFICER, CHEMICAL	9602		Disease Control Officer, Venereal	3155	60
CRYPTANALYTIC OFFICER, CODE	9601		Dispatcher, Railway	0740*	
CRYPTANALYTIC OFFICER, GENERAL	9600		Distribution Officer, Equipment	4407*	
Cryptanalytic Officer, Traffic	9605		Distribution Officer, Film	8522*	
CRYPTANALYTIC OFFICER, TRANSLATIONS	9604		Distribution Officer, Motor Vehicle	0650*	
Cryptanalytic Security Officer	9610*		Distribution Officer, Publications	4961*	
CRYPTOGRAPHIC EQUIPMENT MAINTENANCE AND REPAIR OFFICER	9606*		Distribution Planning Officer, Matériel	4701*	
Cryptographic Equipment Officer	9603*		District Engineer	7004*	
CRYPTOGRAPHIC OFFICER, EQUIPMENT	9603*		Diver Foreman, Submarine	7242*	
MATERIAL	0224		DIVISION ENGINEER	7004*	
Cryptographic Officer, Message Center	9610*		Dock and Port Engineer	7240*	
Cryptographic Security Officer	9610*		DOCK ORDNANCE OFFICER	0807*	
CUSTODIAL OFFICER	4931*		Dockage and Salvage Officer	7217*	
			DOCKAGE OFFICER	7219*	
			DOG TRAINING OFFICER	4371*	
			DRAFTING AND REPRODUCTION OFFICER	7980*	
Dairy and Meat Products Inspector	3221		Draftsman, Statistical	6403*	
DAIRY PRODUCTS INSPECTOR	3223		DUMP TRUCK OFFICER	0662	24
Decontaminating Unit Commander, Chemical	1414				

\*Specification appears in TM 12-406.

D

Dairy and Meat Products Inspector..... 3221  
 DAIRY PRODUCTS INSPECTOR..... 3223  
 Decontaminating Unit Commander, Chemical..... 1414

MILITARY CLASSIFICATION AND CODING

DUTIES UNASSIGNED OR NOT QUALIFIED IN MOS	Code	Page		Code	Page	
DUTIES UNASSIGNED OR NOT QUALIFIED IN MOS	0001	16				
			<b>E</b>			
ECONOMIC ANALYST	6410*			Evacuation and Supply Staff Officer (G-4, A-4, S-4)	4010	70
ECONOMICS OFFICER, MILITARY GOVERNMENT	8000*			Evacuation Officer, Ordnance	4620	80
Economics Officer, Theater of Operations	8000*			Examinations Officer, Academic	2705*	
Editor, Historical	2421*			EXCHANGE ACCOUNTING OFFICER	6102*	
Editor, Motion Picture	8516*			Exchange Officer, Army	4210	72
Editor, Publications	5420*			EXECUTIVE OFFICER. (See par. 9.)		
Editor, Newspaper	5411*			EXODONTIST	3172	62
EDUCATION OFFICER	5500*			Expediter, Procurement	4355*	
EDUCATION OFFICER, CORRESPONDENCE COURSE	5505*			Expediter, Production	7416*	
Education Officer, Public	5503*			EXPERIMENTAL SHOP OFFICER	4922*	
Educational and Vocational Guidance Officer	2235*			Eye, Ear, Nose, and Throat Specialist	3106	56
ELECTRIC LOCOMOTIVE REPAIR SHOP SUPERINTENDENT	4861*					
ELECTRIC RAILWAY POWER TRANSMISSION SUPERINTENDENT	0761*					
ELECTRICAL ENGINEER	7611	92		FERRYING OPERATIONS OFFICER	0902	25
Electrical Engineer, Research	7610*			Ferrying Squadron Commander	0902	25
ELECTRICAL RESEARCH ENGINEER	7610*			Fever Therapy Nurse	3438	68
ELECTRONICS REVIEW OFFICER	7601*			FIELD ARTILLERY OFFICER, STAFF	1199	39
Emergency Relief Officer, Army	5753*			FIELD ARTILLERY UNIT COMMANDER	1193	38
ENEMY EQUIPMENT IDENTIFICATION OFFICER	9340*			Field Artillery Unit Commander, Airborne	1195	39
ENGINEER. (See appropriate field.)	1366	43		Field Artillery Unit Commander, Armored	1197	39
Engineer Boat Unit Commander, Amphibian				Field Artillery Unit Commander, Pack	1194	38
ENGINEER EQUIPMENT MAINTENANCE AND REPAIR OFFICER	4880	36		Field Artillery Unit Commander, Parachute	1190	37
Engineer Shore Unit Commander, Amphibian	1363	43		Field Engineering Instructor	2747*	
ENGINEER, STAFF	7010	90		Field Intelligence Officer, Chemical	9314	100
ENGINEER SUPPLY OFFICER	4470	76		Field Line Construction Officer, Telephone and Telegraph	0420	20
Engineer Unit Commander, Airborne	1336	42		Field Message Center Officer	0221	19
Engineer Unit Commander, Aviation	1337	42		Field Provost Marshal	9101	98
Engineer Unit Commander, Combat	1331	41		Field Radio Officer	0501	21
Engineer Unit Commander, General Service	1328	41		FIGHTER-BOMBER UNIT COMMANDER	1063	30
Engineer Unit Commander, Parachute	1339	42		FIGHTER CONTROL UNIT COMMANDER	1068	31
Engineering Officer, Aircraft	4823	84		Fighter Interception Controller	1014	27
ENGINEHOUSE FOREMAN	0737*			FIGHTER PILOT, SINGLE-ENGINE	1055	30
Entertainment Director, Theatrical	5261*			FIGHTER PILOT, TWO-ENGINE	1056	30
Entertainment Officer, Theater	5261*			FIGHTER UNIT COMMANDER	1065	31
ENTOMOLOGIST	3315	66		FILM DISTRIBUTION OFFICER	8522*	
EPIDEMIOLOGIST	3119	58		Film Officer, Foreign	8525*	
Equipment and Building Security Officer	9220*			FILM STRIP PRODUCTION OFFICER	8519*	
Equipment and Clothing Sterilization Officer	4831	85		Filter Officer, Aircraft Warning	0160	18
Equipment and Organization Planning Officer	2615*			FINANCE OFFICER, ADMINISTRATIVE	6200*	
EQUIPMENT DISTRIBUTION OFFICER	4407*			FINANCE OFFICER, DISBURSING	6201	89
Equipment Engineer, Telegraph	7820*			Finance Officer, Public	6010*	
Equipment Engineer, Telephone	7720*			FINANCIAL REVIEWER	6133*	
Equipment Identification Officer, Enemy	9340*			FINGERPRINT OFFICER	9218*	
Equipment Maintenance and Repair Officer, Cryptographic	9606*			FIRE CONTROL INSTRUMENT REPAIR OFFICER	4806	82
ERECTING AND MACHINE SHOP SUPERINTENDENT	4855*			FIRE DIRECTION OFFICER	1188	37
Erecting Shop Superintendent, Locomotive	4856*			FIRE MARSHAL	9414*	
EROSION CONTROL ENGINEER	7953*			FIRE PREVENTION OFFICER	9415*	
ESCORT GUARD UNIT COMMANDER	9122*			Fiscal and Budget Officer	6302*	
Estimating Engineer, Construction	7105*			FISCAL OFFICER	6301*	

\*specification appears in TM 12-406.

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

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FLYING INSTRUCTOR, BASIC	2543*		GROUP COMMANDER. (See appropriate unit designation.)		
FLYING INSTRUCTOR, FOUR-ENGINE	2546*		Guidance Officer, Vocational and Educational	2235*	
FLYING INSTRUCTOR, GLIDER	2549*		Gun Crew Commander, Transport	1922*	
FLYING INSTRUCTOR, SPECIALIZED B-26	2563*		Gun Unit Commander, Antiaircraft	1172	35
FLYING SAFETY OFFICER	9260*		Gunlaying and Searchlight Equipment Aircraft Warning Officer	0120	17
Flying School Supervisor, Contract	2565*		GUNNERY AND BOMBING RANGE OF FICER	2556*	
Flying Trainer Officer, Instrument	2547*	64	Gunnery Instructor, Aerial	2554*	
FOOD CHEMIST	3224		Gunnery Instructor, Artillery	2743*	
FORAGE INSPECTION OFFICER	4132*		Gunnery Instructor, Tank	2744*	
Forecaster, Tropical Weather	8216	96	Gunnery Training Director, Aerial	2534*	
Forecaster, Weather	8211	95	Gynecologist and Obstetrician	3108	56
FOREIGN FILM OFFICER	8525*				
FOREIGN LANGUAGES PROPAGANDA OFFICER	9306*				
FOREIGN LIAISON INTELLIGENCE OFFICER	9303*				
FORESTRY OFFICER	4942*				
FORWARD OBSERVER, ARTILLERY	1189	37	H		
Four-Engine Bomber Pilot	1024	28	Harbor Boat Officer	0801*	
Four-Engine Flying Instructor	2546*		HARBOR DEFENSE ENGINEER	7245*	
Four-Engine Pilot, Service	0917	27	HARBOR DEFENSE UNIT COMMANDER	1160	35
Four-Engine Service Pilot	0917	27	Harbor Engineer, Defense	7245*	
Freight and Passenger Transportation Officer	0612*		HARBOR MASTER	0801*	
FREIGHT TRANSPORTATION OFFICER	0610*		Headquarters Battery Commander	2900	54
Fuel Agent, Railway	4476*		HEADQUARTERS COMMANDANT	2901	54
Fuel Engineer, Research	7391*		HEADQUARTERS COMPANY COMMANDER	2900	54
FUEL RESEARCH ENGINEER	7391*		Headquarters Squadron Commander	2900	54
			Headquarters Troop Commander	2900	54
			Health Officer, Public	3005*	
			HEATING AND VENTILATING ENGINEER	7503*	
			HIGHWAY ENGINEER	7140	90
			HIGHWAY TRAFFIC ENGINEER	0615*	
			HISTORICAL EDITOR	2421*	
			HORSE CAVALRY UNIT COMMANDER	1613	47
			Horsemanship Instructor	2749*	
			HOSPITAL COMMANDER	3501	70
			HOSPITAL DIETITIAN	3420	67
			HULL REPAIR AND SALVAGE OFFICER		
				7216*	
			HYDRAULIC ENGINEER	7901*	
			Hygienist, Industrial	7430*	
			I		
G-1, Personnel Staff Officer	2260	52	IDENTIFICATION OFFICER	9230*	
G-2, INTELLIGENCE STAFF OFFICER	9301	99	Identification Officer, Enemy Equipment	9340*	
G-3, Operations and Training Staff Officer	2162	50	Identification Officer, Military	2642*	
G-3, Air (Air Operations Staff Officer)	2164	50	Impregnating Officer, Chemical	4832	
G-4, Supply and Evacuation Staff Officer	4010	70	Induction and Recruiting Officer	2310*	
GAS MASK INSPECTION OFFICER	7322*	91	INDUSTRIAL ENGINEER	7421*	
Gas Officer, Barrage Balloon	7313	55	INDUSTRIAL HYGIENIST	7430*	
Gas Officer, Medical	3102	88	INDUSTRIAL RELATIONS OFFICER	2329*	
GASOLINE SUPPLY OFFICER	4962	56	INFANTRY CANNON UNIT COMMANDER	1192	38
GASTROENTEROLOGIST	3105	3100	INFANTRY UNIT COMMANDER	1542	47
General Duty Medical Officer	3449	55	Infantry Unit Commander, Airborne	1512	46
General Duty Nurse	0002	69	Infantry Unit Commander, Armored	1560	47
GENERAL OFFICER	1328	41	Infantry Unit Commander, Mountain	1513	46
GENERAL SERVICE ENGINEER UNIT COMMANDER	2165*	60	Infantry Unit Commander, Parachute	1510	46
General Staff Operations Officer	3150		INFORMATION OFFICER	9020*	
General Surgery Medical Officer	7940*		Information Officer, Insurance	5750*	
GEOLOGIST	7901*		Information Officer, Special Services	5002*	
Geology and Water Resources Officer	2549*				
Glider Flying Instructor	2539	53			
GLIDER OPERATIONS OFFICER	1026	28			
GLIDER PILOT	1027	28			
GLIDER TOW PILOT	2536*				
Glider Training Director					
GRAVES REGISTRATION AND MEMORIAL OFFICER	2430	52			
Ground Air Support Staff Officer	2173	50			
Ground Range Officer	2556*				
GROUND RANGING UNIT COMMANDER	1164	35			
Ground Reporting Equipment, Aircraft Warning Officer	0110	16			
GROUNDS MAINTENANCE OFFICER	4912*				

\*Specification appears in TM 12-406.

