ARNOLD SCHWARZENEGGER GOVERNOR OF CALIFORNIA

SCHEDULE FOR RATING PERMANENT DISABILITIES

UNDER THE PROVISIONS OF THE

LABOR CODE OF THE STATE OF CALIFORNIA

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LABOR AND WORKFORCE DEVELOPMENT AGENCY DEPARTMENT OF INDUSTRIAL RELATIONS DIVISION OF WORKERS' COMPENSATION

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AUTHORITY

Labor Code section 4660, amended effective April 19, 2004, provides:

- 4660(a) In determining the percentages of permanent disability, account shall be taken of the nature of the physical injury or disfigurement, the occupation of the injured employee, and his or her age at the time of the injury, consideration being given to an employee's diminished future earning capacity.
- (b)(1) For purposes of this section, the "nature of the physical injury or disfigurement" shall incorporate the descriptions and measurements of physical impairments and the corresponding percentages of impairments published in the American Medical Association (AMA) Guides to the Evaluation of Permanent Impairment (5th Edition).
- (2) For purposes of this section, an employee's diminished future earning capacity shall be a numeric formula based on empirical data and findings that aggregate the average percentage of long-term loss of income resulting from each type of injury for similarly situated employees. The administrative director shall formulate the adjusted rating schedule based on empirical data and findings from the Evaluation of California's Permanent Disability Rating Schedule, Interim Report (December 2003), prepared by the RAND Institute for Civil Justice, and upon data from additional empirical studies.
- (c) The Administrative Director shall amend the schedule for the determination of the percentage of permanent disability in accordance with this section at least once every five years. This schedule shall be available for public inspection and, without formal introduction in evidence, shall be prima facie evidence of the percentage of permanent disability to be attributed to each injury covered by the schedule.
- (d) The schedule shall promote consistency, uniformity, and objectivity. The schedule and any amendment thereto or revision thereof shall apply prospectively and shall apply to and govern only those permanent disabilities that result from compensable injuries received or occurring on and after the effective date of the adoption of the schedule, amendment or revision, as the fact may be. For compensable claims arising before January 1, 2005, the schedule as revised pursuant to changes made in legislation enacted during the 2003-04 Regular and Extraordinary Sessions shall apply to the determination of permanent disabilities when there has been either no comprehensive medical-legal report or no report by a treating physician indicating

the existence of permanent disability, or when the employer is not required to provide the notice required by Section 4061 to the injured worker.

(e) On or before January 1, 2005, the administrative director shall adopt regulations to implement the changes made to this section by the act that added this subdivision.

Pursuant to this authority, the Administrative Director has adopted this revised Schedule for Rating Permanent Disabilities.

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SECTION 1 – INTRODUCTION AND INSTRUCTIONS

I. INTRODUCTION

This Schedule for Rating Permanent Disabilities (hereinafter referred to as the "Schedule") has been adopted by the Administrative Director pursuant to Labor Code section 4660. In accordance with this section, the schedule shall be amended at least once every five years.

The extent of permanent disability that results from an industrial injury can be assessed once an employee's condition becomes permanent and stationary. Permanent and stationary is defined as the point in time when the employee has reached maximal medical improvement (MMI), meaning his or her condition is well stabilized and unlikely to change substantially in the next year with or without medical treatment. (AMA Guides, p. 2.)

The calculation of a permanent disability rating is initially based on a evaluating physician's impairment rating, in accordance with the medical evaluation protocols and rating

procedures set forth in the American Medical Association (AMA) *Guides to the Evaluation of Permanent Impairment, 5th Edition* (hereinafter referred to as the "AMA Guides"), which is hereby incorporated by reference.

Initial impairment ratings are consolidated by body part (see *Adjusting AMA Impairments and Combining Ratings* on page 1-11) and converted to a whole person impairment rating (hereinafter referred to as "impairment standard"). The impairment standard is then adjusted to account for diminished future earning capacity, occupation and age at the time of injury to obtain a final permanent disability rating.

A permanent disability rating can range from 0% to 100%. Zero percent signifies no reduction of earning capacity, while 100% represents permanent total disability. A rating between 0% and 100% represents permanent partial disability. Permanent total disability represents a level of disability at which an employee has sustained a total loss of earning

capacity. Some impairments are conclusively presumed to be totally disabling. (Lab. Code, §4662.)

Each rating corresponds to a fixed number of weeks of compensation. Compensation is paid based on the number of weeks and the weekly compensation rate, in accordance with Labor Code section 4658.

II RATING PROCEDURES

A. Use of the AMA Guides

The AMA Guides are used by evaluating physicians to determine the extent of an individual's impairment. The AMA Guides use different scales to describe impairment for different parts and regions of the body. For example, finger impairment is measured using a finger scale that can range from 0% to 100%. Other commonly used scales in the AMA Guides are the hand, upper extremity, foot, lower extremity and whole person scales.

The scales that correspond to different body regions are equivalent to a percentage of the whole person scale; therefore these scales are converted to the whole person scale to determine the appropriate impairment rating. For example, an upper extremity impairment in the range of 0% to 100% is equivalent to a whole person impairment in the range of 0% to 60%. The upper extremity impairment is converted to a whole person impairment by multiplying by .6.

When combining two or more ratings to create a composite rating, the ratings must be expressed in the same scale. (See *Formula for combining impairments and disabilities* on page 1-10.)

The whole person impairment scale is referred to as WPI (whole person impairment). The upper and lower extremity scales are referred to as UE (upper extremity) and LE (lower extremity), respectively.

A final permanent disability rating is obtained only after the impairment rating obtained from an evaluating physician is adjusted for diminished future earning capacity, occupation and age at the time of injury.

B. Calculation of Rating

This schedule utilizes an impairment number and an impairment standard. The impairment standard is then modified to reflect diminished future earning capacity, the occupation and the age at the time of injury.

1. Impairment Number

The impairment number identifies the body part, organ system and/or nature of the injury and takes the form of "xx.xx.xx.xx". The first two digits correspond to the chapter number in the AMA Guides which address the body part/organ system. Subsequent pairs of digits further refine the identification of the impairment.

For example, soft tissue lesion of the neck rated under the range of motion (ROM) method would be represented as follows:

15. 01. 02. 02

Spine Neck ROM method Soft tissue lesion

Under Section 2 of the Permanent Disability Rating Schedule, an appropriate impairment number can be found for most impairments.

2. Impairment Standard

After identification of the appropriate disability number(s), the next step is to calculate all relevant impairment standard(s) for the impairments being evaluated. An impairment standard is a whole person impairment rating under the AMA Guides, provided by the evaluating physician.

If an impairment based on an objective medical condition is not addressed by the AMA Guides, physicians should use clinical judgment, comparing measurable impairment resulting from the unlisted objective medical condition to measurable impairment resulting from similar objective medical conditions with similar impairment of function in performing activities of daily living. (AMA Guides, p. 11.)

A single injury can result in multiple impairments of several parts of the body. For example, an injury to the arm could result in limited elbow range of motion and shoulder instability. Multiple impairments must be combined in a prescribed manner to produce a final overall rating. (See, *Adjusting AMA Impairments and Combining Ratings* on page 1-11.)

It is not always appropriate to combine all impairment standards resulting from a single injury, since two or more impairments may have a duplicative effect on the function of the injured body part. The AMA Guides provide some direction on what impairments can be used in combination. Lacking such guidance, it is necessary for the evaluating physician to exercise his or her judgment in avoiding duplication.

The impairment standard is assumed to represent the degree of impairment for a theoretical average worker, i.e., a worker with average occupational demands on all parts of the body and at the average age of 39.

3. Adjustment for Diminished Future Earning Capacity

The adjustment for diminished future earning capacity (FEC) is applied to the impairment standard in accordance with procedures outlined in section 2 of the Schedule. An impairment must be expressed using the whole person impairment scale before applying the FEC adjustment.

The methodology and FEC Adjustment table is premised on a numerical formula based on empirical data and findings that aggregate the average percentage of long-term loss of income resulting from each type of injury for similarly situated employees. The empirical data was obtained from the interim report, "Evaluation of California's Permanent Disability Rating Schedule (December 2003), prepared by the RAND Institute for Justice. The result is that the injury categories are placed into different ranges (based on the ratio of standard ratings to proportional wage losses). Each of these ranges will generate a FEC adjustment between 10% and 40% for each injury category.

(a) Summary of Methodology:

- 1. RAND data was used to establish the ratio of average California standard ratings to proportional wage losses for each of 22 injury categories. (*Data for Adjusting Disability Ratings to Reflect Diminished Future Earnings and Capacity in Compliance with SB 899*, December 2004, RAND Institute for Civil Justice, Seabury, Reville, Neuhauser.) These ratios are listed in Table B below.
- 2. The range of the ratios for all injury categories is .45 to 1.81. This numeric range was divided into eight evenly spaced ranges. (See the Range of Ratios columns in Table A below.) Each injury category will fall within one of these eight ranges, based on its rating/wage loss ratio.
- 3. A series of FEC adjustment factors were established to correspond to the eight ranges described above. (See column 4 of Table A below.) The smallest adjustment factor is 1.1000 which will result in a 10% increase when applied to the AMA whole person impairment rating. The largest is 1.4000 which will result in a 40% increase. The six intermediate adjustment

factors are determined by dividing the difference between 1.1 and 1.4 into seven equal amounts.

4. The formula for calculating the maximum and minimum adjustment factors is ([1.81/a] x .1) +1 where a equals the minimum or maximum rating/loss ratio from Table B below. AMA whole person impairment ratings for injury categories that correspond to a greater relative loss of earning capacity will receive a higher FEC adjustment. For example, a psychiatric impairment receives a higher FEC adjustment because RAND data shows that a relatively high wage loss corresponds to the average psychiatric standard permanent disability rating. A hand impairment would receive a lower FEC adjustment because RAND data shows a relatively low wage loss relative to the average psychiatric standard permanent disability rating.

The FEC rank and adjustment factors that correspond to relative earnings for the eight evenly-divided ranges are listed below in Table A. The ratio of earnings to losses and the corresponding rank for each injury category are listed below in Table B. To adjust an impairment standard for earning

capacity, multiply it by the appropriate adjustment factor from Table $\frac{B}{A}$ and round to the nearest whole number percentage. Alternatively, a table is provided at the end of Section 2 of the Schedule which provides the earning capacity adjustment for all impairment standards and FEC ranks.

Table A

Range o	f Ratios		
Low	High	FEC Rank	Adjustment Factor
1.647	1.810	One	1.1000 <u>00</u>
1.476	1.646	Two	1.142 <u>9857</u>
1.305	1.475	Three	1.1857 <u>14</u>
1.134	1.304	Four	1.228 <u>6571</u>
0.963	1.133	Five	1.2714 <u>29</u>
0.792	0.962	Six	1.314 <u>3</u> 286
0.621	0.791	Seven	1.3571 <u>43</u>
0.450	0.620	Eight	1.4000 <u>00</u>

Table B

Table D		
	Ratio of	EEC
Part of the Body	Rating	FEC
	over	Rank
	Losses	
Hand/fingers	1.810	One
Vision	1.810	One
Knee	1.570	Two
Other	1.530	Two
Ankle	1.520	Two
Elbow	1.510	Two
Loss of grasping power	1.280	Four
Wrist	1.210	Four
Toe(s)	1.110	Five
Spine Thoracic	1.100	Five
General lower extremity	1.100	Five
Spine Lumbar	1.080	Five
Spine Cervical	1.060	Five
Hip	1.030	Five
General upper extremity	1.000	Five
Heart disease	0.970	Five
General Abdominal	0.950	Six
PT head syndrome	0.930	Six
Lung disease	0.790	Seven
Shoulder	0.740	Seven
Hearing	0.610	Eight
Psychiatric	0.450	Eight

The FEC Rank for the "Other" category is based on average ratings and proportional earning losses for the following impairments:

Impaired rib cage
Cosmetic disfigurement
General chest impairment
Facial disfigurement or impairment
Impaired mouth or jaw
Speech impairment
Impaired nose
Impaired nervous system
Vertigo
Impaired smell
Paralysis
Mental Deterioration
Epilepsy
Skull aperture

4. Occupational Grouping

After the rating is adjusted for diminished future earning capacity, it is then modified to take into account the requirements of the specific occupation that the employee was engaged in when injured.

The Schedule divides the labor market into 45 numbered occupational groups. Each group is assigned a three-digit code called an occupational group number. The first digit of the code refers to the arduousness of the duties, ranking jobs

from 1 to 5 in ascending order of physical arduousness; the second digit separates occupations into broad categories sharing common characteristics; the third digit differentiates between occupations within these groups. (See Occupational Group Chart in Section 3B of the Schedule for a breakdown of all occupational groups.)

To identify the appropriate occupational group number, look up the occupation in the list contained in Section 3A of the Schedule. Each job title is listed along with its corresponding group number. The appropriate occupation can generally be found listed under a scheduled or alternative job title. If the occupation cannot be found, an appropriate occupational group is determined by analogy to a listed occupation(s) based on a comparison of duties. (The table Occupational Group Characteristics in Section 3C of the Schedule provides a description of each occupational group to facilitate the determination of a group number.)

5. Occupational Variant

Section 4 of the Schedule contains tables that cross-reference impairment numbers and occupational group numbers to produce an "occupational variant," which is expressed as a letter. These tables are designed so that variant "F" represents average demands on the injured body part for the particular impairment being rated, with letters "E", "D" and "C" representing progressively lesser demands, and letters "G" through "J" reflecting progressively higher demands.

6. Occupational Adjustment

After the rating has been adjusted for diminished future earning capacity, the rating is adjusted next for occupation by reference to tables found in Section 5 of the Schedule. To use this section, find the earning capacity-adjusted rating in the column entitled "Rating" and then read across the table to the column headed with the appropriate occupational variant. The intersection of the row and column contains the occupation-adjusted rating.

7. Age Adjustment

Finally, the rating is adjusted to account for the worker's age on the date of injury. Section 6 of the Schedule contains tables for determining the age adjustment. To use this section, find the occupation-adjusted rating in the column entitled "Rating" and read across the table to the column with the injured worker's age on the date of injury.

8. Final Permanent Disability Rating

The number identified on the age adjustment table represents the final overall permanent disability rating percentage for a single impairment. (See Subdivisions C.1. and C.2. on pages 10 and 11 to combine multiple impairments and disabilities.)

9. Rating Formula

The final rating is generally expressed as a rating formula, as in the following example:

$$15.01.02.02 - 8 - [5]10 - 470H - 13 - 11\%$$

Each component is described below:

15.01.02.02 – Impairment number for cervical spine, soft tissue lesion

8% – Impairment standard

10% - Rating after adjustment for earning capacity based on FEC rank 5

470 – Occupational group number for Furniture assembler, heavy

H – Occupational variant

13% – Rating after occupational adjustment

11% – Rating after adjustment for age of 30

C. Additional Rating Procedures

1. Formula for Combining Impairments and Disabilities

Impairments and disabilities are generally combined using the following formula where "a" and "b" are the decimal equivalents of the impairment or disability percentages:

$$a + b(1-a)$$

For example, the result of combining 15% and 25% would be calculated as follows:

Impairment ratings must be expressed in the same scale to be combined. For example, it would be inappropriate to combine 15% UE with 20% WPI. Likewise, one cannot combine an impairment rating with a disability rating.

Except as specified in the section below, when combining three or more ratings on the same scale into a single rating, combine the two largest ratings first, rounding the result to the nearest whole percent. Then combine that result with the next larger rating, and so on, until all ratings are combined. Each successive calculation result must be rounded before performing the next.

2. Adjusting AMA Impairments and Combining Ratings

As used here, the term "adjusting" refers to adjusting an AMA impairment rating for diminished future earning capacity, occupation and age.

Except as specified below, all impairments are converted to the whole person scale, adjusted, and then combined to determine a final overall disability rating.

Multiple impairments involving the hand or foot are combined using standard AMA Guides protocols. The resulting impairment is converted to whole person impairment and adjusted before being combined with other impairments of the same extremity.

Multiple impairments such as those involving a single part of an extremity, e.g. two impairments involving a shoulder such as shoulder instability and limited range of motion, are combined at the upper extremity level, then converted to whole person impairment and adjusted before being combined with other parts of the same extremity. Note that some impairments

of the same body part may not be combined because of duplication.

Impairments with disability numbers in the 16.01 and 17.01 series are converted to whole person impairment and adjusted before being combined with any other impairment of the same extremity.

Impairments of an individual extremity are adjusted and combined at the whole person level with other impairments of the same extremity before being combined with impairments of other body parts. For example, an impairment of the left knee and ankle would be combined before further combination with an impairment of the opposing leg or the back.

The composite rating for an extremity (after adjustments) may not exceed the amputation value of the extremity adjusted for earning capacity, occupation and age. The occupational variant used to rate an entire extremity shall be the highest variant of the involved individual impairments.

3. Rating Impairment Based on Pain

Pursuant to Chapter 18 of the AMA Guides, a whole person impairment rating based on the body or organ rating system of the AMA Guides (Chapters 3 through 17) may be increased by <u>0%</u> up to 3% WPI if the burden of the worker's condition has been increased by pain-related impairment in excess of the pain component already incorporated in the WPI rating in Chapters 3-17. (AMA Guides, p. 573.)

A physician may perform a formal pain-related impairment assessment if deemed necessary to justify the increase of an impairment rating based on the body or organ rating system. (See Section 18.3f of the AMA Guides starting on page 575.)

The maximum allowance for pain resulting from a single injury is 3% WPI regardless of the number of impairments resulting from that injury.

The addition of up to 3% for pain is to be made at the whole person level. For example, if an elbow impairment were

to be increased by 3% for pain, the rating for the elbow would first be converted to the whole person scale, and then increased. The resultant rating would then be adjusted for diminished future earning capacity, occupation and age.

In the case of multiple impairments, the evaluating physician shall, when medically justifiable, attribute the pain in whole number increments to the appropriate impairments. The additional percentage added for pain will be applied to the respective impairments as described in the preceding paragraph.

4. Rating Psychiatric Impairment

Psychiatric impairment shall be evaluated by the physician using the Global Assessment of Function (GAF) scale shown below. The resultant GAF score shall then be converted to a whole person impairment rating using the GAF conversion table below.

(a) Instructions for Determining a GAF score:

STEP 1: Starting at the top level of the GAF scale, evaluate each range by asking "is either the individual's symptom severity OR level of functioning worse than what is indicated in the range description?"

STEP 2: Keep moving down the scale until the range that best matches the individual's symptom severity OR the level of functioning is reached, whichever is worse.

STEP 3: Look at the next lower range as a double-check against having stopped prematurely. This range should be too severe on both symptom severity and level of functioning. If it is, the appropriate range has been reached (continue with step 4). If not, go back to step 2 and continue moving down the scale.

To determine the specific GAF rating within the selected 10 point range, consider whether the individual is functioning at the higher or lower end of the 10 point range. For example, consider an individual who hears voices that do not influence his behavior (e.g., someone with long-standing Schizophrenia who accepts his hallucinations as part of his illness). If the voices occur relatively infrequently (once a week or less) a rating of 39 or 40 might be most appropriate. In contrast, if the individual hears voices almost continuously, a rating of 31 or 32 would be more appropriate.

(b) Global Assessment of Functioning (GAF) Scale

Consider psychological, social, and occupational functioning on a hypothetical continuum of mental health-illness. Do not include impairment in functioning due to physical (or environmental) limitations.

STEP 4:

Code

91 – 100 Superior functioning in a wide range of activities, life's problems never seem to get out of hand, is sought out by others because of his or her many positive qualities. No symptoms.

81 – 90 Absent or minimal symptoms (e.g., mild anxiety before an exam), good functioning in all areas, interested and involved in a wide range of activities, socially effective, generally satisfied with life, no more than everyday problems or concerns (e.g., an occasional argument with family members).

71 – 80 If symptoms are present, they are transient and expectable reactions to psychosocial stressors (e.g., difficulty concentrating after family argument); no more than slight impairment in social, occupational, or school functioning (e.g., temporarily falling behind in schoolwork).

Some mild symptoms (e.g., depressed mood and mild insomnia) OR some difficulty in social, occupational, or school functioning (e.g., occasional truancy, or theft within the household), but generally functioning pretty well, has some meaningful interpersonal relationships.

Moderate symptoms (e.g., flat affect and circumstantial speech, occasional panic attacks)

OR moderate difficulty in social, occupational, or school functioning (e.g., few friends, conflicts with peers or co-workers).

Serious symptoms (e.g., suicidal ideation, severe obsessional rituals, frequent shoplifting)

OR any serious impairment in social, occupational, or school functioning (e.g., no friends, unable to keep a job).

61 - 70

- Some impairment in reality testing or communication (e.g., speech is at times illogical, obscure, or irrelevant) OR major impairment in several areas, such as work or school, family relations, judgment thinking, or mood (e.g., depressed man avoids friends, neglects family, and is unable to work; child frequently beats up younger children, is defiant at home and is failing at school).
- 21 30 Behavior is considerably influenced by delusions or hallucinations OR serious impairment in communication or judgment (e.g., sometimes incoherent, acts grossly inappropriately, suicidal preoccupation) OR inability to function in almost all areas (e.g., stays in bed all day; no job, home or friends).
- 11 20 Some danger of hurting self or others (e.g., suicide attempts without clear expectation of death; frequently violent; manic excitement) OR occasionally fails to maintain minimal personal

hygiene (e.g., smears feces) OR gross impairment in communication (e.g., largely incoherent or mute).

- 1-10 Persistent danger of severely hurting self or others (e.g., recurrent violence) OR persistent inability to maintain minimal personal hygiene OR serious suicidal act with clear expectation of death.
- **0** Inadequate information.
- (c) Converting the GAF Score to a Whole Person

 Impairment

Locate the GAF score in the table below and read across to determine the corresponding whole person impairment (WPI) rating.

GAF	WPI	GAF	WPI	GAF	WPI	GAF	WPI
1	90	34	63	67	5	100	0
2	89	35	61	68	3		
3	89	36	59	69	2		
4	88	37	57	70	0		
5	87	38	55	71	0		
6	87	39	53	72	0		
7	86	40	51	73	0		
8	85	41	48	74	0		
9	84	42	46	75	0		
10	84	43	44	76	0		
11	83	44	42	77	0		
12	82	45	40	78	0		
13	82	46	38	79	0		
14	81	47	36	80	0		
15	80	48	34	81	0		
16	80	49	32	82	0		
17	79	50	30	83	0		
18	78	51	29	84	0		
19	78	52	27	85	0		
20	77	53	26	86	0		
21	76	54	24	87	0		
22	76	55	23	88	0		
23	75	56	21	89	0		
24	74	57	20	90	0		
25	73	58	18	91	0		
26	73	59	17	92	0		
27	72	60	15	93	0		
28	71	61	14	94	0		
29	71	62	12	95	0		
30	70	63	11	96	0		
31	69	64	9	97	0		
32	67	65	8	98	0		
33	65	66	6	99	0		

SECTION 2 – IMPAIRMENT NUMBER/EARNING CAPACITY ADJUSTMENT

Category	Body Part/Function	<u>Page</u>
03	Cardiovascular System – Heart & Aorta	2-2
04	Cardiovascular System – Systemic & Pulmonary Arteries	2-2
05	Respiratory System	2-2
06	Digestive System	2-2
07	Urinary & Reproductive Systems	2-2
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09	Hematopoietic System	2-2
10	Endocrine System	2-2
11	Ear, Nose & Throat	2-2
12	Visual System	2-2
13	Central & Peripheral Nervous System	2-2
14	Mental & Behavioral Disorders	2-3
15	Spine	2-3
16	Upper Extremities	2-4
17	Lower Extremities	2-4
18	Pain	2-5

Use this section to determine an impairment number and a future earning capacity (FEC) rank for each body part being evaluated. Then use the table at the end of this section to adjust the impairment standard for earning capacity. If the impairment is not addressed by the AMA Guides, choose the closest applicable impairment number, and replace the last pair of digits with the number 99. For example, a condition that was analogized to a spinal cord disorder affecting the respiratory system (impairment no. 13.10.01.00) would take the impairment number 13.10.01.99.