**MILITARY CLASSIFICATION AND CODING**

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INLAND WATERWAYS TRANSPORTATION REGULATING OFFICER.....	0830*		INSTRUCTOR, SEARCHLIGHT AND INSTRUMENT CONTROL.....	2740*	
Inside Plant Officer, Telephone and Telegraph.....	0410	20	INSTRUCTOR, SMALL ARMS.....	2741*	
INSPECTION AND SURVEILLANCE OFFICER.....	4466*		INSTRUCTOR, SURVEYING AND MAPPING.....	2746*	
INSPECTION ENGINEER.....	7501*		INSTRUCTOR, TACTICS.....	2725*	
Inspection Engineer, Construction.....	7100*		INSTRUCTOR, TANK GUNNERY.....	2744*	
Inspection Officer.....	4314*		INSTRUCTOR, VISUAL COMMUNICATIONS.....	2723*	
Inspection Engineer, Signal Equipment.....	7892*		INSTRUCTOR, WELDING.....	2781*	
Inspection Officer, Aircraft.....	4903*	78	Instrument and Searchlight Control Instructor.....	2740*	
Inspection Officer, Chemical.....	4513		INSTRUMENT-FLYING-TRAINER OFFICER.....	2547*	
Inspection Officer, Forage.....	4132*		INSTRUMENT REPAIR OFFICER.....	4894*	
Inspection Officer, Gas Mask.....	7322*		Instrument Repair Officer, Fire Control.....	4806	85
Inspection Officer, Production.....	4314*		INSURANCE CONSULTANT.....	4305*	
Inspection Officer, Warehouse and Supply.....	4980*		INSURANCE INFORMATION OFFICER.....	5750*	
Inspector, Administrative.....	2121	49	INSURANCE OFFICER.....	5751*	
Inspector, Air, Technical.....	7536*		INTELLIGENCE AND SECURITY OFFICER.....	9311*	
Inspector, Chemical Munitions.....	7321*		Intelligence Editorial Officer.....	9620*	
Inspector, Dairy Products.....	3223	64	INTELLIGENCE OFFICER.....	9307*	
INSPECTOR GENERAL.....	9310	100	Intelligence Officer, Counterintelligence.....	9302	99
Inspector, Marine.....	7212*		Intelligence Officer, Field, Chemical.....	9314	100
Inspector, Meat and Dairy Products.....	3221	64	Intelligence Officer, Foreign Liaison.....	9303*	
Inspector, Meat Products.....	3222	64	Intelligence Officer, Medical.....	3090	55
Inspector, Medical.....	3301	65	Intelligence Officer, Military.....	9300*	
Inspector, Postal.....	9010*		Intelligence Officer, Radio.....	0225	19
Inspector, Safety.....	7422*		INTELLIGENCE STAFF OFFICER (G-2, A-2, S-2).....	9301	99
Inspector, Tactical.....	2166*		Interceptor Plotter Officer.....	0102	16
Inspector, Training.....	2521*		INTERNATIONAL AID SUPPLY OFFICER.....	4403*	
Installation and Test Engineer, Telephone and Telegraph.....	7723*		International Law Instructor.....	2514*	
Installation Officer, Noise Suppression.....	4910*		INTERNEE TRANSFER AND MOVEMENT OFFICER.....	9124*	
Installation Protection Officer.....	9212*		Internist, Medical Officer.....	3139	60
Instruction Officer, Visual Aids.....	2685*		INTERMENT CAMP COMMANDER.....	9120*	
Instructor, Aerial Gunnery.....	2554*		Interrogation Officer, Prisoner of War.....	9316	100
INSTRUCTOR, AIRCRAFT RECOGNITION.....	2721*		INVESTIGATIONS OFFICER.....	9320*	
INSTRUCTOR, ARMY ADMINISTRATION.....	2726*		Investigations Officer, Criminal.....	9322*	
INSTRUCTOR, ARTILLERY GUNNERY.....	2743*				
INSTRUCTOR, AUTOMOTIVE REPAIR.....	2783*		J		
Instructor, Basic Flying.....	2543*		Job Analyst, Military.....	2220*	
Instructor, Bombardier.....	2552*		JUDGE ADVOCATE OR JUDGE ADVOCATE GENERAL.....	8103	94
Instructor, Bombardiering, Aerial.....	2550*		Judge Advocate, Trial.....	8105	95
INSTRUCTOR, CIVILIAN DEFENSE.....	2720*				
INSTRUCTOR, DEPOT AND SUPPLY ADMINISTRATION.....	2727*		L		
INSTRUCTOR, FIELD ENGINEERING.....	2747*		LABOR AND WAREHOUSE EQUIPMENT OFFICER.....	4709*	
Instructor, Flying, Advanced Single-Engine.....	2545*		LABOR MARKET ANALYST.....	6411*	
Instructor, Flying, Advanced Twin-Engine.....	2561*		LABOR RELATIONS OFFICER.....	2330*	
Instructor, Flying, Four-Engine.....	2546*		LABOR SERVICE OFFICER.....	4451	75
Instructor, Flying, Specialized B-26.....	2563*		LABOR SUPPLY OFFICER.....	2331*	
Instructor, Glider Flying.....	2549*		Laboratory Officer, Medical.....	3303	65
INSTRUCTOR, HORSEMANSHIP.....	2749*		Laboratory Officer, Veterinary.....	3231	65
INSTRUCTOR, INTERNATIONAL LAW.....	2514*		Laboratory Service Officer.....	3303	
INSTRUCTOR, LANGUAGES.....	2711*		Laboratory Supervisor, Motion Picture.....	8515*	
INSTRUCTOR, MACHINE SHOP.....	2780*		LANDSCAPE ARCHITECT.....	7115*	
INSTRUCTOR, MILITARY GOVERNMENT.....	2512*		Language Instructor.....	2711*	
Instructor, Navigation.....	2553*		Language Officer, Propaganda.....	9306*	
INSTRUCTOR, PHYSICAL SCIENCES.....	2710*		Large Animal Veterinary Officer.....	3201	63
INSTRUCTOR, PUBLIC ADMINISTRATION.....	2513*		LAUNDRY OFFICER.....	4830	85
INSTRUCTOR, PUBLIC SPEAKING.....	2712*				

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Law Instructor, International	2514*		Maintenance Officer, Utilities	7120*	
Lay-out and Specification Communications Officer	7703*		Maintenance Officer, Aircraft Torpedo	4824	85
Leader, Band	5241	88	Maintenance Officer, Bombaught	4825	85
Leather and Rubber Repair Officer	4611*		Maintenance Officer, Chemical	4841	86
Legal Assistant, Administrative	2601	53	Maintenance Officer, Grounds	4912*	
LEGAL ASSISTANCE OFFICER	8120*		Maintenance Officer, Parachute	4820	84
LEGAL OFFICER	8101*		Maintenance Officer, Range	4915*	
LEGAL OFFICER, MILITARY GOVERNMENT	8107*		Maintenance Officer, Track Vehicle	0606	23
LEGAL REVIEWER, CONTRACT	8110*		Maintenance Officer, Wheel Vehicle	0605	22
Liaison Officer, Combat	1930	48	MAINTENANCE RESEARCH ENGINEER, COMMUNICATIONS EQUIPMENT	7702*	
Liaison Officer, Photographic	5402*		Maintenance Service Officer, Ordnance	4813	83
Liaison Officer, Radio Communications	7881*		Maintenance Supervisor, Railway Signal	0718*	
Liaison Staff Officer, Air	2140*		Manager, Motion Picture Unit	8550*	
LIBRARIAN	5580*		Manager, Newspaper	5414*	
Light and Sound Officer	0250*		Manager, Theater	5250*	
Link Trainer Officer	2547*		MANPOWER REQUIREMENTS OFFICER, SELECTIVE SERVICE	2334*	
LITTER OFFICER	3504	70	Manufacturing Engineer, Radio Equipment	7861*	
LOCATOR FILE OFFICER	2614*		MAP REPRODUCTION OFFICER	7917	93
LOCOMOTIVE ERECTING SHOP SUPERINTENDENT	4856*		Mapping and Surveying Instructor	2746*	
Locomotive Repair Shop Superintendent, Electric	4861*		MARINE DESIGN ENGINEER	7201*	
Locomotive Shop Superintendent, Diesel	4862*		MARINE ENGINE OFFICER	1376	44
LOGISTICS OFFICER	2625*		MARINE ENGINE REPAIR OFFICER	7221*	
LUBRICATION OFFICER	4441*		MARINE ENGINEER	0623	25
<b>M</b>			Marine Engineer, Port	7210*	
Machine and Erecting Shop Superintendent	4855*		MARINE INSPECTOR	7212*	
Machine Officer, Accounting	6103*		MARINE MAINTENANCE AND REPAIR ENGINEER	7200*	
MACHINE RECORDS CONTROL OFFICER	2402*		Market Analyst, Labor	6411*	
MACHINE RECORDS OFFICER	2401	52	Master Mechanic, Railway	0735*	*
Machine Shop Instructor	2780*		Master, Mine Planter	0820	25
Machine Shop Superintendent, Railway	4857*		MASTER OR MATE	0820	25
Machinery and Metals Repair Officer	4613*		Mate or Master	0820	25
Magazine Officer	4514	78	MATÉRIEL DISTRIBUTION PLANNING OFFICER	4701*	
MAIL TRANSPORTATION OFFICER	0640*		Matiériel Processing Officer, Ordnance	4465*	
Maintenance and Repair Engineer, Marine	7200*		MEAT AND DAIRY PRODUCTS INSPECTOR	3221	64
MAINTENANCE AND REPAIR OFFICE, AIR-BORNE SIGNAL EQUIPMENT	4402	73	MEAT PRODUCTS INSPECTOR	3222	64
Maintenance and Repair Officer, Armory	4807	82	MECHANICAL ENGINEER	7500*	
Maintenance and Repair Officer, Artillery	4808	83	Mechanical Engineer, Port and Dock Facilities	7505*	
Maintenance and Repair Officer, Automotive	4805	82	Mechanical Engineer, Railway	7507*	
Maintenance and Repair Officer, Cryptographic Equipment	9606*		Mechanical Engineer, Research	7510*	
Maintenance and Repair Officer, Engineer Equipment	4880	86	MECHANICAL RESEARCH ENGINEER	7510*	
Maintenance and Repair Officer, Radar	0145	18	MECHANIZED CAVALRY UNIT COMMANDER	1620	47
Maintenance and Repair Officer, Radio	7864*		MEDICAL CONSULTANT	3117	57
Maintenance and Repair Officer, Ship	7211*		Medical Examiner, Aviation	3160	61
Maintenance and Repair Officer, Signal Equipment	4415	74	MEDICAL INSPECTOR	3301	65
Maintenance and Repair Officer, Tank	4803	81	MEDICAL INTELLIGENCE OFFICER	3090	55
Maintenance and Repair Officer, Telephone and Telegraph	0260	20	MEDICAL LABORATORY OFFICER	3303	65
Maintenance and Repair Officer, Tire	4818	84	MEDICAL OFFICER, COMMUNICABLE DISEASE	3116	57
Maintenance and Salvage Unit Commander, Boat	1372	44	MEDICAL OFFICER, GAS	3102	55
Maintenance Engineer	7120*		MEDICAL OFFICER, GENERAL DUTY	3100	55
Maintenance Engineer, Railway Shop	7921*		MEDICAL OFFICER, GENERAL SURGERY	3150	60
Maintenance of Way Superintendent, Rail-way	0715*		MEDICAL OFFICER, INTERNIST	3139	60
			MEDICAL OFFICER, TUBERCULOSIS	3101	55
			MEDICAL PHOTOGRAPHER	8547	98
			MEDICAL REGISTRAR	2431	53
			MEDICAL REGULATING OFFICER	3120	58
			MEDICAL SCHOOL COMMANDANT	2501*	