Fl	<u>SC</u>		FEC	
# Impairment R	ank <u>Impairment</u>	Impairment#	Rank	<u>Impairment</u>
03 – CARDIOVA	SCULAR SYSTEM – HEART & AORTA	08 – SKIN		
03.01.00.00 5	Valvular Heart Disease	08.01.00.00	2	Disfigurement
03.02.00.00 5	Coronary Heart Disease	08.02.00.00	2	Scars & Skin Grafts
03.03.00.00 5	Congenital Heart Disease	08.03.00.00	2	Contact Dermatitis
03.04.00.00 5	Cardiomyopathies	08.04.00.00	2	Latex Allergy
03.05.00.00 5	Pericardial Heart Disease	08.05.00.00	2	Skin Cancer
03.06.00.00 5	Arrhythmia			
		09 – HEMAT	OPOII	ETIC SYSTEM
04 – CARDIOVA	SCULAR SYSTEM – SYSTEMIC & PULMONARY			
ARTERIES		09.01.00.00	2	Hematopoietic Impairment
04.01.00.00 5	Hypertensive Cardiovascular Disease	10 – ENDOC	RINE	SYSTEM
04.02.00.00 5	Aortic Disease			
04.03.01.00 5	Peripheral Vascular Disease, Upper Extremities	10.01.00.00	2	Diabetes Mellitus
04.03.02.00 5	Peripheral Vascular Disease, Lower Extremities			
04.04.00.00 7	Pulmonary Circulation Disease	11 – EAR, N	OSE &	THROAT
05 – RESPIRATO	NPV SVSTEM	11.01.01.00	8	Ear – Hearing Impairment
05 – KLSI IKATO	KI SISILWI	11.01.02.00	8	Ear – Vestibular Disorder
05.01.00.00 7	Asthma	11.01.02.00	o	Eat – Vestibulai Disordei
05.02.00.00 7	Respiratory Disorders	11.02.01.00	2	Face/cosmetic
05.03.00.00 7	Cancer	11.02.01.00	2	Face/eye/cosmetic
03.03.00.00 /	Cancer	11.02.02.00	2	race/eye/cosmetic
06 – DIGESTIVE	SYSTEM	11.03.01.00	2	Nose/Throat/Related Structures – Respiration
		11.03.02.00	2	Nose/Throat/Related Structures – Mastication &
06.01.00.00 6	Upper Digestive Tract			Deglutition
06.02.00.00 6	Colon, Rectum, Anus	11.03.03.00	2	Nose/Throat/Related Structures – Olfaction & Taste
06.03.00.00 6	Enterocutaneous Fistulas	11.03.04.00	2	Nose/Throat/Related Structures – Voice & Speech
06.04.00.00 6	Liver/Biliary Tract			•
06.05.00.00 6	Hernias	12 – VISUAI	L SYST	TEM
OZ LIDINIADNI	DEDDADUCTN/E CVCTEMC	12 01 00 00	1	Viewal A solve
U/ – URINARY (& REPRODUCTIVE SYSTEMS	12.01.00.00	1	Visual Acuity
07.01.00.00		12.02.00.00	1	Visual Field
07.01.00.00 2	Upper Urinary Tract	12.03.00.00	1	Visual System
07.02.00.00 2	Urinary Diversion	12 CENTED	AT 0 T	DEDIDITED AT MEDMONG ONGTEM
07.03.00.00 2	Bladder	13 – CENTR	AL & I	PERIPHERAL NERVOUS SYSTEM
07.04.00.00 2	Urethra	12.01.00.00	,	Carraciana Diagram
07.05.00.00 2	Reproductive System	13.01.00.00	6	Consciousness Disorder
		13.02.00.00	2	Episodic Neurologic Disorder
		13.03.00.00	6	Arousal Disorder
		13.04.00.00	2	Cognitive Impairment

	FEC			FEC	
# Impairment	Ran		Impairment#	Ran	
13.05.00.00	2	Language Disorder	14 MENTA		BEHAVIORIAL DISORDERS
13.06.00.00	8	Behavioral/Emotional Disorder	14 – MEN 1 A	AL & I	BEHAVIORIAL DISORDERS
13.00.00.00	o	Bellavioral/Elliotiolial Disorder	14.01.00.00	8	Psychiatric – Mental and Behavioral
13.07.01.00	2	Cranial Nerve – Olfactory	14.01.00.00	O	1 Sychiatric – Wichtar and Benaviorar
13.07.02.00	1	Cranial Nerve – Onactory Cranial Nerve – Optic	15 – SPINE		
13.07.02.00	2	Cranial Nerve – Oculomotor, Trochlear & Abducens	13 – SI IIVL		
13.07.04.00	2	Cranial Nerve – Trigeminal	15.01.01.00	5	Cervical – Diagnosis-related Estimate (DRE)
13.07.05.00	2	Cranial Nerve – Facial	15.01.02.01	5	Cervical – Range of Motion (ROM) – Fracture
13.07.06.01	8	Cranial Nerve – Vestibulocochlear – Vertigo	15.01.02.02	5	Cervical – Range of Motion – Soft Tissue Lesion
13.07.06.02	8	Cranial Nerve – Vestibulocochlear – Tinnitus	15.01.02.03	5	Cervical – Range of Motion – Spondylolysis, no
13.07.07.00	2	Cranial Nerve – Glossopharyngeal & Valgus	15.01.02.05		operation spendylolysis, no
15.07.07.00	_	Cramar Perve Grossopharyngear & Vargas	15.01.02.04	5	Cervical – Range of Motion – Stenosis, with operation
13.07.08.00	2	Cranial Nerve – Spinal Accessory	15.01.02.05	5	Cervical – Range of Motion – Nerve Root/Spinal Cord-
13.07.09.00	2	Cranial Nerve – Hypoglossal	10.01.02.00		Sensory
15.07.05.00	_	Ciamar 14114 II poglossar	15.01.02.06	5	Cervical – Range of Motion – Nerve Root/Spinal Cord
13.08.00.00	5	Station, Gait, Movement		-	– Motor
13.09.00.00	5	Upper Extremities			
		11	15.02.01.00	5	Thoracic – Diagnosis-related Estimate
13.10.01.00	7	Spinal Cord Disorder – Respiratory	15.02.02.01	5	Thoracic – Range of Motion – Fracture
13.10.02.00	2	Spinal Cord Disorder – Urinary	15.02.02.02	5	Thoracic – Range of Motion – Soft Tissue Lesion
13.10.03.00	2	Spinal Cord Disorder – Anorectal	15.02.02.03	5	Thoracic – Range of Motion – Spondylolysis, no
13.10.04.00	2	Spinal Cord Disorder – Sexual			operation
		•	15.02.02.04	5	Thoracic – Range of Motion – Stenosis, with operation
13.11.01.01	5	Chronic Pain – Upper Extremities – Causalgia	15.02.02.05	5	Thoracic – Range of Motion – Nerve Root/Spinal Cord
13.11.01.02	5	Chronic Pain – Upper Extremities – Post-traumatic			- Sensory
		Neuralgia	15.02.02.06	5	Thoracic – Range of Motion – Nerve Root/Spinal Cord
13.11.01.03	5	Chronic Pain – Upper Extremities – Reflex			– Motor
		Sympathetic Dystrophy			
13.11.02.01	5	Chronic Pain – Lower Extremities – Causalgia	15.03.01.00	5	Lumbar – Diagnosis-related Estimate
13.11.02.02	5	Chronic Pain – Lower Extremities – Post-traumatic	15.03.02.01	5	Lumbar – Range of Motion – Fracture
		Neuralgia	15.03.02.02	5	Lumbar – Range of Motion – Soft Tissue Lesion
13.11.02.03	5	Chronic Pain – Lower Extremities – Reflex	15.03.02.03	5	Lumbar – Range of Motion – Spondylolysis, no
		Sympathetic Dystrophy			operation
			15.03.02.04	5	Lumbar – Range of Motion – Stenosis, with operation
13.12.01.01	5	Peripheral Nerve System – Spine – Sensory	15.03.02.05	5	Lumbar – Range of Motion – Nerve Root/Spinal Cord
13.12.01.02	5	Peripheral Nerve System – Spine – Motor			- Sensory
13.12.02.01	5	Peripheral Nerve System – Upper Extremity – Sensory	15.03.02.06	5	Lumbar – Range of Motion – Nerve Root/Spinal Cord
13.12.02.02	5	Peripheral Nerve System – Upper Extremity – Motor			– Motor
13.12.03.01	5	Peripheral Nerve System – Lower Extremity – Sensory	1504040	_	
13.12.03.02	5	Peripheral Nerve System – Lower Extremity – Motor	15.04.01.00	5	Corticospinal Tract – One Upper Extremity
			15.04.02.00	5	Corticospinal Tract – Two Upper Extremities
			15.04.03.00	5	Corticospinal Tract – Station/Gait Disorder

	FEC			FEC	
# Impairment	Ran		Impairment#	Rank	<u>Impairment</u>
15.04.04.00	2	Corticospinal Tract – Bladder Impairment	16.06.01.03	1	Thumb – Sensory
15.04.05.00	2	Corticospinal Tract – Anorectal Impairment	16.06.01.04	1	Thumb – Other
15.04.06.00	2	Corticospinal Tract – Sexual Impairment			
15.04.07.00	7	Corticospinal Tract – Respiratory Impairment	16.06.02.01	1	Index – Range of motion
			16.06.02.02	1	Index – Amputation
15.05.01.00	5	Pelvic – Healed Fracture	16.06.02.03	1	Index – Sensory
15.05.02.00	5	Pelvic – Healed Fracture with Displacement	16.06.02.04	1	Index – Other
15.05.03.00	5	Pelvic – Healed Fracture with Deformity			
		·	16.06.03.01	1	Middle – Range of motion
16 – UPPER 1	EXTR	EMITIES	16.06.03.02	1	Middle – Amputation
			16.06.03.03	1	Middle – Sensory
16.01.01.01	5	Arm – Amputation/Deltoid insertion proximally	16.06.03.04	1	Middle – Other
16.01.01.02	5	Arm – Amputation/Bicipital insertion proximally			
16.01.01.03	5	Arm – Amputation/Wrist proximally	16.06.04.01	1	Ring – Range of motion
16.01.01.04	5	Arm – Amputation/All fingers at MP joint proximally	16.06.04.02	1	Ring – Amputation
16.01.02.01	5	Arm – Peripheral neuropathy – Brachial plexus	16.06.04.03	1	Ring – Sensory
16.01.02.02	4	Arm – Peripheral neuropathy –	16.06.04.04	1	Ring – Other
		Entrapment/compression – Carpal tunnel			•
16.01.02.03	5	Arm – Peripheral neuropathy –	16.06.05.01	1	Little – Range of motion
		Entrapment/compression – Other	16.06.05.02	1	Little – Amputation
16.01.02.04	5	Arm – Peripheral neuropathy – CRPS I	16.06.05.03	1	Little – Sensory
16.01.02.05	5	Arm – Peripheral neuropathy – CRPS II	16.06.05.04	1	Little – Other
16.01.03.00	5	Arm – Peripheral vascular			
16.01.04.00	4	Arm – Grip/pinch strength			
16.01.05.00	5	Arm – Other	17 – LOWER	EXTF	REMITIES
16.02.01.00	7	Shoulder – Range of motion	17.01.01.00	5	Leg – Limb Length
16.02.02.00	7	Shoulder – Other	17.01.02.01	5	Leg – Amputation/Knee proximally
10.02.02.00	,	Shoulder Other	17.01.02.01	5	Leg – Amputation/MTP joint proximally
16.03.01.00	2	Elbow/forearm – Range of motion	17.01.03.00	5	Leg – Skin Loss
16.03.02.00	2	Elbow/forearm – Other	17.01.04.00	5	Leg – Peripheral Nerve
10.03.02.00	_	Dio Wildiam Other	17.01.05.00	5	Leg – Vascular
16.04.01.00	4	Wrist – Range of motion	17.01.06.00	5	Leg – Causalgia/RSD
16.04.02.00	4	Wrist – Other	17.01.07.00	5	Leg – Gait Derangement
10.002.00	•		17.01.08.00	5	Leg – Other
16.05.01.00	1	Hand/multiple fingers – Range of motion	17.01.00.00		208 0 0 0 0 0
16.05.02.00	1	Hand/multiple fingers – Amputation	17.02.10.00	5	Pelvis – Diagnosis-based estimate (DBE) – Fracture
16.05.03.00	1	Hand/multiple fingers – Sensory			` '
16.05.04.00	1	Hand/multiple fingers – Other	17.03.01.00	5	Hip – Muscle Atrophy
		· ·	17.03.02.00	5	Hip – Ankylosis
16.06.01.01	1	Thumb – Range of motion	17.03.03.00	5	Hip – Arthritis
16.06.01.02	1	Thumb – Amputation	17.03.04.00	5	Hip – Range of Motion

	FEC			FEC	
# Impairment	Rank		Impairment#		<u>Impairment</u>
17.03.05.00	5	Hip – Muscle Strength	17.07.04.00	2	Ankle – Range of Motion
17.03.06.00	5	Hip – Other	17.07.05.00	2	Ankle – Muscle Strength
		1	17.07.06.00	2	Ankle – Other
17.03.10.01	5	Hip – Diagnosis-based Estimate – Hip/Replacement			
17.03.10.02	5	Hip – Diagnosis-based Estimate – Hip/Femoral Neck Fracture	17.07.10.01	2	Ankle – Diagnosis-based Estimate – Ligament Instability
17.03.10.03	5	Hip – Diagnosis-based Estimate – Hip/Arthroplasty	17.07.10.02	2	Ankle – Diagnosis-based Estimate – Fracture
17.03.10.04	5	Hip – Diagnosis-based Estimate – Trochanteric bursitis			
			17.08.01.00	2	Foot – Muscle Atrophy
17.04.10.00	5	Femur – Diagnosis-based Estimate – Fracture	17.08.02.00	2	Foot – Ankylosis
		· ·	17.08.03.00	2	Foot – Arthritis
17.05.01.00	2	Knee – Muscle Atrophy	17.08.04.00	2	Foot – Range of Motion
17.05.02.00	2	Knee – Ankylosis	17.08.05.00	2	Foot – Muscle Strength
17.05.03.00	2	Knee – Arthritis	17.08.06.00	2	Foot – Other
17.05.04.00	2	Knee – Range of Motion			
17.05.05.00	2	Knee – Muscle Strength	17.08.10.01	2	Foot – Diagnosis-based Estimate – Hind Foot Fracture
17.05.06.00	2	Knee – Other	17.08.10.02	2	Foot – Diagnosis-based Estimate – Loss of Tibia
			17.08.10.03	2	Foot – Diagnosis-based Estimate – Intra-articular
17.05.10.01	2	Knee – Diagnosis-based Estimate –			Fracture
		Subluxation/dislocation	17.08.10.04	2	Foot – Diagnosis-based Estimate – Calvus
17.05.10.02	2	Knee – Diagnosis-based Estimate – Fracture	17.08.10.05	2	Foot – Diagnosis-based Estimate – Rocker Bottom
17.05.10.03	2	Knee – Diagnosis-based Estimate – Patellectomy	17.08.10.06	2	Foot – Diagnosis-based Estimate – Avascular Necrosis
17.05.10.04	2	Knee – Diagnosis-based Estimate – Menisectomy	17.08.10.07	2	Foot – Diagnosis-based Estimate – Metatarsal fracture
17.05.10.05	2	Knee – Diagnosis-based Estimate – Cruciate/collateral			
		Ligament	17.09.01.00	5	Toes – Muscle Atrophy
17.05.10.06	2	Knee – Diagnosis-based Estimate – Plateau Fracture	17.09.02.00	5	Toes – Ankylosis
17.05.10.07	2	Knee – Diagnosis-based Estimate –	17.09.03.00	5	Toes – Arthritis
		Supra/Intercondylar Fracture	17.09.04.00	5	Toes – Range of Motion
17.05.10.08	2	Knee – Diagnosis-based Estimate – Total Replacement	17.09.05.00	5	Toes – Muscle Strength
17.05.10.09	2	Knee – Diagnosis-based Estimate – Proximal Tibial	17.09.06.00	5	Toes – Amputation
		osteotomy	17.09.07.00	5	Toes – Other
17.06.10.00	5	Tibia/fibula – Diagnosis-based Estimate – fracture			
		C	18 – PAIN		
17.07.01.00	2	Ankle – Muscle Atrophy			
17.07.02.00	2	Ankle – Ankylosis	18.00.00.00	Varial	ble Pain – use FEC rank for involved body part.
17.07.03.00	2	Ankle – Arthritis			•

FUTURE EARNING CAPACITY (FEC) ADJUSTMENT TABLE

Directions: To adjust for earning capacity, look up the impairment standard in the top row (bolded numbers), and read down to the entry corresponding to the applicable future earning capacity rank

FEC	AMA Whole Person Impairment Standard																			
Rank	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
One	1	2	3	4	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22
Two	1	2	3	5	6	7	8	9	10	11	13	14	15	16	17	18	19	21	22	23
Three	1	2	4	5	6	7	8	9	11	12	13	14	15	17	18	19	20	21	23	24
Four	1	2	4	5	6	7	9	10	11	12	14	15	16	17	18	20	21	22	23	25
Five	1	3	4	5	6	8	9	10	11	13	14	15	17	18	19	20	22	23	24	25
Six	1	3	4	5	7	8	9	11	12	13	14	16	17	18	20	21	22	24	25	26
Seven	1	3	4	5	7	8	10	11	12	14	15	16	18	19	20	22	23	24	26	27
Eight	1	3	4	6	7	8	10	11	13	14	15	17	18	20	21	22	24	25	27	28

FEC	AMA Whole Person Impairment Standard																			
Rank	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
One	23	24	25	26	28	29	30	31	32	33	34	35	36	37	39	40	41	42	43	44
Two	24	25	26	27	29	30	31	32	33	34	35	37	38	39	40	41	42	43	45	46
Three	25	26	27	28	30	31	32	33	34	36	37	38	39	40	42	43	44	45	46	47
Four	26	27	28	29	31	32	33	34	36	37	38	39	41	42	43	44	45	47	48	49
Five	27	28	29	31	32	33	34	36	37	38	39	41	42	43	45	46	47	48	50	51
Six	28	29	30	32	33	34	35	37	38	39	41	42	43	45	46	47	49	50	51	53
Seven	29	30	31	33	34	35	37	38	39	41	42	43	45	46	48	49	50	52	53	54
Eight	29	31	32	34	35	36	38	39	41	42	43	45	46	48	49	50	52	53	55	56

FEC	I							AMA W	/hole F	erson	Impairr	ment St	tandard	i						
Rank	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
One	45	46	47	48	50	51	52	53	54	55	56	57	58	59	61	62	63	64	65	66
Two	47	48	49	50	51	53	54	55	56	57	58	59	61	62	63	64	65	66	67	69
Three	49	50	51	52	53	55	56	57	58	59	60	62	63	64	65	66	68	69	70	71
Four	50	52	53	54	55	57	58	59	60	61	63	64	65	66	68	69	70	71	72	74
Five	52	53	55	56	57	58	60	61	62	64	65	66	67	69	70	71	72	74	75	76
Six	54	55	57	58	59	60	62	63	64	66	67	68	70	71	72	74	75	76	78	79
Seven	56	57	58	60	61	62	64	65	67	68	69	71	72	73	75	76	77	79	80	81
Eight	57	59	60	62	63	64	66	67	69	70	71	73	74	76	77	78	80	81	83	84
FEC	I							AMA W	/hole F	erson	Impairr	ment St	tandard	i						
Rank	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
One	67	68	69	70	72	73	74	75	76	77	78	79	80	81	83	84	85	86	87	88
Two	70	71	72	73	74	75	77	78	79	80	81	82	83	85	86	87	88	89	90	91
Three	72	74	75	76	77	78	79	81	82	83	84	85	87	88	89	90	91	92	94	95
Four	75	76	77	79	80	81	82	84	85	86	87	88	90	91	92	93	95	96	97	98
Five	78	79	80	81	83	84	85	86	88	89	90	92	93	94	95	97	98	99	100	100
Six	80	81	83	84	85	87	88	89	91	92	93	95	96	97	99	100	100	100	100	100
Seven	83	84	86	87	88	90	91	92	94	95	96	98	99	100	100	100	100	100	100	100
Eight	85	87	88	90	91	92	94	95	97	98	99	100	100	100	100	100	100	100	100	100
FEC	I							AMA W	/hole E) Oreon	Impairr	ment St	tandard	1						
Rank	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
One	89	90	91	92	94	95	96	97	98	99	100	100	100	100	100	100	100	100	100	100
Two	93	94	95	96	97	98	99	100	100	100	100	100	100	100	100	100	100	100	100	100
Three	96	97	98	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Four	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Five	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Six	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Seven	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Eight	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

SECTION 3 - OCCUPATIONS AND GROUP NUMBERS

Section 3 contains two parts. Part A contains an alphabetized list of occupations with their scheduled occupational group numbers. Find the occupation in the alphabetical list and record the associated group number. Note that some occupations may have more than one title and that all variations may not be listed. Also note that some titles may appear more than once, but pertain to different industries. Care should be taken to ensure that the industry designated also matches the occupation under consideration.

Part B contains an occupational group chart which illustrates the overall system for classifying occupations into groups. Part C contains a description and sample occupations of each group. This information may be useful if the occupation cannot be located in Part A. Simply determine the basic functions and activities of the occupation under consideration and relate it to a comparable scheduled occupation to determine the appropriate group number.

After establishing the occupation and group number, turn to Section 4 to determine the occupational variant.

Group	Occupation	Industry	Group	Occupation	Industry
No.			No.		