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Medical Service, Chief	3135	59	Munitions Inspector, Chemical	7321*	
MEDICAL SUPPLY OFFICER	4490	76	MUNITIONS OFFICER	4510	77
Medical Training Director	2527*		MUNITIONS PRODUCTION OFFICER	7320*	
MEDICAL UNIT COMMANDER	3500	69	MUSIC OFFICER	5240*	
Member, Technical and Tactical Board	2042*				
Memorial and Graves Registration Officer	2430	52			
MESS OFFICER	4110	71			
MESS, SUPPLY, AND TRANSPORTATION OFFICER	4113	71	N		
MESSAGE CENTER OFFICER	0220*		NAVIGATION INSTRUCTOR	2553*	
MESSAGE CENTER OFFICER, CRYPTOGRAPHIC	0224	19	Navigation Officer, Amphibian Engineer	1362	43
MESSAGE CENTER OFFICER, FIELD	0221	19	Navigation Training Director, Aerial	2533*	
Message Center Officer, Field Organization	0221	19	NAVIGATOR	1034	28
MESSAGE CENTER OFFICER, FIXED STATION	0222*		NAVIGATOR-BOMBARDIER	1036	29
Message Center Officer, General	0220*		NAVIGATOR-BOMBARDIER, L. A. B.	1037	29
Message Center Officer, Signal Intelligence	0225	19	NAVIGATOR-BOMBARDIER, RADAR	1038	29
METALLURGIST	7317*		NAVIGATOR, RADAR	1039	29
Metals and Machinery Repair Officer	4613*		Navigator Training Pilot	2559*	
METEOROLOGICAL PROJECT OFFICER	8204*		NEUROPSYCHIATRIC CONSULTANT	3132	59
METEOROLOGICAL RESEARCH ENGINER	8210*		Neuropsychiatric Nurse	3437	68
MICROFILM PHOTOGRAPHY OFFICER	8545*		NEUROPSYCHIATRIST	3130	58
Military Government Administrative Officer	2124*	95	NEWSPAPER EDITOR	5411*	
Military Government Civil Affairs Officer	8104		NEUROSURGEON	3131	59
Military Government Economics Officer	8000*		NEWSPAPER MANAGER	5414*	
Military Government Instructor	2512*		NIGHT FIGHTER PILOT, TWO-ENGINE	1058	90
Military Government Legal Officer	8107*		Night Fighter, Radar Observer	0520	22
Military Government Public Relations Officer	5403*		NOISE SUPPRESSION INSTALLATION OFFICER	4910*	
MILITARY IDENTIFICATION OFFICER	2642*		NOMENCLATURE OFFICER	4408*	
MILITARY INTELLIGENCE OFFICER	9300*		Nontactical Unit Officer	2136*	
MILITARY JOB ANALYST	2220*		Not Qualified in MOS	0001	16
MILITARY PERSONNEL OFFICER	2200	51	NURSE, ADMINISTRATIVE	3430	68
MILITARY POLICE OFFICER	9110	98	NURSE, AIR EVACUATION	3434	68
Military Science and Tactics, Professor	2517*		NURSE, ANESTHETIST	3445	69
Mine Property Officer, Submarine	4511	77	NURSE, COMMUNICABLE DISEASE	3441	68
Mortar Unit Commander, Armored	1205	40	NURSE, FEVER THERAPY	3438	68
MOTION PICTURE ART DIRECTOR	5553*		NURSE, GENERAL DUTY	3449	69
MOTION PICTURE CAMERAMAN	8530	98	NURSE, NEUROPSYCHIATRIC	3437	68
MOTION PICTURE COORDINATING OFFICER	8520*		NURSE, OBSTETRICAL	3446	69
MOTION PICTURE EDITOR	8516*		NURSE, OPERATING ROOM	3443	69
MOTION PICTURE LABORATORY SUPERVISOR	8515*		NUTRITION OFFICER	3316	67
Motion Picture Officer	8537*		Nutritionist	3316	67
Motion Picture Officer, Foreign Films	8525*				
MOTION PICTURE PRODUCER	8537*		O		
MOTION PICTURE UNIT MANAGER	8550*		Observation Pilot	1981	48
MOTOR TRANSPORT PLANNING OFFICER	0642*		Observation Training Director, Aerial	2535*	
MOTOR TRANSPORT OFFICER	0600	22	Observation Unit Commander, Sound and Flash	1154	34
MOTOR TRANSPORTATION MOVEMENT OFFICER	0614*		Observer, Aerial	1029	28
Motor Transportation Officer, General	0600	22	Observer, Artillery, Forward	1189	37
MOTOR TRANSPORTATION REGULATING OFFICER	0609*		Observer, Radar, Night Fighter	0520	22
MOTOR VEHICLE DISTRIBUTION OFFICER	0650*		Obstetrical Nurse	3446	69
MOUNTAIN INFANTRY UNIT COMMANDER	1513	46	Obstetrician	3108	56
Movement and Transfer Officer, Internee	9124*		OBSTETRICIAN AND GYNECOLOGIST	3108	56
Movement Officer, Motor Transportation	0614*		OCCUPATIONAL DEFERMENT ADVISER	2335*	
Munitions Development Officer, Chemical	7360*		Oceanographer, Weather	8213	96

\*Specification appears in TM 12-406.

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

	<b>Code</b>	<b>Page</b>		<b>Code</b>	<b>Page</b>
OPERATIONS OFFICER, GENERAL STAFF	2165*		PERIODONTIST	3174	62
Operations Officer, Glider	2539	53	PERSONNEL AND TRAINING OFFICER	2617*	
Operations Officer, Technical	2170*		PERSONNEL ASSIGNMENT OFFICER	2201	51
Operations Staff Officer, Air (G-3 Air, S-3 Air)	2164	50	PERSONNEL CONSULTANT	2230	51
Operations Superintendent, Railway	0750*		Personnel Officer, Civilian	2202*	
OPHTHALMOLOGIST	3125	58	Personnel Officer, Military	2200	51
OPHTHALMOLOGIST AND OTORHINOLARYNGOLOGIST	3106	56	PERSONNEL PROCEDURES OFFICER	2211*	
OPTICIAN	4891	87	PERSONNEL PROCUREMENT OFFICER	2270*	
ORAL SURGEON, DENTAL	3171	62	PERSONNEL SECURITY OFFICER	9231*	
ORDNANCE EVACUATION OFFICER	4620	80	PERSONNEL STAFF OFFICER (G-1, A-1, S-1)	2260	52
ORDNANCE MAINTENANCE SERVICE OFFICER	4813	83	PERSONNEL TESTING OFFICER	2250*	
ORDNANCE MATERIEL PROCESSING OFFICER	4465*		PETROLEUM ENGINEER	7930*	
Ordnance Officer, Aviation	4532		PETROLEUM PRODUCTS SUPPLY OFFICER	4960	88
Ordnance Officer, Dock	0807*	79	PHARMACY OFFICER	3318	67
ORDNANCE OFFICER, STAFF	4512		PHOTOGRAHAMETRIST	7910	92
ORDNANCE PROOF OFFICER	7539*		Photographer, Medical	8547	98
ORDNANCE SHOP OFFICER	4801	81	PHOTOGRAPHIC EQUIPMENT ENGINEER	7052*	
ORDNANCE SUPPLY OFFICER	4530	78	PHOTOGRAPHIC LIAISON OFFICER	5402*	
ORGANIC CHEMIST	7318	92	Photographic Officer, Aerial	8502	
ORGANIZATION AND EQUIPMENT PLANNING OFFICER	2615*		Photographic Officer, Animation Director	8518*	97
ORGANIZATION AND TRAINING OFFICER	2150*		Photographic Officer, Director	8511*	
ORGANIZATION CONTROL OFFICER	2611*		Photographic Officer, Film Strip Production	8519*	
ORTHOPEDIC SURGEON	3153	60	Photographic Officer, Laboratory Supervisor	8515*	
Otorhinolaryngologist and Ophthalmologist	3106	56	Photographic Officer, Motion Picture Administrator	8520*	
OTORHINOLARYNGOLOGIST	3126	58	Photographic Officer, Motion Picture Cameraman	8530	98
Outside Plant Engineer, Telephone and Telegraph	.		Photographic Officer, Motion Picture Cutter Editor	8516*	
Outside Plant Officer, Telephone and Telegraph	7770*		Photographic Officer, Motion Picture Distribution	8522*	
OVERSEAS SHIPMENT OFFICER	4406*	21	Photographic Officer, Scenario Writer	8521*	
Oxygen and Operations Officer	1041	29	Photographic Officer, Still, Military Specialist	8540*	
OXYGEN OFFICER	1040	29	Photographic Officer, Sound Recording	8517*	
<b>P</b>			PHOTOGRAPHIC UNIT COMMANDER	8500	97
PACK FIELD ARTILLERY UNIT COMMANDER	1194	38	PHOTOGRAPHY DIRECTOR	8511*	
PACK OFFICER	0632	23	Photography Director, Animation	8518*	
PACKING OFFICER	4404*		Photography Officer, Microfilm	8545*	
PARACHUTE ENGINEER UNIT COMMANDER	1339	42	Photography Officer, Still	8540*	
PARACHUTE FIELD ARTILLERY UNIT COMMANDER	1190	37	Photo-Interpreter, Aerial	8503	97
PARACHUTE INFANTRY UNIT COMMANDER	1510	46	PHOTOMAPPING OFFICER	7916	93
PARACHUTE MAINTENANCE OFFICER	4820	84	PHOTOMAPPING UNIT COMMANDER, AIR	1072	31
PARACHUTE SUPPLY OFFICER	4901	87	Physical Science Instructor	2710*	
PARASITOLOGIST	3310	66	PHYSICAL THERAPY AIDE	3418	67
PAROLE OFFICER	9126*		PHYSICAL THERAPY OFFICER	3180	63
PASSENGER AND FREIGHT TRANSPORTATION OFFICER	0612*		PHYSICAL TRAINING DIRECTOR	5521*	
Passenger Officer, Transport	0810*		PHYSICIST	7312	91
PASSENGER TRANSPORTATION OFFICER	0611*		Physiologist, Aviation	3327*	
PATENT OFFICER	8130*		PIER OFFICER	0818*	
PATHOLOGIST	3325		PIER SUPERINTENDENT	0816*	
PAYROLL OFFICER	6310*	67	PIGEON OFFICER	0240	19
			Pilot, Air Observation	1981	48
			PILOT, BOMBARDIER TRAINING	2557*	
			Pilot, Four-Engine Bomber	1024	28
			Pilot, Four-Engine, Service	0917	27
			Pilot, Glider	1026	28
			Pilot, Glider Tow	1027	28
			PILOT, NAVIGATOR TRAINING	2559*	
			Pilot, Single-Engine Bomber	1021	27
			Pilot, Single-Engine Fighter	1055	30

\*Specification appears in TM 12-406.