PART A – LIST OF OCCUPATIONS AND GROUP NUMBERS

111	ABSTRACTOR	profess. & kin.	220	ANESTHESIOLOGIST	medical ser.
110	ACADEMIC DEAN	education	310	ANGIOGRAM TECHNOLOGIST	medical ser.
110	ACCOUNT EXECUTIVE	business ser.	491	ANIMAL KEEPER	amuse. & rec.
111	ACCOUNT INFORMATION CLERK	utilities	390	ANIMAL TRAINER	amuse. & rec.
111	ACCOUNTANT	profess. & kin.	491	ANIMAL RIDE ATTENDANT	amuse. & rec.
111	ACCOUNTANT, PROPERTY	profess. & kin.	210	ANNOUNCER	radio-tv broad.
111	ACCOUNTING CLERK	clerical	460	ANODIZER	any industry
590	ACROBAT	amuse. & rec.	380	ANTENNA INSTALLER	any industry
210	ACTOR	amuse. & rec.	380	ANTENNA INSTALLER, SATELLITE	any industry
310	ACUPRESSURIST	medical ser.		COMMUNICATIONS	
211	ADDRESSING MACHINE OPERATOR	clerical	110	APPEALS REFEREE	government ser.
111	ADMINISTRATIVE ANALYST	any industry	111	APPOINTMENT CLERK	clerical
211	ADMINISTRATIVE CLERK	clerical	212	APPRAISER, ART	any industry
212	ADMINISTRATOR, HEALTH CARE	medical ser.	212	APPRAISER, BUSINESS EQPT.	any industry
	FACILITY		213	APPRAISER, REAL ESTATE	real estate
111	ADMISSIONS EVALUATOR	education	330	ARBOR PRESS OPERATOR	any industry
212	AIR ANALYST	profess. & kin.	370	ARC CUTTER	welding
481	AIR CONDITIONING INSTALLER	construction	212	ARCHITECT	profess. & kin.
	SERV., WINDOW UNIT		111	ARCHIVIST	profess. & kin.
480	AIR HAMMER OPERATOR	construction	320	ARMATURE BANDER	any industry
212	AIR TRAFFIC CONTROL SPECIALIST,	government ser.	350	ARMORED CAR DRIVER	business ser.
	TOWER		390	ARMORED CAR GUARD	business ser.
380	AIRCRAFT BODY REPAIRER	air trans.	111	ART DIRECTOR	motion picture
380	AIRCRAFT BONDED STRUCTURES	aircraft mfg.	221	ARTIFICIAL FLOWER MAKER	button & notion
	REPAIRER	S	220	ARTIFICIAL PLASTIC EYE MAKER	optical goods
460	AIRCRAFT SERVICE WORKER	air trans.	480	ASPHALT RAKER	construction
341	AIRCRAFT SERVICE ATTENDANT	air trans.	351	ASPHALT SURFACE HEATER	construction
380	AIRFRAME AND POWER PLANT	aircraft mfg.		OPERATOR	
	MECHANIC	\mathcal{E}	351	ASPHALT DISTRIBUTOR TENDER	construction
213	AIRLINE TRANSPORTATION AGENT	air trans.	351	ASPHALT PAVING MACHINE	construction
213	AIRPLANE INSPECTOR	air trans.		OPERATOR	
250	AIRPLANE PILOT, COMMERCIAL	air trans.	120	ASSEMBLER	jewelry-silver.
322	AIRPLANE FLIGHT ATTENDANT	air trans.	221	ASSEMBLER	house. appl.
380	ALARM SERVICE TECHNICIAN	business ser.	221	ASSEMBLER, ELECTRIC MOTOR	elec. equip.
111	ALARM SIGNAL OPERATOR	any industry	370	ASSEMBLER, INTERNAL	engine-turbine
560	AMBULANCE ATTENDANT	medical ser.	370	COMBUSTION ENGINE	engine taronic
560	AMBULANCE DRIVER	medical ser.	370	ASSEMBLER, MOTOR VEHICLE	auto. mfg.
340	AMUSEMENT PARK ATTENDANT	amuse. & rec.	221	ASSEMBLER, MUSICAL	musical inst.
			221	INSTRUMENTS	musicai mst.
210	AMUSEMENT PARK ENTERTAINER	amuse. & rec.		IING I IXUIVIEN I G	

Group No.	Occupation	Industry	Group No.	Occupation	Industry
320	ASSEMBLER, OFFICE MACHINES	office machines	322	BAKER	hotel & rest.
221	ASSEMBLER, PRODUCTION	any industry	460	BAKER HELPER	bakery products
120	ASSEMBLER, SEMICONDUCTOR	electron. comp.	420	BAKER	bakery products
221	ASSEMBLER, SMALL PRODUCTS	any industry	322	BAKERY SUPERVISOR	bakery products
380	ASSEMBLER, SUBASSEMBLY	aircraft mfg.	330	BAND-SAWING MACHINE	fabrication, nec
380	ASSEMBLER-INSTALLER, GENERAL	aircraft mfg.		OPERATOR	
590	ATHLETE, PROFESSIONAL	amuse. & rec.	230	BAND SAWMILL OPERATOR	saw. & plan.
390	ATHLETIC TRAINER	amuse. & rec.	211	BANK CLERK	financial
111	ATTENDANCE CLERK	education	290	BARBER	personal ser.
111	AUCTION CLERK	retail trade	330	BARREL ASSEMBLER	wood. container
210	AUCTIONEER	retail trade	460	BARREL FILLER	beverage
212	AUDIO OPERATOR	radio-tv broad.	322	BARTENDER	hotel & rest.
221	AUDIO VIDEO REPAIRER	any industry	221	BASKET MAKER	wood. container
251	AUDIOVISUAL PRODUCTION	profess. & kin.	230	BATCH STILL OPERATOR	chemical
	SPECIALIST		321	BATTERY ASSEMBLER, DRY CELL	elec. equip.
111	AUDIT CLERK	clerical	321	BATTERY REPAIRER	any industry
111	AUDITOR	profess. & kin.	290	BEAUTICIAN	personal ser.
251	AUDITOR, FIELD	profess. & kin.	230	BED LASTER	boot & shoe
330	AUTOCLAVE OPERATOR	aircraft mfg.	491	BEEKEEPER	agriculture
370	AUTOMATED EQUIPMENT	machinery mfg.	360	BELLHOP	hotel & rest.
	INSTALLER		221	BENCH WORKER	optical goods
370	AUTOMOBILE ASSEMBLER	auto. mfg.	330	BENDING MACHINE OPERATOR	any industry
340	AUTOMOBILE DETAILER	automotive ser.	493	BICYCLE MESSENGER	business ser.
111	AUTOMOBILE LOCATOR	retail trade	320	BICYCLE REPAIRER	any industry
321	AUTOMOBILE UPHOLSTERER	automotive ser.	480	BILLBOARD & SIGN ERECTOR	fabrication, nec
340	AUTOMOBILE WASHER & POLISHER	automotive ser.	480	BILLBOARD ERECTOR HELPER	construction
460	AUTOMOBILE WRECKER	wholesale tr.	112	BILLING CLERK	clerical
370	AUTOMOBILE ACCESSORIES	automotive ser.	213	BILLPOSTER	business ser.
	INSTALLER		230	BINDERY WORKER	print. & pub.
370	AUTOMOBILE BODY REPAIRER	automotive ser.	212	BIOCHEMIST	profess. & kin.
214	AUTOMOBILE REPAIR SERVICE	automotive ser.	110	BIOLOGY SPECIMEN TECHNICIAN	profess. & kin.
	ESTIMATOR		320	BIOMEDICAL EQUIPMENT	profess. & kin.
370	AUTOMOBILE SERVICE STATION	automotive ser.		TECHNICIAN	
	MECHANIC		430	BLACKSMITH	forging
321	AUTO PAINTER	any industry	460	BLACKSMITH HELPER	forging
380	AWNING MAKER	tex. prod., nec.	480	BLASTER	mining;
240	BABYSITTER	domestic ser.			construction
460	BAGGAGE HANDLER	r.r. trans.	332	BLENDER	petrol. refin.
212	BAGGAGE SCREENER, AIRPO	air transport.	240	BLIND AIDE	personal ser.
214	BAGGER	retail trade;	330	BLISTER MACHINE OPERATOR	any industry
		groceries	220	BLOCKER AND CUTTER, CONTACT	optical goods
490	BAILIFF	government ser.		LENS	

Group No.	Occupation	Industry	Group No.	Occupation	Industry
221	BLOCKER, HAND	hat & cap	481	BRICKLAYER APPRENTICE	construction
230	BLUEPRINTING MACHINE	any industry	480	BRICKLAYER HELPER	construction
	OPERATOR		482	BRIDGE MAINTENANCE WORKER	construction
380	BOAT REPAIRER	ship-boat mfg.	482	BRIDGE WORKER	construction
380	BOAT RIGGER	retail trade	331	BRIQUETTE MACHINE OPERATOR	fabrication, nec
380	BOATBUILDER, WOOD	ship-boat mfg.	330	BROACHING MACHINE OPERATOR,	machine shop
390	BODYGUARD	personal ser.		PRODUCTION	
332	BOILER OPERATOR	any industry	321	BROOM STITCHER	fabrication, nec
332	BOILER TENDER	any industry	492	BUCKER	logging
430	BOILERMAKER	struct. metal	111	BUDGET ANALYST	government ser.
460	BOILERMAKER HELPER	struct. metal	321	BUFFER	any industry
111	BONDING AGENT	business ser.	230	BUFFING MACHINE TENDER,	any industry
322	BONER, MEAT	meat products		AUTOMATIC	
221	BOOK REPAIRER	any industry	480	BUILDING CLEANER, OUTSIDE	any industry
320	BOOKBINDER	print. & pub.	213	BUILDING INSPECTOR	government ser.
112	BOOKKEEPER	clerical	213	BUILDING INSPECTOR	insurance
112	BOOKKEEPER, GENERAL LEDGER	clerical	380	BUILDING MAINTENANCE REPAIRER	any industry
351	BOOM CONVEYOR OPERATOR	any industry	351	BULLDOZER OPERATOR	any industry
330	BORING MACHINE OPERATOR	woodworking	380	BURGLAR ALARM	business ser.
230	BOTTLE PACKER	beverage		INSTALLER/REPAIRER	
390	BOUNCER	amuse. & rec.	330	BURNING MACHINE OPERATOR	welding
390	BOUNTY HUNTER	business ser.	250	BUS DRIVER	motor trans.
221	BOW MAKER	any industry	322	BUS PERSON	hotel & rest.
493	BOWLER, PROFESSIONAL	amuse. and rec.	110	BUSINESS MANAGER	amuse. & rec.
331	BOWLING BALL MOLDER	toy-sport equip.	111	BUSINESS REPRESENTATIVE, LABOR	profess. & kin.
321	BOX MAKER, PAPERBOARD	any industry	420	UNION	
321	BOX MAKER, WOOD	wood. container	420	BUTCHER, ALL-ROUND	meat products
230	BOX PRINTING MACHINE OPERATOR		322	BUTCHER, MEAT	hotel & rest.
230	BOX BLANK MACHINE OPERATOR	wood. container	240	BUTLER	domestic ser.
460	BOX FOLDING MACHINE OPERATOR	paper goods	460	BUTTERMAKER	dairy products
321	BOX SPRING MAKER	furniture	230	BUTTONHOLE AND BUTTON SEWING	garment
211	BRAILLE OPERATOR	print. & pub.	220	MACHINE OPERATOR	1 1:
111	BRAILLE PROOFREADER	nonprofit org.	320	CABINETMAKER	woodworking
370	BRAKE REPAIRER	automotive ser.	320	CABLE ASSEMBLER AND SWAGER	aircraft mfg.
330	BRAKE PRESS OPERATOR	any industry	350	CABLE CAR OPERATOR	r.r. transportation
330	BRAZING MACHINE OPERATOR	welding	380	CABLE INSTALLER-REPAIRER	utilities
330	BREAD WRAPPING MACHINE	any industry	380	CABLE MAINTAINER	utilities
222	OPERATOR	h	480	CABLE PULLER	construction
332	BREWERY CELLAR WORKER	beverage	380	CABLE SPLICER	construction
331	BRICK AND TILE MAKING MACHINE	brick & tile	481	CABLE TELEVISION INSTALLER	radio-tv broad.
101	OPERATOR DDICKLAVED	construction	380	CABLE TESTER	tel. & tel.
481	BRICKLAYER	construction	120	CAD DESIGNER	profess. & kindred

Additional	Group No.	Occupation	Industry	Group No.	Occupation	Industry
ASO CAGER mine & quarry bakery products bakery		=		330		any industry
221						
20 CALLIGRAPHER profess & kin notion picture 111 CASEWORKER social ser. 220 CAMERA OPERATOR motion picture 111 CASEWORKER social ser. 220 CAMERA REPAIRER photo. appar. 320 CASH REGISTER SERVICER any industry 230 CAST RER industry 230 CAST REPAIRER industry 230 CAST RER industry 230 C				460		paper goods
Addition Camera Operator motion picture photo. appar. 320 Camera Repairer any industry clerical camera						
220 CAMPERA REPAIRER photo. appar. 390 CAMP COUNSELOR amuse. & rec. 391 CAMPGROUND ATTENDANT amuse. & rec. 214 CASHIER. CHECKER retail trade						
340 CAMPGOUNSELOR amuse, & rec. 340 CAMPGROUND ATTENDANT amuse, & rec. 340 CANFERULING AND CLOSING can. & presery. 340 CAN-FILLING AND CLOSING MACHINE TENDER 340 CAN-FILLING AND CLOSING can. & presery. 340 CAN-FILLING AND CLOSING MACHINE OPERATOR meat products smelt. & refin. 340 CASTER 340 CASTER 341 CASHIER-CHECKER 3430 CASTER 3430 CASTER 3431 CASTER 3431 CASTER 3431 CASTER 344 CASHIRER 345 CASTER 345 CASTER 346 CASTER 347 CASTER 348 CASTER 349 CASTING REPAIRER 349 CASTING REPAIRER 340 CASTER 340 CASTERE 341 CASTING REPAIRER 341 CASTER 341 CASTING MACHINE OPERATOR 342 CASTING REPAIRER 343 CASTER 344 CASTER 345 CASTER 346 CASTER 347 CASTER 347 CASTER 348 CALLEBAR 349 CATELLE HERDER 340 CAULKER 340 CAULKER 340 CAULKER 340 CAULKER 341 CASTER 341 CASTING MACHINE 342 CASTING REPAIRER 343 CASTER 344 CASTERE 345 CASTER 346 CASTERE 347 CASTING REPAIRER 348 CAULKER 349 CASTERE 340 CASTERE 340 CASTERE 341 CASTING MACHINE 340 CASTERE 341 CASTING MACHINE 341 CASHIER 342 CASTING REPAIRER 343 CASTER 344 CASTERE 344 CASHIER-CHECKER 348 CALLEBAR 348 CARPENTER 348 CARPENTER 348 CARPENTER 348 CARPENTER 348 CARPENTER 349 CARPENTER 340 CARPENTER 340 CARPENTER 340 CARPENTER 341 CASTER 341 CASTER 342 CASTING REPAIRER 343 CASTER 344 CASTERE 345 CALLOPHANE BAG MACHINE 346 CARPENTER 347 CARPENTER 348 CARPENTER 348 CARPENTER 348 CARPENTER 349 CARPENTER 340 CARPENTER 340 CARPENTER 341 CARPENTER 341 CARPENTER 341 CARPENTER 341 CARPENTER 341 CARPENTER 342 CARPENTER 343 CARPENTER 344 CARPENTER 345 CARPENTER 346 CARPENTER 347 CARPENTER 348 CARPENTER 349 CARPENTER 340 CARPENTER 340 CARPENTER 341 CARPENTER 341 CARPENTER 341 CARPENTER 341 CARPENTER 344 CARPENTER 345 CARPENTER 346 CARPENTER 347 CARPENTER 348 CARPENTER 349 CARPENTER 349 CARPENTER 340 CARPENTER 341 CARPENTER 340 CARPENTER 341 CARPENTER 341 CARPENTER 341 CARPENTER 341 CARPENTER 344 CARPENTER 345 CARPENTER 346 CARPENTER 347 CARPENTER 348 CARPENTER 349 CARPENTER 349 CARPENTER 349 CARPENTER 340 CARPENTER 340 CAR						
CAMPGROUND ATTENDANT amuse. & rec. 214 CASHIBR-CHECKER retail trade meat products smelt. & refin. 230 CASTER smelt. & refin. 221 CANDLEMAKER fabrication, nec 331 CASTER jewelry-silver. 331 CASTER jewelry-silver. 331 CASTER jewelry-silver. 331 CASTER jewelry-silver. 332 CASTING REPAIRER any industry 330 CASTER personal ser. agriculture 222 CATERER personal ser. agriculture 232 CAPLINING MACHINE OPERATOR any industry 330 CELLOPHANE BAG MACHINE paper goods any industry OPERATOR 248 CEMENT MASON CEMENT MASON construction 211 CARD DEALER amusement and rec. 480 CEMENT MASON ELER construction 232 CARDIAD MONITOR TECHNICIAN medical ser. 331 CENTER MACHINE OPERATOR amusement and rec. 480 CEMENT MASON ELER construction 240 CARDIAD MONITOR TECHNICIAN medical ser. 331 CENTER MACHINE OPERATOR any industry 240 CARDIAD MONITOR TECHNICIAN amuse. & rec. 331 CENTER MACHINE OPERATOR any industry 240 CARDIAD MONITOR TECHNICIAN amuse. & rec. 331 CENTER MACHINE OPERATOR any industry 331 CENTER MACHINE OPERATOR any industry 331 CENTER MACHINE OPERATOR construction 230 CENTER MACHINE OPERATOR chemical 340 CEMENTER, ACOUSTICAL any industry 331 CENTER MEDICAL CONSTRUCTION 330 CARPENTER ACOUSTICAL any industry 331 CENTER MACHINE any industry 331 CENTER MACHIN						
CAN-FILLING AND CLOSING Can. & presery. 230 CASING MACHINE OPERATOR meat products smelt. & refin.		CAMP COUNSELOR				
MACHINE TENDER Sample Sam						
221 CANDLEMAKER sugar & conf. 320 CASTING REPAIRER any industry 212 CANER Sugar & conf. 480 CANNERY WORKER, HAND OR 480 CARDINO MACHINE 927 CANER 320 CATERER 927 CONSTRUCTION 928 CAPLAINS MACHINE 928 CATERER 928 AND MACHINE 928 CATERER 928 AND MACHINE 928 CONSTRUCTION 928 CAPLAINS MACHINE 928 CATERER 928 AND MACHINE 928 CONSTRUCTION 928 CAPLAINS MACHINE 928 CAPLAINS MACHINE 928 CONSTRUCTION 928 CAPLAINS MACHINE 928 CAPLAINS MACHINE 928 CONSTRUCTION 928 CAPLAINS MACHINE 928 CAPLAINS	230		can. & preserv.			
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221 CANER Gurniture can. & preserv. 491 CATTLE HERDER agriculture can. & preserv. 491 CATTLE HERDER construction 420 CANVAS REPAIRER any industry 330 CELLOPHANE BAG MACHINE paper goods of CAP-LINING MACHINE OPERATOR any industry oPERATOR 320 CAP-LINING MACHINE OPERATOR any industry elec. equip. 481 CEMENT MASON construction 211 CARD DEALER amusement and rec. 480 CEMENT SPRAYER, NOZZLE construction 460 CARBIDE POWDER PROCESSOR machine shop 480 CEMENT MASON MELPER construction 460 CARBIDE OWNER PROCESSOR machine shop 480 CEMENT MASON MELPER construction 480 CARDIOPULMONARY medical ser. 331 CENTER MACHINE OPERATOR sugar & conf. 212 CARDIOPULMONARY medical ser. 331 CENTER MACHINE OPERATOR sugar & conf. 230 CENTRIFUGAL EXTRACTOR any industry 330 CARPENTER APPRENTICE construction 230 CENTRIFUGAL EXTRACTOR medical ser. 380 CARPENTER APPRENTICE construction 230 CENTRIFUGE OPERATOR, PLASMA PROCESSING CONSTRUCTION 230 CARPENTER, ACOUSTICAL construction 230 CENTRIFUGE SEPARATOR chemical ser. 380 CARPENTER, ACOUSTICAL any industry 331 CEPHALOMETRIC ANALYST medical ser. 380 CARPENTER, MAINTENANCE any industry 331 CEPHALOMETRIC ANALYST medical ser. 380 CARPENTER, MAINTENANCE any industry 331 CEPHALOMETRIC ANALYST medical ser. 380 CARPENTER, ROUGH construction 492 CHAIN SAW OPERATOR logging 380 CARPENTER, SHIP ship-boat mfg. 331 CHAR CONVEYOR TENDER sugar & conf. 481 CARPET LAYER retail trade retail trade 230 CHARGE PREPARATION electron. comp. 481 CARPET LAYER retail trade 230 CHARGE PREPARATION electron. comp. 482 CHASER logging 340 CARPET LAYER HELPER retail trade 240 CARPET LAYER HELPER retail trade 250 CHAUFFEUR any industry business ser. 140 LORGE READ AND CHACKER laundry & rel. 240 CARPET LAYER HELPER retail trade 250 CHAUFFEUR laundry & rel. 240 CARPET LAYER HELPER retail trade 250 CHAUFFEUR laundry & rel. 250 CHAUFFEUR laundry & rel. 25		CANDLEMAKER				
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481 CARPENTER, ROUGH construction 492 CHAIN SAW OPERATOR logging 380 CARPENTER, SHIP ship-boat mfg. 331 CHAR CONVEYOR TENDER sugar & conf. 480 CARPET CUTTER retail trade 230 CHARGE PREPARATION electron. comp. 481 CARPET LAYER retail trade TECHNICIAN 121 CARPET SEWER carpet & rug 492 CHASER logging 230 CARPET WEAVER carpet & rug 250 CHAUFFEUR any industry 480 CARPET LAYER HELPER retail trade 111 CHECK CASHIER business ser. 120 CARTOGRAPHER prof. & kindred 360 CHECKER laundry & rel.	380	CARPENTER, MAINTENANCE	any industry	331	CERAMIC COATER, MACHINE	any industry
380 CARPENTER, SHIP ship-boat mfg. 480 CARPET CUTTER retail trade retail trade 481 CARPET LAYER retail trade 321 CARPET SEWER carpet & rug 230 CARPET WEAVER 321 CARPET WEAVER 320 CARPET WEAVER 321 CARPET LAYER from carpet & rug 320 CARPET LAYER HELPER retail trade 320 CARPET LAYER HELPER 321 CARPET LAYER HELPER 322 CARTOGRAPHER 3331 CHAR CONVEYOR TENDER 331 CHAR CONVEYOR TENDER 320 CHARGE PREPARATION 420 CHASER 420 CHASER 421 CHAR CONVEYOR TENDER 420 CHARGE PREPARATION 421 CHARGE PREPARATION 422 CHASER 423 CHARGE PREPARATION 423 CHARGE PREPARATION 423 CHARGE PREPARATION 424 CHARGE PREPARATION 425 CHARGE PREPARATION 426 CHARGE PREPARATION 427 CHARGE PREPARATION 428 CHARGE PREPARATI	380	CARPENTER, RAILCAR	railroad equip.	460	CHAIN OFFBEARER	saw. & plan.
380 CARPENTER, SHIP ship-boat mfg. 480 CARPET CUTTER retail trade retail trade 481 CARPET LAYER retail trade 321 CARPET SEWER carpet & rug 230 CARPET WEAVER carpet & rug 480 CARPET LAYER HELPER retail trade 120 CARTOGRAPHER 331 CHAR CONVEYOR TENDER sugar & conf. 230 CHARGE PREPARATION electron. comp. 492 CHASER logging 250 CHAUFFEUR any industry 250 CHAUFFEUR business ser. 250 CHECKER laundry & rel.	481	CARPENTER, ROUGH	construction	492	CHAIN SAW OPERATOR	logging
481 CARPET LAYER retail trade TECHNICIAN 321 CARPET SEWER carpet & rug 492 CHASER logging 230 CARPET WEAVER carpet & rug 250 CHAUFFEUR any industry 480 CARPET LAYER HELPER retail trade 111 CHECK CASHIER business ser. 120 CARTOGRAPHER prof. & kindred 360 CHECKER laundry & rel.	380	CARPENTER, SHIP	ship-boat mfg.	331	CHAR CONVEYOR TENDER	sugar & conf.
321CARPET SEWERcarpet & rug492CHASERlogging230CARPET WEAVERcarpet & rug250CHAUFFEURany industry480CARPET LAYER HELPERretail trade111CHECK CASHIERbusiness ser.120CARTOGRAPHERprof. & kindred360CHECKERlaundry & rel.	480	CARPET CUTTER	retail trade	230	CHARGE PREPARATION	electron. comp.
230 CARPET WEAVER carpet & rug 250 CHAUFFEUR any industry 480 CARPET LAYER HELPER retail trade 111 CHECK CASHIER business ser. 120 CARTOGRAPHER prof. & kindred 360 CHECKER laundry & rel.	481	CARPET LAYER	retail trade		TECHNICIAN	-
480 CARPET LAYER HELPER retail trade 111 CHECK CASHIER business ser. 120 CARTOGRAPHER prof. & kindred 360 CHECKER laundry & rel.	321	CARPET SEWER	carpet & rug	492	CHASER	logging
480 CARPET LAYER HELPER retail trade 111 CHECK CASHIER business ser. 120 CARTOGRAPHER prof. & kindred 360 CHECKER laundry & rel.	230	CARPET WEAVER		250	CHAUFFEUR	any industry
120 CARTOGRAPHER prof. & kindred 360 CHECKER laundry & rel.	480	CARPET LAYER HELPER	1 0	111	CHECK CASHIER	
	120	CARTOGRAPHER	prof. & kindred	360	CHECKER	laundry & rel.
			-	214	CHECKER, GROCERY	