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PILOT, SINGLE-ENGINE RADIO CONTROLLED TARGET.....	1050*		PRISONER OF WAR INTERROGATION OFFICER.....	9316	100
Pilot, Single-Engine, Service.....	0915	26	PROCEDURES CONTROL OFFICER.....	2610*	
Pilot, Two-Engine Bomber.....	1022	27	Processing Officer, Ordnance Matériel.....	4465*	
Pilot, Two-Engine Fighter.....	1056	30	PROCTOLOGIST.....	3104	56
Pilot, Two-Engine Night Fighter.....	1058	30	PROCUREMENT ASSIGNMENT OFFICER.....	4323*	
PILOT, TWO-ENGINE RADIO CONTROLLED TARGET.....	1051*		PROCUREMENT EXPEDITER.....	4355*	
Pilot, Two-Engine, Service.....	0916	26	PROCUREMENT OFFICER.....	4320*	
Pilot—Weather Officer.....	8218	96	Procurement Officer, Personnel.....	2270*	
Pioneer Unit Commander, Cavalry.....	1624	48	Procurement Officer, Remount.....	4373*	
Pioneer Unit Commander, Tank Destroyer.....	1225	41	Procurement Officer, Subsistence.....	4130	
Pipe Fitting and Sheet Metal Shop Superintendent.....	4892*		PROCUREMENT PLANNING AND CONTROLLER.....	4319*	
Planning and Control Officer, Procurement.....	4319*		PROCUREMENT SURVEY OFFICER.....	4324*	
Planning and Control Officer, Production.....	2613*		Producer, Motion Picture.....	8537*	
Planning Officer, Army Transport Service.....	0808*		PRODUCT DESIGN AND DEVELOPMENT OFFICER.....	7050*	
Planning Officer, Matériel Distribution.....	4701*		PRODUCTION ENGINEERING OFFICER.....	7400*	
Planning Officer, Motor Transport.....	0642*		PRODUCTION EXPEDITER.....	7416*	
PLANS AND POLICIES OFFICER.....	2616*		PRODUCTION INSPECTION OFFICER.....	4314*	
Plant Maintenance Engineer, Railway Shop.....	7921*		PRODUCTION MANAGER.....	7415*	
PLANT PROTECTION OFFICER.....	9210*		Production Officer, Film Strip.....	8519*	
PLASTIC SURGEON.....	3152	60	Production Officer, Munitions.....	7320*	
PLATOON LEADER. (See appropriate unit designation.)			PRODUCTION PLANNING AND CONTROLLER.....	2613*	
Plotter Officer, Aircraft Warning.....	0102	16	PROFESSOR OF MILITARY SCIENCE AND TACTICS.....	2517*	
Police and Prison Officer.....	9121*		Program Officer, Radio.....	5522*	
Police Officer, Military.....	9110	98	Program Planning Officer, Production.....	2613*	
Policies and Plans Officer.....	2616*		Project Officer, Meteorological.....	8204*	
PORT AND DOCK ENGINEER.....	7240*		Proof Officer, Ordnance.....	7539*	
PORT AIR OFFICER.....	4904*		PROPAGANDA ANALYSIS OFFICER.....	9305*	
Port Engineer, Mechanical.....	7505*		Propaganda Officer, Foreign Languages.....	9306*	
Port Intelligence Officer.....	9307*		PROPERTY OFFICER.....	4930*	
PORT MARINE ENGINEER.....	7210*		Property Officer, Submarine Mine.....	4511	77
PORT MECHANICAL ENGINEER.....	7505*		PROPERTY SURVEY OFFICER.....	4932*	
Port Motor Officer.....	0650*		PROSTHODONTIST.....	3175	62
Port Ordnance Officer.....	4530		Protection Officer, Plant.....	9210*	
PORT QUARTERMASTER.....	4221*		Protection Officer, Utilities.....	9212*	
Port Security Officer.....	9220*		PROVOST MARSHAL.....	9100*	
PORT SIGNAL OFFICER.....	0214*		PROVOST MARSHAL, FIELD.....	9101	98
PORT STEWARD.....	0813*		PSYCHOLOGIST.....	2252*	
PORTABLE BRIDGE UNIT COMMANDER.....	1342	42	PSYCHOLOGIST, AVIATION.....	2251*	
POST COMMANDER.....	2019*		Public Administration Instructor.....	2513*	
POST ENGINEER.....	7130*		PUBLIC COMMUNICATIONS OFFICER.....	7899*	
Post Engineer, Electrical.....	7611	92	PUBLIC EDUCATION OFFICER.....	5503*	
POST QUARTERMASTER.....	4220*		PUBLIC FINANCE OFFICER.....	6010*	
POST SIGNAL OFFICER.....	0213*		PUBLIC HEALTH OFFICER.....	3005*	
POST SURGEON.....	3001*		PUBLIC RELATIONS OFFICER.....	5401*	
POSTAL INSPECTOR.....	9010*		PUBLIC RELATIONS OFFICER, MILITARY GOVERNMENT.....	5403*	
POSTAL OFFICER.....	0030	16	PUBLIC SAFETY OFFICER.....	9000*	
POWER PLANT AND RADIO REPAIR OFFICER.....	7215*		Public Speaking Instructor.....	2712*	
Power Plant Design and Lay-out Engineer.....	7724*		PUBLIC WELFARE OFFICER.....	5900*	
Power Plant Engineer, Telephone and Telegraph.....	7724*		PUBLIC WORKS AND UTILITIES OFFICER.....	7020*	
POWER TRAIN REBUILD OFFICER.....	4809	83	PUBLICATIONS DISTRIBUTION OFFICER.....	4961*	
Power Transmission Superintendent, Electric Railway.....	0761*		PUBLICATIONS EDITOR.....	5420*	
PRICE ANALYST.....	6131*		PUBLICATIONS OFFICER.....	5400*	
PRINTING OFFICER.....	4360*		PURCHASING AND CONTRACTING OFFICER.....	4310	
PRIORITIES AND ALLOCATIONS OFFICER.....	4325*				
Priority Officer, Air Traffic.....	0913*				
PRISON OFFICER.....	9121*				

\*Specification appears in TM 12-406.

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Quartermaster Car Officer.....	0661	24	RAILWAY CAR SERVICE SUPERINTENDENT.....	0753*
Quartermaster, Port.....	4221*		RAILWAY COAST ARTILLERY UNIT COMMANDER.....	1105
Quartermaster, Post.....	4220*	74	RAILWAY CONSTRUCTION ENGINEER.....	7922*
Quartermaster Railhead Officer.....	4417	81	RAILWAY DISPATCHER.....	0740*
Quartermaster Refrigeration Officer.....	4714		RAILWAY EQUIPMENT SUPERINTENDENT.....	
Quartermaster Salvage Depot Commander.....	4602*	71	RAILWAY EQUIPMENT SUPERINTENDENT.....	0754*
QUARTERMASTER, STAFF.....	4015	75	RAILWAY FUEL AGENT.....	4476*
QUARTERMASTER SUPPLY OFFICER.....	4419	23	RAILWAY MACHINE SHOP SUPERINTENDENT.....	4857*
Quartermaster Truck Officer.....	0660		RAILWAY MAINTENANCE OF WAY SUPERINTENDENT.....	0715*
<b>R</b>				
<b>RADAR MAINTENANCE AND REPAIR OFFICER.....</b>				
Radar Navigator.....	0145	18	Railway Maintenance Supervisor, Signal.....	0718*
Radar Navigator-Bombardier.....	1039	29	RAILWAY MASTER MECHANIC.....	0735*
RADAR OBSERVER, NIGHT FIGHTER.....	1038	29	RAILWAY MECHANICAL ENGINEER.....	7507*
RADAR OBSERVER, R. C. M.....	0520		RAILWAY OPERATIONS SUPERINTENDENT.....	
RADAR OFFICER.....	7888	22	Railway Power Transmission Superintendent, Electric.....	0761*
RADAR OFFICER, AIR.....	0140	17	RAILWAY SALVAGE ENGINEER.....	4859*
Radar Officer, Technical.....	0141	17	RAILWAY SHOP MAINTENANCE ENGINEER.....	
RADAR PLANNING OFFICER.....	0145	18	NEER.....	7921*
Radar Repair and Maintenance Officer.....	7871*		RAILWAY SHOP SUPERINTENDENT.....	4850*
RADIO COMMUNICATIONS COORDINATING OFFICER.....	7891*	18	RAILWAY SIGNAL MAINTENANCE SUPERVISOR.....	0718*
RADIO COMMUNICATIONS OFFICER, LIAISON.....	7881*		RAILWAY SUPPLY OFFICER.....	4475*
Radio Controlled Target, Single-Engine, Pilot.....	1050*		RAILWAY TRACK SUPERVISOR.....	0717*
Radio Controlled Target, Two-Engine, Pilot.....	1051*		RAILWAY WATER SERVICE SUPERVISOR.....	0721*
Radio Design and Development Officer.....	7862*		RAILWAY WORK EQUIPMENT SHOP SUPERINTENDENT.....	4858*
RADIO ENGINEER.....	7860*		RANGE MAINTENANCE OFFICER.....	4915*
RADIO ENGINEER, DIRECTION AND RANGE FINDING RADIOTELEPHONE.....	7862*		Range Officer, Bombing and Gunnery.....	2556*
RADIO EQUIPMENT MANUFACTURING ENGINEER.....	7861*	19	Range Officer, Harbor Defense.....	1164
RADIO INTELLIGENCE OFFICER.....	0225		Range Section Officer, Underwater Ranging.....	1122
RADIO MAINTENANCE AND REPAIR OFFICER.....	7864*		RATIONING OFFICER.....	2156*
Radio Manufacturing Engineer.....	7861*		REAL ESTATE OFFICER.....	4312*
RADIO OFFICER.....	0500	21	Rebuild Officer, Power Train.....	4809
Radio Officer (C).....	7888	92	Receiving Officer, Supply.....	4413*
RADIO OFFICER, FIELD.....	0501	21	RECEPTION OFFICER.....	2323*
RADIO OFFICER, FIXED STATION.....	0502		RECONNAISSANCE AND SURVEY OFFICER.....	
Radio Officer, Intelligence.....	0225	21	RECONNAISSANCE OFFICER.....	1183
Radio Officer, RDF and Intercept.....	0503	92	RECONNAISSANCE OFFICER.....	9312
Radio Officer (S).....	0141	21	RECONNAISSANCE UNIT COMMANDER, AIR.....	1071
RADIO OFFICER, VHF.....	0503	19	Reconnaissance Unit Commander, Armored.....	1204
RADIO PROGRAM OFFICER.....	5522*	21	RECORDING SECRETARY.....	2115*
Radio Repair and Power Plant Officer.....	7215*	17	RECORDS OFFICER.....	2407
RADIO RESEARCH ENGINEER.....	7870*	21	Records Officer, Bombing.....	2403*
RADIO TRAFFIC ANALYSIS OFFICER.....	9605	102	Records Officer, Machine.....	2401
RADIO TRANSCRIPTION AND SOUND ENGINEER.....	7869*		RECORDS SEARCHING OFFICER.....	9323*
RADIOLOGIST.....	3306		RECRUITING AND INDUCTION OFFICER.....	
RADIOLOGIST, THERAPEUTIC.....	3182	65	REEMPLOYMENT OFFICER.....	2310*
RAIL TRANSPORTATION REGULATING OFFICER.....	0707*	65	Refining Engineer, Oil.....	2336*
RAIL TRANSPORTATION OFFICER.....	0700*	63	Refrigeration and Air Conditioning Engineer.....	7390*
RAILHEAD OFFICER.....	4417	74	REFRIGERATION OFFICER.....	7502*
Railroad Engines, Road Foreman.....	0720*		REGIMENTAL COMMANDER. (See appropriate unit designation.)	4714
RAILWAY BRIDGE AND BUILDING SUPERVISOR.....	0716*		Registar, Medical.....	2431
RAILWAY CAR FOREMAN.....	0736*		Registration and Memorial Officer, Graves.....	2430
*Specification appears in TM 12-406.				
Regulating Officer, Air Transportation.....				
Regulating Officer, Inland Waterways Transportation.....				
Regulating Officer, Medical.....				

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Regulating Officer, Motor Transportation.....	0609*		S-1, Personnel Staff Officer.....	2260	52
Regulating Officer, Rail Transportation.....	0707*		S-2, INTELLIGENCE STAFF OFFICER.....	9301	99
<b>REMOUNT OFFICER.....</b>	<b>4370*</b>		S-3 Air (Air Operations Staff Officer).....	2164	50
<b>REMOUNT PROCUREMENT OFFICER.....</b>	<b>4373*</b>	63	S-3, Operations and Training Staff Officer.....	2162	50
Remount Veterinary Officer.....	3205		S-4, Supply and Evacuation Staff Officer.....	4010	70
<b>RENEGOTIATION OFFICER.....</b>	<b>4309*</b>		<b>SAFETY INSPECTOR.....</b>	<b>7422*</b>	
Renovating Officer, Ammunition.....	7303*		Safety Officer, Flying.....	9260*	
Repair and Maintenance Engineer, Marine.....	7200*		Safety Officer, Public.....	9000*	
Repair and Maintenance Officer, Airborne Signal Equipment.....	4402	73	<b>SALES OFFICER.....</b>	<b>4222</b>	72
Repair and Maintenance Officer, Armory.....	4807	82	<b> SALVAGE AND DOCKAGE OFFICER.....</b>	<b>7217*</b>	
Repair and Maintenance Officer, Artillery.....	4808	83	Salvage and Maintenance Unit Commander, Boat.....	1372	44
Repair and Maintenance Officer, Automotive.....	4805	82	Salvage and Repair Officer, Hull.....	7216*	
Repair and Maintenance Officer, Cryptographic Equipment.....	9606*		<b> SALVAGE COLLECTING OFFICER.....</b>	<b>4601</b>	79
Repair and Maintenance Officer, Engineer Equipment.....	4880		<b> SALVAGE DEPOT COMMANDER.....</b>	<b>4602*</b>	
Repair and Maintenance Officer, Radar.....	0145	86	Salvage Engineer, Railway.....	4859*	
Repair and Maintenance Officer, Radio.....	7864*	18	<b> SALVAGE OFFICER.....</b>	<b>4600*</b>	
Repair and Maintenance Officer, Ship.....	7211*		Salvage Officer, Boat.....	7218*	
Repair and Maintenance Officer, Signal Equipment.....	4415		<b> SALVAGE REPAIR/OFFICER.....</b>	<b>4606*</b>	
Repair and Maintenance Officer, Tank.....	4803	74	SANITARY ENGINEER.....	7960	94
Repair and Maintenance Officer, Tire.....	4818	81	<b> SCENARIO WRITER.....</b>	<b>8521*</b>	
Repair and Salvage Officer, Hull.....	7216*	84	<b> SCHOOL COMMANDANT.....</b>	<b>2500*</b>	
<b>REPAIR OFFICER, CANVAS AND WEB-BING.....</b>	<b>4612*</b>		School Commandant, Medical.....	2501*	
<b>REPAIR OFFICER, CLOTHING AND TEXTILES.....</b>	<b>4610*</b>		<b> SCHOOL SECRETARY.....</b>	<b>2116*</b>	
Repair Officer, Diesel Engine.....	7222*		Searchlight and Instrument Control Instructor.....	2740*	
Repair Officer, Fire Control Instrument.....	4806		<b> SEARCHLIGHT UNIT COMMANDER.....</b>	<b>1132</b>	33
Repair Officer, Instrument.....	4894*		Searching Officer.....	9323*	
<b>REPAIR OFFICER, LEATHER AND RUBBER.....</b>	<b>4611*</b>		Searching Officer, Records.....	9323*	
<b>REPAIR OFFICER, MACHINERY AND METALS.....</b>	<b>4613*</b>		<b> SECRETARY OF THE GENERAL STAFF.....</b>	<b>2011</b>	48
Repair Officer, Marine Engine.....	7221*		Secretary, Recording.....	2115*	
Repair Officer, Salvage.....	4606*	82	Secretary, School.....	2116*	
Repair Shop Superintendent, Car.....	4851*		Secretary, Technical.....	2115*	
Repair Shop Superintendent, Electric Locomotive.....	4861*		Security and Intelligence Officer.....	9311*	
Reproduction and Drafting Officer.....	7980*		<b> SECURITY OFFICER, BUILDING AND EQUIPMENT.....</b>	<b>9220*</b>	
Reproduction Officer, Map.....	7917		Security Officer, Cargo.....	0817*	
Research Engineer, Aeronautical.....	7541*		<b> SECURITY OFFICER, CLASSIFIED MATERIALS.....</b>	<b>9620*</b>	
Research Engineer, Automotive.....	7509*		SECURITY OFFICER, CRYPTANALYTIC.....	9610*	
Research Engineer, Chemical.....	7310		Security Officer, Personnel.....	9231*	
Research Engineer, Communication Equipment Maintenance.....	7702*		Selective Service, Manpower Requirements Officer.....	2334*	
Research Engineer, Electrical.....	7610*		<b> SEROLOGIST.....</b>	<b>3311</b>	66
Research Engineer, Fuel.....	7991*		Service Club Officer.....	5621*	
Research Engineer, Mechanical.....	7510*		<b> SERVICE COMPANY COMMANDER.....</b>	<b>2910</b>	54
Research Engineer, Meteorological.....	8210*		Service Officer, Labor.....	4451	75
Research Engineer, Radio.....	7870*		<b> SERVICE PILOT, FOUR-ENGINE.....</b>	0917	27
Research Engineer, Sound and Light.....	7872*		<b> SERVICE PILOT, SINGLE-ENGINE.....</b>	0915	26
Research Engineer, Telephone and Telegraph.....	7710*		<b> SERVICE PILOT, TWO-ENGINE.....</b>	0916	26
Research Specialist, Communications.....	7790*		<b> SEWAGE DISPOSAL ENGINEER.....</b>	7950*	
Research Veterinarian.....	3231		SHEET METAL AND PIPE FITTING SHOP SUPERINTENDENT.....	4892*	
Resident Engineer.....	7004*		<b> SHIP ARMAMENT OFFICER.....</b>	7531*	
<b>RESTAURANT OFFICER.....</b>	<b>4112*</b>		SHIP MAINTENANCE AND REPAIR OFFICER.....	7211*	
Review Officer, Electronics.....	7601*		<b> SHIP TRANSPORTATION OFFICER.....</b>	0812*	
Reviewer, Financial.....	6133*		Shipment Officer, Overseas.....	4406*	
Reviewer, Legal, Contract.....	8110*		Shipping Officer, Supply.....	4414*	
<b>ROAD FOREMAN, RAILROAD ENGINES.....</b>	<b>0720*</b>		Shop Officer, Experimental.....	4922*	
Roadmaster.....	0715*		Shop Officer, Ordnance.....	4801	
Roentgenologist.....	3306		Shop Superintendent, Air Brake.....	4860*	
Rubber and Leather Repair Officer.....	4611*	65	Shop Superintendent, Blacksmith.....	4854*	
		65	Shop Superintendent, Boiler.....	4853*	
			Shop Superintendent, Boiler and Smith Shop.....	4852*	

\*Specifications appear in TM 12-406.