Group No.	Occupation	Industry	Group No.	Occupation	Industry
360	CHECKER, UNLOADER	clerical	111	CLERK, ADVERTISING SPACE	print. & pub.
360	CHECKER, WAREHOUSE	retail trade	111	CLERK, ANIMAL HOSPITAL	medical ser.
240	CHECKROOM ATTENDANT	any industry	112	CLERK, BILLING	clerical
322	CHEESE CUTTER	dairy products	111	CLERK, COLLECTION	clerical
322	CHEESEMAKER	dairy products	111	CLERK, CONTRACT, AUTOMOBILE	retail trade
322	CHEF DE FROID	hotel & rest.	111	CLERK, COURT	government ser.
212	CHEMICAL ENGINEER	profess. & kin.	111	CLERK, CREDIT	clerical
212	CHEMICAL LABORATORY	profess. & kin.	111	CLERK, ELECTION	government ser.
	TECHNICIAN		214	CLERK, FILE	clerical
230	CHEMICAL PREPARER	chemical	211	CLERK, GENERAL	clerical
212	CHEMIST	profess. & kin.	211	CLERK, INVENTORY CONTROL	clerical
240	CHILD MONITOR	domestic ser.	214	CLERK, SALES	retail trade
111	CHILD SUPPORT OFFICER	government ser.	360	CLERK, SHIPPING	clerical
340	CHILD-CARE ATTENDANT,	education	112	CLERK, STATISTICAL	clerical
	HANDICAPPED		111	CLERK, WIRE TRANSFER	financial
340	CHILDREN'S INSTITUTION	any industry	112	CLERK-TYPIST	clerical
	ATTENDANT		110	CLINICAL PSYCHOLOGIST	profess. & kin.
341	CHIMNEY SWEEP	any industry	330	CLOTH PRINTER	any industry
460	CHIPPER, ROUGH	any industry	221	CLOTH TESTER, QUALITY	textile
311	CHIROPRACTOR	medical ser.	390	COACH, PROFESSIONAL ATHLETES	amuse. & rec.
311	CHIROPRACTOR ASSISTANT	medical ser.	331	COATER OPERATOR	any industry
460	CHOCOLATE PRODUCTION	sugar & conf.	331	COATING MACHINE OPERATOR	paper & pulp
	MACHINE OPERATOR		320	COBBLER	boot & shoe
560	CHOKE SETTER	logging	322	COFFEEMAKER	hotel & rest.
492	CHOPPER	logging	230	COFFEE ROASTER	food prep., nec
491	CHRISTMAS TREE FARM WORKER	forestry	230	COIL WINDER	elec. equip.
320	CHUCKING LATHE OPERATOR	machine shop	221	COIL WINDER, REPAIR	any industry
330	CIRCULAR SAWYER, STONE	stonework	214	COIN COUNTER AND WRAPPER	clerical
212	CIVIL ENGINEER	profess. & kin.	251	COIN MACHINE COLLECTOR	business ser.
251	CLAIM ADJUSTER, FIELD	insurance; business	370	COIN MACHINE SERVICE REPAIRER	svc. ind. mach.
111	CLADA ADHICTED DICIDE	ser.	111	COLLECTION CLERK	clerical
111	CLAIM ADJUSTER, INSIDE	insurance	251	COLLECTOR, OUTSIDE	clerical
111	CLAIMS CLERK	insurance	230	COLOR PRINTER OPERATOR	photofinishing
221	CLAY MODELER	any industry	111	COLUMNIST/COMMENTATOR	print. & pub.
340	CLEANER, COMMERCIAL OR INSTITUTIONAL	any industry	111	COMMUNITY ORGANIZATION WORKER	social serv.
340	CLEANER, EQUIPMENT	any industry	250	COMMUNITY SERVICE OFFICER,	social serv.
340	CLEANER, HOSPITAL	medical ser.		PATROL	
340	CLEANER, LABORATORY	any industry	240	COMPANION	domestic ser.
	EQUIPMENT		221	COMPOSITOR, TYPESETTER	print. & pub.
341	CLEANER, WINDOW	any industry	230	COMPOUNDER	petrol. refin.
210	CLERGY MEMBER	profess. & kin.	360	COMPRESSED GAS PLANT WORKER	chemical

Group No.	Occupation	Industry	Group No.	Occupation	Industry
332	COMPRESSOR OPERATOR	any industry	330	COREMAKER	paper goods
112	COMPUTER KEYBOARD OPERATOR	clerical	331	COREMAKER, FLOOR	foundry
230	COMPUTER OPERATOR, MAINFRAME	clerical	490	CORRECTION OFFICER	government ser.
111	COMPUTER PROCESSING	clerical	290	COSMETOLOGIST	personal ser.
	SCHEDULER		110	COUNSELOR	profess. & kin.
112	COMPUTER PROGRAMMER	profess. & kin.	390	COUNSELOR, CAMP	amuse. & rec.
320	COMPUTER REPAIRER	office machines	322	COUNTER ATTENDANT, CAFETERIA	hotel & rest.
111	COMPUTER SECURITY SPECIALIST	profess. & kin.	250	COURIER	any industry
320	COMPUTER SET-UP PERSON	business serv.	111	COURT CLERK	government ser.
111	COMPUTER SUPPORT ANALYST	profess. & kin.	112	COURT REPORTER	clerical
351	CONCRETE PAVING MACHINE	construction	491	COWPUNCHER	agriculture
	OPERATOR		360	CRANE FOLLOWER	any industry
480	CONCRETE STONE FINISHER	concrete prod.	360	CRANE HOOKER	any industry
480	CONCRETE VIBRATOR OPERATOR	construction	351	CRANE OPERATOR	any industry
340	CONDUCTOR, ALL RAILS	r.r. trans.	360	CRATE MAKER	any industry
213	CONDUCTOR, PASSENGER CAR	r.r. trans.	111	CREDIT AUTHORIZER	clerical
370	CONSTRUCTION EQUIPMENT	construction	111	CREDIT CLERK	clerical
110	MECHANIC		111	CREDIT COUNSELOR	profess. & kin.
110	CONSULTANT, EDUCATION	education	460	CREMATOR	personal ser.
230	CONTACT LENS MOLDER	optical goods	111	CREW SCHEDULER	air trans.
330	CONTOUR BAND SAW OPERATOR,	machine shop	230	CRIMPING MACHINE OPERATOR	any industry
212	VERTICAL	, ,	330	CROSSBAND LAYER	millwork-plywood
213	CONTRACTOR	construction	460	CRUSHER OPERATOR	concrete prod.
120	CONTROLS DESIGNER	profess. & kin.	112	CRYPTOGRAPHIC MACHINE	clerical
360 360	CONVEYOR FEEDER-OFFBEARER	any industry	220	OPERATOR CRYSTAL CROWER	
360 370	CONVEYOR TENDER	any industry	330 330	CRYSTAL GROWER	comm. equip.
3/0	CONVEYOR MAINTENANCE	any industry	212	CRYSTAL SLICER CURATOR	electron. comp.
360	MECHANIC CONVEYOR SYSTEM OPERATOR	any industry	212	CURRENCY COUNTER	museums financial
322		3	340		any industry
322	COOK COOK	domestic ser. any industry	360	CUSTODIAN CUSTODIAN, ATHLETIC EQUIPMENT	amuse. & rec.
322	COOK ASSISTANT	hotel & rest.	211	CUSTODIAN, PROPERTY	government ser.
322	COOK, CHIEF	hotel & rest.	211	CUSTOMER SERVICE CLERK	retail trade
322	COOK, FAST FOOD	hotel & rest.	213	CUSTOMER SERVICE CLERK CUSTOMER SERVICE	utilities
322	COOK, PASTRY	hotel & rest.	213	REPRESENTATIVE	utilities
322	COOK, SPECIALTY	hotel & rest.	112	CUSTOMER SERVICE	utilities
110	COORDINATOR, SKILL-TRAINING	government ser.	112	REPRESENTATIVE – INSIDE	utilities
110	PROGRAM	government ser.	212	CUSTOMS BROKER	financial
111	COPY READER	print. & pub.	330	CUT-OFF SAW OPERATOR	woodworking
111	COPY WRITER	profess. & kin.	330	CUT-OFF SAW OPERATOR, METAL	machine shop
112	COPYIST	any industry	230	CUTTER	photofinishing
480	CORE DRILL OPERATOR	any industry	330	CUTTER OPERATOR	any industry
	COLE BIGER OF ENGLISH		550	COLLEGE DIGITION	and managery