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Shop Superintendent, Car Repair-----	4851*		Staff Officer, Dental-----	3178	62
Shop Superintendent, Diesel Locomotive-----	4862*		Staff Officer, Field Artillery-----	1199	39
Shop Superintendent, Electric Locomotive Repair-----	4861*		Staff Officer, Intelligence (G-2, A-2, S-2)-----	9301	99
Shop Superintendent, Erecting and Machine Shop-----	4855*		Staff Officer, Operations, General Staff-----	2165*	
Shop Superintendent, Locomotive Erecting Shop-----	4856*		Staff Ordnance Officer-----	4512	77
Shop Superintendent, Railway-----	4850*		Staff Personnel Officer (G-1, A-1, S-1)-----	2260	52
Shop Superintendent, Railway Machine Shop-----	4857*		Staff Quartermaster-----	4015	71
Shop Superintendent, Railway Work Equipment Shop-----	4858*		Staff Surgeon-----	3000	54
Shop Superintendent, Sheet Metal and Pipe Fitting-----	4892*		Staff Surgeon, Air Force-----	3161	61
Shore Unit Commander, Amphibian Engineer-----	1363	43	Staff Veterinary Officer-----	3202	63
Signal Airborne Equipment Maintenance and Repair Officer-----	4402	73	<b>STANDARDIZATION ENGINEER</b> -----	7003*	
<b>SIGNAL EQUIPMENT INSPECTION ENGINEER</b> -----	7892*		Standards Engineer, Communications-----	7705*	
<b>SIGNAL EQUIPMENT MAINTENANCE AND REPAIR OFFICER</b> -----	4415	74	<b>STATIONMASTER</b> -----	0709*	
Signal Intelligence Officer-----	0225	19	<b>STATISTICAL CONTROL OFFICER</b> -----	6402	89
Signal Maintenance Supervisor, Railway-----	0718*		<b>STATISTICAL DRAFTSMAN</b> -----	6403*	
<b>SIGNAL OFFICER</b> -----	0210		<b>STATISTICIAN</b> -----	6400*	
<b>SIGNAL OFFICER, BASIC</b> -----	0215		Statistician, Weather-----	8214	96
Signal Officer, General-----	0210		Statistics Officer, Vital Records-----	3020	55
Signal Officer, Port-----	0214*		Status Officer, Supply-----	4416*	
Signal Officer, Post-----	0213*		Sterilization Officer, Clothing and Equipment-----	4831	85
<b>SIGNAL SUPPLY OFFICER</b> -----	4400	73	<b>STEVEDORE OFFICER</b> -----	0804	25
Single-Engine Bomber Pilot-----	1021	27	Steward, Port-----	0813*	
Single-Engine Fighter Pilot-----	1055	30	Still or Motion Picture Liaison Officer-----	5402*	
Single-Engine Flying Instructor, Advanced-----	2545*		<b>STILL PHOTOGRAPHY OFFICER</b> -----	8540*	
Single-Engine Pilot, Radio Controlled Target-----	1050*		Still Picture Liaison Officer-----	5402*	
Single-Engine Pilot, Service-----	0915	26	Storage Warehouse Officer, Cold Storage-----	4712	80
Single-Engine Service Pilot-----	0915	26	<b>STUDENT OFFICER</b> -----	2700*	
Small Animal Veterinary Officer-----	3203	63	Submarine Cable Officer, Telephone and Telegraph-----	0434*	
Small Arms Instructor-----	2741*		<b>SUBMARINE CABLE STATION OFFICER</b> -----	0435*	
<b>SMALL BOAT UNIT COMMANDER</b> -----	0825	25	<b>SUBMARINE DIVER FOREMAN</b> -----	7242*	
Smith and Boiler Shop Superintendent-----	4852*		<b>SUBMARINE MINE PROPERTY OFFICER</b> -----	4511	77
Smoke Generator Unit Commander, Chemical-----	1415	45	<b>SUBMARINE MINE UNIT COMMANDER</b> -----	1143	34
<b>SOUND AND FLASH OBSERVATION UNIT COMMANDER</b> -----	1154	34	<b>SUBSISTENCE PROCUREMENT OFFICER</b> -----	4130	72
Sound and Flash Survey Officer, Observation Battery-----	1154	34	Superintendent, Army Transport Service-----	0815*	
<b>SOUND AND LIGHT OFFICER</b> -----	0250*		Superintendent, Pier-----	0816*	
<b>SOUND AND LIGHT RESEARCH ENGINEER</b> -----	7872*		Superintendent, Railway Car Service-----	0753*	
Sound Engineer, Transcription and Radio-----	7869*		Superintendent, Railway Equipment-----	0754*	
<b>SOUND RECORDING OFFICER</b> -----	8517*		Superintendent, Railway Operations-----	0750*	
<b>SPECIAL SERVICES INFORMATION OFFICER</b> -----	5002*		Superintendent, Railway Power Transmission-----	0761*	
<b>SPECIAL SERVICES OFFICER</b> -----	5000	88	Superintendent, Shop. (See Shop Superintendent.)-----		
Specialized B-26 Flying Instructor-----	2563*		Supervisor, Contract Flying School-----	2565*	
Specification Officer, Communications-----	7703*		Supervisor, Motion Picture Laboratory-----	8515*	
Specification Writer, Technical-----	7040*		Supply Accountable Officer-----	4930*	
<b>SQUADRON COMMANDER.</b> (See appropriate unit designation.)-----			Supply and Depot Administration Instructor-----	2727*	
<b>STABLE OFFICER</b> -----	0631	23	<b>SUPPLY AND EVACUATION STAFF OFFICER (G-4, A-4, S-4)</b> -----	4010	70
Staff Automotive Officer-----	4541	79	Supply and Warehouse Inspection Officer-----	4980*	
Staff Engineer-----	7010	90	<b>SUPPLY DEPOT COMMANDER</b> -----	4450*	
Staff Officer, Air Ground Support-----	2173	50	<b>SUPPLY OFFICER, ADMINISTRATIVE</b> -----	4411	74
Staff Officer, Air Liaison-----	2140*		Supply Officer, Air, Technical-----	4902	87
Staff Officer, Air Operations (G-3 Air, S-3 Air)-----	2164	50	Supply Officer, Ammunition-----	4514	78
Staff Officer, Antiaircraft-----	1179	37	Supply Officer, Automotive-----	4440	75
Staff Officer, Coast Artillery-----	1159	34	Supply Officer, Chemical-----	4500	76
			<b>SUPPLY OFFICER, DEPOT</b> -----	4410	74
			Supply Officer, Engineer-----	4470	76
			Supply Officer, Gasoline-----	4962	88
			<b>SUPPLY OFFICER, GENERAL</b> -----	4000	70
			Supply Officer, International Aid-----	4403*	

\*Specification appears in TM 12-406.

MILITARY CLASSIFICATION AND CODING

	Code	Page		Code	Page
Supply Officer, Labor.....	2331*		Telephone and Telegraph Officer, Field Equipment.....	0410	20
Supply Officer, Medical.....	4490	76	TELEPHONE AND TELEGRAPH OFFICER, FIELD LINE CONSTRUCTION.....	0420	20
Supply Officer, Motor Fuel.....	4962	88	TELEPHONE AND TELEGRAPH OFFICER, INSIDE PLANT.....	0410	20
Supply Officer, Ordnance.....	4530	78	Telephone and Telegraph Officer, Military, General.....	0400	20
Supply Officer, Parachute.....	4901	87	TELEPHONE AND TELEGRAPH OFFICER, OUTSIDE PLANT.....	0430	21
Supply Officer, Petroleum Products.....	4960	88	TELEPHONE AND TELEGRAPH OUTSIDE PLANT ENGINEER.....	7770*	
Supply Officer, Quartermaster.....	4419	75	TELEPHONE AND TELEGRAPH POWER PLANT ENGINEER.....	7724*	
Supply Officer, Railway.....	4475*		TELEPHONE AND TELEGRAPH RESEARCH ENGINEER.....	7710*	
Supply Officer, Receiving.....	4413*		TELEPHONE AND TELEGRAPH OFFICER, SUBMARINE CABLE.....	0434*	
Supply Officer, Shipping.....	4414*		TELEPHONE EQUIPMENT ENGINEER.....	7720*	
Supply Officer, Signal.....	4400	73	TELEPHONE TRANSMISSION ENGINEER.....	7730*	
Supply Officer, Test and Repair.....	4415	74	TELEPHOTO OFFICER.....	7704*	
SUPPLY RECEIVING OFFICER.....	4413*		TERMINAL TRAFFIC INSPECTOR.....	0604*	
Supply Records Officer.....	4411	74	Testing Officer, Personnel.....	2250*	
SUPPLY SHIPPING OFFICER.....	4414*		Textiles and Clothing Repair Officer.....	4610*	
SUPPLY STATUS OFFICER.....	4416*		THEATER MANAGER.....	5250*	
Supply, Transportation, and Mess Officer.....	4113	71	THEATRICAL ENTERTAINMENT DIRECTOR.....	5261*	
Surgeon, Flight.....	3162	61	Therapeutic Radiologist.....	3182	63
Surgeon, Orthopedic.....	3153	60	THORACIC SURGEON.....	3151	60
Surgeon, Plastic.....	3152	60	TIRE MAINTENANCE AND REPAIR OFFICER.....	4818	84
Surgeon, Post.....	3001*		TOPOGRAPHIC ENGINEER.....	7915	93
SURGEON, STAFF.....	3000		Topographic Operations and Map Supply Officer.....	4824	85
Surgeon, Thoracic.....	3151		Torpedo Maintenance Officer, Aircraft.....	1076*	
Surgery, General, Medical Officer.....	3150		TOW TARGET UNIT COMMANDER.....	7316	91
SURGICAL CONSULTANT.....	3118		TOXICOLOGIST.....	0717*	
Surgical Service, Chief.....	3136		Track Supervisor, Railway.....	0606	23
Surveillance and Inspection Officer.....	4466*		TRACK VEHICLE MAINTENANCE OFFICER.....	9605	102
Survey and Reconnaissance Officer.....	1183		Traffic Analysis Officer, Radio.....	0607	23
Survey Officer, Communications.....	2680*	37	TRAFFIC CONTROL OFFICER.....	0615*	
Survey Officer, Procurement.....	4324*		Traffic Engineer, Highway.....	7740*	
Survey Officer, Property.....	4932*		Traffic Priority Officer, Air.....	0913*	
Surveying and Mapping Instructor.....	2746*		Traffic Terminal Inspector.....	0604*	
SURVEYING ENGINEER.....	7914	92	Train Commander, Armored Force.....	1219	40
SYNTHETIC TRAINING AIDS OFFICER.....	2548*		Trainer Officer, Instrument Flying.....	2547*	
<b>T</b>					
Tactical and Technical Board Member.....	2042*		Training Aids Officer, Synthetic.....	2548*	
TACTICAL INSPECTOR.....	2166*		Training and Personnel Officer.....	2617*	
Tactical Instructor.....	2725*		Training and Organization Officer.....	2156	
TANK DESTROYER PIONEER UNIT COMMANDER.....	1225	41	Training and Operations Staff Officer (G-3, A-3, S-3).....	2162	50
TANK DESTROYER UNIT COMMANDER.....	1222	40	Training Center Unit Officer.....	2622*	
Tank Gunnery Instructor.....	2744*		Training Director.....	2525*	
TANK MAINTENANCE AND REPAIR OFFICER.....	4803	81	Training Director, Aerial Gunnery.....	2534*	
TANK UNIT COMMANDER.....	1203	39	Training Director, Aerial Navigation.....	2533*	
TECHNICAL AND TACTICAL BOARD MEMBER.....	2042*		Training Director, Aerial Observation.....	2535*	
TECHNICAL INSPECTOR, AIR.....	7536*		Training Director, Bombardier.....	2531*	
•TECHNICAL OFFICER, BAKERS AND COOKS.....	4121*		Training Director, Glider.....	2536*	
TECHNICAL OPERATIONS OFFICER.....	2170*		Training Director, Medical.....	2527*	
TECHNICAL SPECIFICATION WRITER.....	7040*				
TECHNICAL SUPPLY OFFICER, AIR.....	4902				
TELEGRAPH ENGINEER.....	7800*	87			
TELEGRAPH EQUIPMENT ENGINEER.....	7820*				
TELEGRAPH TRANSMISSION ENGINEER.....	7830*				
TELEPHONE AND TELEGRAPH INSTALLATION AND TEST ENGINEER.....	7723*				
TELEPHONE AND TELEGRAPH MAINTENANCE OFFICER.....	0260	20			
TELEPHONE AND TELEGRAPH OFFICER.....	0400	20			

\*Specification appears in TM 12-406.

**OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT**

\*Specification appears in TM 12-406.

# Supplemental Alphabetical Index of Military Occupational Specialties

	CODE	PAGE		CODE	PAGE
	<b>A</b>			<b>E</b>	
A-2, Intelligence Officer, Fixed Installation <i>(see 9307)*.</i>			Director of Bombardier Ground Training <i>(see 1035).</i>		28.2
AH-1 Radar Officer—Special.....	0151	18.1	Director of Flying <i>(see appropriate pilot code)</i> .		...
AH-2 Communications Officer—Special.....	0532	22.1	Director of Food Service <i>(see 4110).</i>		70.2
AH-3 Radio Officer—Special.....	0533	22.1	Director of Glider Training <i>(see 1026).</i>		28.1
AH-4 Radio Officer—Special, Staff.....	0534	22.1	DIRECTOR OF PERSONNEL.....	2205*	...
Absent from Post, Sick, Relieved from Duty.....	0004	16.1	DIRECTOR OF SUPPLY.....	4012*	...
Administrator, Hospital.....	3012*	...			
Aerial Instructor, Bombardiering <i>(see 1035)</i> .....		28.2			
AERIAL MINE OFFICER.....	4826	84.2			
Air Forces Operations Officer <i>(Non-Rated)</i> .....	2158	50.1			
Air Priorities and Traffic Officer.....	0913*	...			
Air Traffic Priority Officer <i>(see 0913)*.</i> .....		...			
AIRCRAFT OBSERVER <i>(FLIGHT ENGINEER)</i> .....	1028	28.1			
Airways Communications Unit Commander <i>(see 1074)</i> .....	9318	100.2			
Analyst, Order of Battle.....		31			
ARMY AIRWAYS COMMUNICATIONS SERVICE UNIT COMMANDER.....	1074	31			
Army Transport Service Superintendent <i>(see 0815)*.</i> .....					
Assignment, Special.....	0009	16.1			
Assistant to Battalion Surgeon <i>(see 3506)</i> .....		70.1			
Assistant to Regimental Surgeon <i>(see 3506)</i> .....		70.1			
Athletic Director <i>(see 5661)</i> .....		88.2			
	<b>B</b>			<b>F</b>	
B-17 Pilot.....	1091	32.1	FACILITIES PROTECTION OFFICER.....	9210*	...
B-24 Pilot.....	1092	32.1	Ferrying Operations Officer <i>(see 2161)</i> .....		50
B-25 Pilot.....	1081	32.1	Fingerprint Officer <i>(see 9231)*.</i> .....		...
B-26 Pilot.....	1082	32.1	FIRE FIGHTING UNIT COM-MANDER.....		
Boat and Shore Engineer Unit Commander.....	1367	44.1			
BOMBARDIER (LAB).....	1030	28.1			
Bombardier Instructor <i>(see 1035)</i> .....		28.2			
Bomber Pilot, Four-Engine <i>(see appropriate pilot code)</i> .....					
Bombing Records Officer <i>(see 2120, 2520)*.</i> .....		...			
	<b>C</b>			<b>G</b>	
Clothing and Equipage Classification Officer <i>(see 4600)*.</i> .....			G-2, Intelligence Officer, Fixed Installation <i>(see 9307)*.</i> .....		...
Club Officer <i>(see 2120, 4110, 5661)</i> .....					
Command and General Staff School Instructor.....	2728*	...	GAS GENERATING UNIT COM-MANDER.....	4944	88.1
COMMUNICATIONS INSPECTION OFFICER—SPECIAL (AH-2).....	0532	22.1	Glider Operations Officer <i>(see 1026)</i> .....		28.1
COMMUNICATIONS OFFICER—SPECIAL (AH-2).....	0532	22.1			
COMMUNICATIONS SECURITY OFFICER.....	9240*	...			
Contract Termination and Renegotiation Officer.....	4309*	...			
Control Officer, Flight.....	2159	50.1			
Control Post Officer, Harbor Entrance.....	1161	34.2			
Correspondence Control Officer <i>(see 2120)</i> .....		48.2			
	<b>D</b>			<b>H</b>	
Detached Service, Relieved from Duty.....	0005	16.1	HARBOR ENTRANCE CONTROL POST OFFICER.....	1161	34.2
Director of Aerial Gunnery Training <i>(see 2554)*.</i> .....			Headquarters and Service Company Commander <i>(see 2900)</i> .....		54
Director of Aerial Navigation Training <i>(see 1034)</i> .....			Headquarters Platoon Commander.....	2900	54
Director of Aerial Observation Training <i>(see 1029)</i> .....			HOSPITAL ADMINISTRATOR.....	3012*	...
Director of Bombardier Training <i>(see 1035)</i> .....		28.2			
* Specification appears in TM 12-406.					

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	<b>M</b>	
Maintenance Officer, Medical Equipment..	4890	86.2
Maintenance Staff Officer, Ordnance.....	4800	80.2
MEDICAL ASSISTANT (MAC).....	3506	70.1
MEDICAL EQUIPMENT MAINTENANCE OFFICER.....	4890	86.2
MEDICAL OFFICER, TROPICAL MEDICINE.....	3138	60.1
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Military Identification Officer (see 2120, 9311)*.....		....
Mine Engineer, Aerial.....	4826	84.2
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	<b>O</b>	
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ORDNANCE MAINTENANCE OFFICER, STAFF.....	4800	80.2
ORDNANCE RECLAMATION OFFICER.....	4814	84.1
ORIENTATION OFFICER.....	5004	88.1
	<b>P</b>	
PQ Type, Radio-Controlled Target Pilot..	1050	30.1
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Personal Affairs Officer.....	5754*	
PERSONAL EQUIPMENT OFFICER.....	1042	30.1
Personnel Director.....	2205*	
Physical Fitness and Training Officer (see 5521)*.....		
PILOT, B-17.....	1091	32.1
PILOT, B-24.....	1092	32.1
PILOT, B-25.....	1081	32.1
PILOT, B-26.....	1082	32.1
Pilot, Bombardier Training (see appropriate pilot code).....		
PILOT, FOUR-ENGINE.....	1024	28.1
Pilot, Navigator Training (see appropriate pilot code).....		....
PILOT, RADIO-CONTROLLED TARGET (PQ TYPE).....	1050	30.1
PILOT, SINGLE-ENGINE.....	1054	30.1
PILOT, TWO-ENGINE.....	1051	30.1
PILOT, VERY HEAVY BOMBER.....	1093	32.1
PIPE LINE ENGINEER.....	7932	94.1
Plant Protection Officer (see 9210)*.....		
Post Intelligence Officer (see 9307)*.....		
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Radio-Controlled Target Pilot (PQ Type).....	1050	30.1

	CODE	PAGE
RADIO OFFICER—SPECIAL (AH-3).....	0533	22.1
RADIO OFFICER—SPECIAL (AH-4).....	0534	22.1
Rationing Officer (see 2120).....		48.2
Reception Officer (see 2120, 5401)*.....		
Reclamation Officer, Ordnance.....	4814	84.1
Records Officer (see 2120).....		48.2
Recreation and Athletic Officer.....	5661	88.2
RELIEVED FROM DUTY, ON DETACHED SERVICE.....	0005	16.1
RELIEVED FROM DUTY, SICK, ABSENT FROM POST.....	0004	16.1
RELIEVED FROM DUTY, SICK IN HOSPITAL AS PATIENT.....	0003	16.1
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S-2, Intelligence Officer, Fixed Installation (see 9307)*.....		
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Security Officer, Communications.....	9240*	
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Service Troop Commander (see 2910).....		54
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Sick in Hospital as Patient, Relieved from Duty.....	0003	16.1
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SPECIAL ASSIGNMENT.....	0009	16.1
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STAFF DIRECTOR, WAC.....	2145*	
Staff Officer, Ordnance Maintenance.....	4800	80.2
Staff Radio Officer, Special AH-4.....	0534	22.1
SUPERINTENDENT, WATER DIVISION.....	0815*	
Supply Director.....	4012*	
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Target Airplane Officer, Radio-Controlled.....	0590	22.1
Teaching Methods Instructor.....	2706*	
Test Flight Officer, Engineering.....	4821	84.1
Traffic and Priorities Officer, Air.....	0913*	
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Trial Judge Advocate (see 0009).....		16.1
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	<b>U</b>	
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Unit Commander, Gas Generating Unit.....	4944	88.1
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	<b>V</b>	
Very Heavy Bomber Pilot.....	1093	32.1
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WAC Staff Director.....	2145*	
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Water Division Superintendent.....	0815*	
WEATHER ENGINEERING AND SURVEY OFFICER.....	8205	94.2
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Weather Officer, Forecasting (see 8211).....		94.2
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Weather Officer, Tropical Forecasting (see 8211).....		94.2

\* Specification appears in TM 12-406.

# APPENDIX

## TABLE OF CODES CONVERTED FROM AR 605-95 (TENTATIVE)

Code deleted	Substitute code or code suggested	Code deleted	Substitute code or code suggested	Code deleted	Substitute code or code suggested	Code deleted	Substitute code or code suggested
0010	0030	1000	2164	1311	0662	1617	1613
0011	0030	1010	See appropriate pilot classification.	1312	0662	1618	2910
0012	0030			1313	4880	1619	1613
0013	0030	1011	See appropriate unit commander.	1314	4880	1621	9312
0014	0030			1329	1328	1622	1620
0020	0030	1012	See appropriate unit commander.	1330	1328	1623	1620
0021	0030			1332	1331, 1336, 1337, 1339, 1363	1625	1620
0100	See par. 13, sec. 1.	1015	2900	1333	1331	1626	2900
0101	2700	1025	1981	1334	1331, 1336, 1337, 1339, 1363	1627	1524
0150	See par. 13, sec. 1.	1031	See par. 13, sec. I.	1335	1331, 1336, 1337, 1339, 1363	1633	2910
0211	0210	1032	See par. 13, sec. I.	1351	1331	1910	1219
0212	0210	1033	See par. 13, sec. I.	1352	1331	1920	0825
0223	0222	1100	1102, 1105, 1193, 1194, 1195, 1197	1353	1331, 1336, 1337, 1339, 1363	1921	0820
0241	0240	1101	1102, 1105, 1193, 1194, 1195, 1197	1341	1342	1940	2556
0249	4314			1351	1331	2020	See par. 13, sec. I.
0251	7872			1352	1331	2021	See par. 13, sec. I.
0431	0430	1110	1112	1353	1342	2024	See par. 13, sec. I.
0432	0430	1111	1112	1360	1366	2043	2042
0433	0430	1120	1122	1364	1366	2044	2042
0440	4314	1121	1122	1368	1366	2046	2042
0441	4314	1130	1132	1370	1372	2130	2019
0504	0500, 0501, 0502	1131	1132	1410	1413	2131	2136
0505	0500, 0501, 0502	1140	1143	1412	1413	2132	2136
0509	4314	1142	1122	1501	1510, 1512, 1513, 1542, 1560	2133	See par. 13, sec. L
0601	0600	1151	1154			2134	2622
0602	0605, 0606	1152	1154	1505	1510, 1512, 1513, 1542, 1560	2135	2622
0603	0605, 0606	1153	1154			2152	2150, 2162
0608	0600, 0642	1162	1102	1506	1510	2160	2150, 2162
0620	4818	1163	1102	1507	1510	2163	2120
0630	0600, 0610, 0611, 0612, 0690, 0700	1170	1172, 1174, 1177	1508	1510	2168	See par. 13, sec. L
0633	0815	1171	1132, 1172, 1174, 1177	1509	1510	2171	See par. 13, sec. L
0701	0611	1180	1930	1511	2900	2172	See par. 13, sec. L
0702	0610	1182	2162	1515	4510	2174	See par. 13, sec. I.
0703	0690	1184	1193, 1194, 1195, 1197	1521	1524	2240	2210
0704	2640	1185	2900	1523	1524	2320	See par. 13, sec. I.
0705	0610, 0612	1186	4510	1531	1510, 1512, 1513, 1542, 1560	2326	0611
0708	4417	1191	1192			2411	6402
0710	0735, 0736, 0737, 4850 to 4858, incl.	1196	1197	1535	1510, 1512, 1513, 1542, 1560	2510	See par. 10, sec. I.
0711	4851	1198	2910			2511	See par. 10, sec. I.
0712	4852	1200	1203	1536	1510, 1512, 1513, 1542, 1560	2515	See par. 10, sec. L
0713	0737, 4850, 4852 to 4857, incl.	1201	1203			2516	2783
0741	4406	1206	1204	1537	1510, 1512, 1513, 1542, 1560	2522	2525
0803	0801, 0825	1210	2910	1541	1510, 1512, 1513, 1542, 1560	2537	2622
0805	0806	1221	1222			2538	2622
0811	0690	1223	1222	1551	2910	2540	See par. 13, sec. L
0821	0820	1224	9312	1610	1613	2541	2543
0822	1143	1226	1222	1611	1613	2542	2545
0901	0902	1227	1222	1612	1613	2544	See par. 13, sec. I.
0912	0610	1228	1222	1614	1613	2551	2553
		1241	1524	1615	1613	2555	2577
		1242	1524	1616	1613	2558	Use appropriate pilot classification.

## OFFICER CLASSIFICATION—COMMISSIONED AND WARRANT

Code deleted	Substitute code or code suggested	Code deleted	Substitute code or code suggested	Code deleted	Substitute code or code suggested	Code deleted	Substitute code or code suggested
2560	2554	3410	2251	4920	7050	7561	4801
2562	2561	3450	7050	4921	7050	7562	4514, 4530
2612	7400, 7415, 7416, 7421	3502	2900	4970	4709	7563	4803, 4805
		3505	3503	5001	5000	7564	4801
2618	0030	3602	3309	5102	5002	7567	4530
2619	2019	3604	2501, 2527	5230	8537	7568	2900
2620	2525	4017	2902	5231	8537	7569	9224
2621	2525	4020	4451	5260	5250, 5261	7615	7610
2623	2525, 2725	4021	4451	5422	2154	7620	7611
2671	2610, 2611	4022	4451	5430	5522	7721	7720
2672	2610, 9010	4024	2900	5501	5500	7722	7720
2673	0030	4111	4110	5502	5500	7731	7730
2675	2611	4131	4325	5504	5500	7732	7730
2676	0640	4311	4310, 4320, 4490	5506	5500	7750	7730
2678	0030, 0015	4315	4314	5531	5500	7810	7710
2679	2610, 2611	4321	4310, 4320, 4490	5541	See par. 10, sec. 1.	7821	7820
2919	2900	4322	4130	5542	5505	7822	7820
3010	See par. 13, sec. I.	4330	4310, 4320	5543	2570	7823	7723
3030	2613	4350	6410	5550	5554	7824	7723
3103	3150	4351	2613	5551	5554, 6403	7825	7723
3109	3100 or appropriate medical specialty.	4401	4400	5560	2116	7826	7723
3110	4831	4405	4406	5610	5000	7840	7740
3114	4891	4409	0806	5611	5000, 5261, 5661	7850	7830
3122	3100, 3500, 3504, 3505	4412	4400, 4410, 4709, 4710	5622	6102	7863	2154
3124	3126, 3151	4418	4415	5623	5000	7866	7862
3140	3430	4420	4314	5624	5000	7867	0502
3145	3420	4421	4314	5630	5000, 5261	7868	7871
3148	3430	4422	4314	5700	5000, 5261, 5661	7880	4314
3149	3434, 3437, or appro- priate nursing spe- cialty.	4430	4310, 4320	5710	5000	7911	7916
		4431	4310, 4320	5730	5000, 6400, 6402	7912	7917
		4432	4310, 4320	5740	5000	7913	7914
		4433	4310	5741	5000	7923	7110
				6120	8125	8102	8101
3154	See par. 13, sec. I.	4442	0661	6202	6201	8106	8104
3156	3100	4445	0804	6203	6302	8203	4314
3157	3108	4446	0660	6204	6201	8241	4942
3164	3161	4447	0660	6205	6201	8250	7918
3165	2320, 7050	4453	4805	6404	6400, 6402	8300	7940
3166	See par. 10, sec. I.	4455	0804	7000	See par. 13, sec. I.	8508	7052
3167	3162	4456	0804	7111	7421	8509	4314
3168	See par. 10, sec. I.	4460	4440	7220	0823	8510	8500, 8537
3176	3161	4471	4470	7241	7240	8512	8537
3181	3180	4480	4314	7311	7422	8513	8511, 8537
3183	3418	4491	4490	7328	4832	8514	2685
3190	See par. 13, sec. I.	4492	7050	7340	7310, 7312	8541	8540
3192	3100	4515	4510, 4514	7350	7414, 7421	9111	9110
3211	See par. 10, sec. I.	4516	4500, 4513	7401	7400	9115	9110
3220	3221, 3316	4517	2901	7410	7415	9117	9110
3300	7430	4518	2912	7414	7421	9118	9110
3302	See par. 13, sec. I.	4519	4314	7506	7500	9119	9110
3304	See par. 13, sec. I.	4531	4510	7520	7421, 7500	9211	9210
3308	See par. 13, sec. I.	4604	4602, 4606	7530	2025, 4514, 4701, 7050, 7539	9213	9210
3312	7316	4711	4710			9214	9414
3313	3152, 3175	4800	4805, 4806, 4807, 4808	7532	4807	9215	9415
3317	3318			7533	4808	9216	9210
3320	See par. 13, sec. I.	4802	4922	7534	4825	9304	9305
3321	See par. 13, sec. I.	4804	4870	7537	7400	9308	9620
3322	3130, 3132, 3162	4810	7120	7538	7050	9309	9300
3323	See par. 13, sec. I.	4811	7120	7542	4823	9500	9511
3324	See par. 13, sec. I.	4812	4912	7560	2902		

# Appendix B

## Coding of Medical Corps Officers

**I. CONVERSION OF SGO CLASSIFICATION SYMBOLS.** Alphabetical symbols used by The Surgeon General for designating the specialties of Medical Department officers are converted in this manual to SSN's indicative of the appropriate military occupational specialties (see conversion table below). For example, the SGO symbol S-TH is converted to the SSN 3151 and the symbol of A or A-H is converted to the SSN indicative of the military occupational specialty for the specific type of administration, that is, 3000, 3001, 3161, 3500, 3501, etc. However, the symbols BR, L-PY, and M-GS are converted to the SSN most appropriately indicating primary military occupational specialty followed, respectively, by the words bronchoscopy, physiology, and gastroscopy, for example, 3126 (bronchoscopy), 3303 (physiology), and 3105 (gastroscopy).

**TABLE OF SGO SPECIALTY—SYMBOLS FOR MEDICAL CORPS OFFICERS CONVERTED TO MILITARY OCCUPATIONAL SPECIALTY CODES AND TITLES**

SGO SPECIALTY		M O S (TM 12-406 and 407)	
SYMBOL	TITLE	CODE	TITLE
A	Administration...	3000	Surgeon, Staff
		3001	Post Surgeon
		3161	Air Force Staff Surgeon
		3500	Medical Unit Commander .... or other appropriate specialty
A-II	Administration, Hospital.....	3501	Hospital Commander
E	Ophthalmology...	3125	Ophthalmologist
ENT	Otorhinolaryngology.....	3126	Otorhinolaryngologist
EENT	Ophthalmologist and Otorhinolaryngologist...	3106	Ophthalmologist and Otorhinolaryngologist
BR	Bronchoscopy....	*	
FS	Flight Surgeon...	3162	Flight Surgeon
FS-E	Aviation Medical Examiner.....	3160	Aviation Medical Examiner
G	General Duties...	3100	Medical Officer, General Duty
L-C	Clinical Laboratory....	3303	Medical Laboratory Officer
L-P	Pathology.....	3325	Pathologist
L-PY	Physiology.....	*	
M	Internal Medicine	3139	Medical Officer, Internist
M-A	Allergy.....	3113	Allergist
M-C	Cardiology.....	3107	Cardiologist
M-D	Dermatology.....	3112	Dermatologist
M-S	Syphilology.....	3155	Venereal Disease Control Officer

\* See last sentence, par. 1.

**TABLE OF SGO SPECIALTY SYMBOLS FOR MEDICAL CORPS OFFICERS CONVERTED TO MILITARY OCCUPATIONAL SPECIALTY CODES AND TITLES (Cont.)**

SGO SPECIALTY		M O S (TM 12-406 and 407)	
SYMBOL	TITLE	CODE	TITLE
M-DS	Dermatology and Syphilology....	3112	Dermatologist
M-G	Gastro-Enterology	3105	Gastro-Enterologist
M-GS	Gastroscopy.....	*	
M-P	Pediatrics.....	3116	Medical Officer, Communicable Disease
M-TB	Tuberculosis....	3101	Medical Officer, Tuberculosis
N	Neurology.....	3130	Neuropsychiatrist
P	Psychiatry.....	3130	Neuropsychiatrist
NP	Neuro-Psychiatry	3130	Neuropsychiatrist
PH	Public Health....	3005	Public Health Officer
PT	Physical Therapy.	3180	Physical Therapy Officer
R	Radiology.....	3306	Radiologist
R-T	Therapeutic Radiology.....	3182	Radiologist, Therapeutic
S	General Surgery..	3150	Medical Officer, General Surgery
S-A	Anesthesia.....	3115	Anesthetist
S-G	Gynecology.....	3108	Obstetrician and Gynaecologist
S-O	Obstetrics.....	3108	Obstetrician and Gynecologist
S-OG	Obstetrics and Gynecology....	3108	Obstetrician and Gynecologist
S-N	Neurologic Surgery.....	3131	Neurosurgeon
S-OR	Orthopedic Surgery.....	3153	Orthopedic Surgeon
S-P	Plastic Surgery...	3152	Plastic Surgeon
S-PR	Proctology....	3104	Proctologist
S-TH	Thoracic Surgery.	3151	Thoracic Surgeon
S-U	Genito-urinary Surgery.....	3111	Urologist
TM	Tropical Medicine	3138	Medical Officer, Tropical Medicine
VD	Venereal Disease Control.....	3155	Venereal Disease Control Officer

### **2. SGO CLASSIFICATION GROUPS.**

**a. Conversion of SGO Numerical Designations of Classification Groups.** The numerical designations 1, 2, 3, and 4 used by The Surgeon General to indicate degrees of training and ability within a given specialty (see definitions below) appear in this manual as the alphabetical designations A, B, C, and D. These alphabetical designations are authorized for entry on WD AGO Form 66-1 (Officer's Qualification Card) as a prefix to the SSN. For example, an officer who is classified as S1 on WD AGO Form 178-2 maintained by The Surgeon General would be coded on WD AGO Form 66-1