Group No.	Occupation	Industry	Group No.	Occupation	Industry
230	CUTTER, MACHINE	any industry	330	DIE CUTTER	any industry
230	CUTTING MACHINE OPERATOR,	aircraft mfg.	120	DIE DESIGNER	machine shop
	AUTOMATED		320	DIE MAKER	machine shop
460	CUTTING MACHINE OPERATOR	textile	320	DIE SINKER	machine shop
330	CUTTING MACHINE TENDER	any industry	322	DIETARY AIDE, HOSPITAL SERVICES	medical ser.
460	CYLINDER FILLER	chemical	212	DIETITIAN, CLINICAL	profess. & kin.
460	CYLINDER PRESS FEEDER	print. & pub.	322	DINING ROOM ATTENDANT	hotel & rest.
120	CYTOTECHNOLOGIST	medical ser.	351	DINKEY OPERATOR	any industry
460	DAIRY PROCESSING EQUIPMENT	dairy products	221	DIPPER	jewelry-silver.
	OPERATOR		331	DIPPER	any industry
590	DANCER	amuse. & rec.	110	DIRECTOR, FUNDRAISING	nonprofit org.
111	DATA BASE ADMINISTRATOR	profess. & kin.	110	DIRECTOR, MOTION PICTURE	motion picture
380	DATA COMMUNICATIONS	any industry	212	DIRECTOR, RECREATION CENTER	social ser.
	INSTALLER		110	DIRECTOR, REGULATORY AGENCY	government ser.
112	DATA ENTRY CLERK	clerical	110	DIRECTOR, RESEARCH AND	any industry
221	DECAL APPLIER	any industry		DEVELOPMENT	
491	DECKHAND	water trans., fishing	110	DIRECTOR, SERVICE	retail trade
		& hunt.	210	DIRECTOR, SOCIAL	hotel & rest.
331	DECONTAMINATOR, RADIOACTIVE	any industry	112	DIRECTORY ASSISTANCE OPERATOR	tel. & tel.
	MATERIAL		322	DISHWASHER, HAND OR MACHINE	hotel & rest.
221	DECORATOR	bakery products	111	DISPATCHER, MOTOR VEHICLE	clerical
380	DECORATOR, SPECIAL EVENT	any industry	380	DISPLAY MAKER	fabrication, nec
480	DECORATOR, STREET AND	any industry	330	DISPLAY SCREEN FABRICATOR	electron. comp.
222	BUILDING		360	DISPLAYER, MERCHANDISE	retail trade
322	DELI CUTTER-SLICER	retail trade	460	DISTILLERY WORKER, GENERAL	beverage
250	DELIVERER, CAR RENTAL	automotive ser.	221	DISTRESSER	furniture
250	DELIVERER, FLORAL	retail trade	480	DITCH DIGGER	construction
212	ARRANGEMENTS	1 1 1	492	DIVER	any industry
213	DELIVERER, NON-DRIVING	clerical	230	DIVIDING MACHINE OPERATOR	bakery products
250	DELIVERER, PIZZA	retail trade	111	DOCUMENT PREPARER,	business ser.
212	DEMONSTRATOR	retail trade	401	MICROFILMING	
212 220	DENTAL INCLEMENT	medical ser.	491 401	DOG CATCHER	government ser.
220	DENTAL LA POPA TORY TECHNICIANI	medical ser.	491	DOG GROOMER	personal ser.
220	DENTAL LABORATORY TECHNICIAN	protective dev.	251 560	DOG LICENSER	nonprofit org. radio-tv broad.
	DENTIST DEDUTY COURT	medical ser.		DOLLY PUSHER	
490 480	DEPUTY, COURT	government ser.	390 460	DOUBLE DOUGH DRAKE MACHINE	motion picture
230	DERRICK WORKER, WELL SERVICE	petrol. & gas	460	DOUGH BRAKE MACHINE	bakery products
490	DESIGN PRINTER, BALLOON DETECTIVE	rubber goods government ser.	322	OPERATOR DOUGH MOLDER, HAND	halzaru producta
390 390	DETECTIVE DETECTIVE, STORE	retail trade	322 322	DOUGH MOLDER, HAND DOUGHNUT MAKER	bakery products bakery products
212	DIALYSIS TECHNICIAN	medical ser.	330	DOWEL MACHINE OPERATOR	woodworking
330	DIE CASTING MACHINE OPERATOR		120		profess. & kin.
330	DIE CASTINO MACHINE OPERATOR	foundry	120	DRAFTER, ARCHITECTURAL	profess. & Kill.

Group No.	Occupation	Industry	Group No.	Occupation Inc	ndustry
120	DRAFTER, ASSISTANT	profess. & kin.	221	ELECTRICAL APPLIANCE REPAIRER, any	ny industry
120	DRAFTER, CIVIL	profess. & kin.		SMALL	
120	DRAFTER, ELECTRICAL	profess. & kin.	370	ELECTRICAL APPLIANCE SERVICER any	ny industry
120	DRAFTER, ELECTROMECHANISMS	profess. & kin.	460	ELECTRICAL APPLIANCE UNCRATER any	ny industry
	DESIGN		221	ELECTRICAL INSTRUMENT any	ny industry
120	DRAFTER, LANDSCAPE	profess. & kin.		REPAIRER	
120	DRAFTER, MECHANICAL	profess. & kin.	380		onstruction
351	DRAGLINE OPERATOR	any industry	380	ELECTRICIAN shi	nip-boat mfg.
380	DRAPERY HANGER	retail trade	380	ELECTRICIAN APPRENTICE con	onstruction
110	DRAWINGS CHECKER, ENGINEERING	profess. & kin.	380	ELECTRICIAN HELPER any	ny industry
221	DRESSMAKER	any industry	370		itomotive ser.
230	DRIER OPERATOR	food prep., nec	380	ELECTRICIAN, MAINTENANCE any	ny industry
331	DRIER OPERATOR	chemical	380		ilities
330	DRILL PRESS OPERATOR	machine shop	460	ELECTROLESS PLATER, PRINTED ele	ectron. comp.
330	DRILL PRESS OPERATOR,	machine shop		CIRCUIT BOARD PANELS	
	NUMERICAL CONTROL		290		ersonal ser.
321	DRILLER, HAND	any industry	220		st. & app.
240	DRIVE-IN THEATER ATTENDANT	amuse. & rec.	320	ELECTROMEDICAL EQUIPMENT any	ny industry
251	DRIVER'S LICENSE EXAMINER	government ser.		REPAIRER	
350	DRIVER, NEWSPAPER DELIVERY	wholesale tr.	212		edical ser.
430	DROPHAMMER OPERATOR	aircraft mfg.	221	ELECTRONIC COMPONENT ele	ectron. comp.
430	DRUM STRAIGHTENER	any industry		PROCESSOR	
340	DRY CLEANER	laundry & rel.	221		omm. equip.
331	DRY-PRESS OPERATOR	brick & tile	212		ofess. & kin.
380	DRY WALL APPLICATOR	construction	221		omm. equip.
481	DUCT INSTALLER	construction	212		ofess. & kin.
330	DYNAMITE PACKING MACHINE	chemical	351		onstruction
	OPERATOR		482		onstruction
212	ECHOCARDIOGRAPH TECHNICIAN	medical ser.	380		ny industry
110	EDITOR, MANAGING, NEWSPAPER	print. & pub.	4.50	ADJUSTER	
111	EDITOR, NEWSPAPER	print. & pub.	460		ny industry
111	EDITOR, PUBLICATIONS	print. & pub.	380		ny industry
112	EDITORIAL WRITER	print. & pub.	111		overnment ser.
221	EGG CANDLER	any industry	420		ersonal ser.
380	ELECTRIC METER INSTALLER	utilities	331		ny industry
221	ELECTRIC MOTOR ASSEMBLER	elec. equip.	230		rint. & pub.
320	ELECTRIC MOTOR CONTROL UNIT	elec. equip.	460		edical ser.
	ASSEMBLER		111		rofess. & kin.
320	ELECTRIC SIGN ASSEMBLER	fabrication, nec	111		ofess. & kin.
212	ELECTRICAL ENGINEER	profess. & kin.	320		achine shop
212	ELECTRICAL TECHNICIAN	profess. & kin.	213		rcraft mfg.
			111	ENGINEER, AERONAUTICAL DESIGN air	rcraft mfg.

Group No.	Occupation	Industry	Group No.	Occupation	Industry
212	ENGINEER, AGRICULTURAL	profess. & kin.	213	EXTRA, ACTOR	amuse. & rec.;
212	ENGINEER, AUTOMOTIVE	auto. mfg.		•	motion picture
111	ENGINEER, BIOMEDICAL	profess. & kin.	330	EXTRUDER OPERATOR	rubber goods
212	ENGINEER, CHEMICAL	profess. & kin.	220	EYEGLASS LENS CUTTER	optical goods
212	ENGINEER, CIVIL	profess. & kin.	230	FABRIC STRETCHER	furniture
111	ENGINEER, ELECTRO-OPTICAL	profess. & kin.	320	FABRICATING MACHINE OPERATOR,	any industry
212	ENGINEER, ELECTRONICS DESIGN	profess. & kin.		METAL	
212	ENGINEER, FACTORY LAY-OUT	profess. & kin.	221	FABRICATOR, FOAM RUBBER	any industry
213	ENGINEER, FIELD SERVICE	profess. & kin.	330	FABRICATOR/ASSEMBLER, METAL	any industry
212	ENGINEER, MECHANICAL	profess. & kin.		PRODUCTS	
111	ENGINEER, NUCLEAR	profess. & kin.	210	FACULTY MEMBER, COLLEGE OR	education
111	ENGINEER, PACKAGING	profess. & kin.		UNIVERSITY	
111	ENGINEER, POWER DISTRIBUTION	utilities	492	FALLER	logging
111	ENGINEER, PRODUCT SAFETY	profess. & kin.	492	FALLER, TIMBER	logging
212	ENGINEER, RAILROAD	profess. & kin.	491	FARM LABORER, GENERAL	agriculture
213	ENGINEER, SOILS	profess. & kin.	351	FARM MACHINE OPERATOR	agriculture
320	ENGRAVER, HAND, HARD METALS	engraving	491	FARMER, GENERAL	agriculture
120	ENGRAVER, HAND, SOFT METALS	engraving; jewelry	491	FARMWORKER, FRUIT	agriculture
230	ENGRAVER, MACHINE	engraving	491	FARMWORKER, VEGETABLE	agriculture
213	ENVIRONMENTAL ANALYST	profess. & kin.	120	FASHION ARTIST	retail trade
111	EQUAL OPPORTUNITY	government ser.	251	FASHION COORDINATOR	retail trade
	REPRESENTATIVE		212	FASHION DESIGNER	profess. & kin.
340	EQUIPMENT CLEANER	any industry	322	FAST FOODS WORKER	hotel & rest.
370	EQUIPMENT INSTALLER, VEHICLES	any industry	460	FEEDER	print. & pub.
111	ESCROW OFFICER	profess. & kin.	331	FELTING MACHINE OPERATOR	tex. prod., nec
111	ESTATE PLANNER	insurance	481	FENCE ERECTOR	construction
213	ESTIMATOR/CRUISER	forestry	330	FIBERGLASS LAMINATOR	ship-boat
221	ETCHED CIRCUIT PROCESSOR	electron. comp.			mfg.;vehicles nec.
221	ETCHER	engraving	330	FIBERGLASS MACHINE OPERATOR	glass products
320	ETCHER, HAND	print. & pub.	213	FIELD ENGINEER	radio-tv broad.
370	EVAPORATIVE COOLER INSTALLER	any industry	214	FILE CLERK	clerical
111	EXAMINER	government ser.	221	FILLER	tex. prod., nec
390	EXERCISE PHYSIOLOGIST	medical ser.	230	FILM DEVELOPER	motion picture
491	EXERCISER, HORSE	amuse. & rec.	230	FILM OR VIDEOTAPE EDITOR	motion picture
380	EXHIBIT BUILDER	museums	230	FILM PRINTER	motion picture
111	EXPEDITER	clerical	214	FILM OR TAPE LIBRARIAN	clerical
360	EXPEDITER, MATERIAL	clerical	331	FILTER OPERATOR	any industry
380	EXPERIMENTAL AIRCRAFT	aircraft mfg.	460	FILTER PRESS OPERATOR	any industry
	MECHANIC		320	FINAL ASSEMBLER	office machines
213	EXTERMINATOR	business ser.	110	FINANCIAL PLANNER	profess. & kin.
480	EXTERMINATOR, TERMITE	business ser.	110	FINANCIAL AIDS OFFICER	education
			120	FINGERNAIL FORMER	personal ser.

Group No.	Occupation	Industry	Group No.	Occupation	Industry
490	FIRE FIGHTER	any industry	480	FORM TAMPER	construction
490	FIRE LOOKOUT	forestry	480	FORM TAMPER OPERATOR	construction
490	FIRE RANGER	forestry	320	FORMER, HAND	any industry
320	FIRE EXTINGUISHER REPAIRER	any industry	331	FORMING MACHINE OPERATOR	glass mfg.
490	FIRE INSPECTOR	government serv.	111	FORMS ANALYST	profess. & kin.
332	FIRER, HIGH PRESSURE	any industry	331	FOURDRINIER MACHINE OPERATOR	paper & pulp
320	FIRESETTER	elec. equip.	470	FRAME REPAIRER	furniture
360	FIREWORKS DISPLAY SPECIALIST	any industry	370	FRAME STRAIGHTENER	motor-bicycles
490	FISH AND GAME WARDEN	government ser.	230	FREEZER OPERATOR	dairy products
322	FISH CLEANER	can. & preserv.	491	FRUIT PICKER	agriculture
491	FISH FARMER	fishing & hunt.	360	FRUIT BUYING INSPECTOR	can. & preserv.
491	FISH HATCHERY LABORER	fishing & hunt.	331	FRUIT GRADER OPERATOR	agriculture
492	FISHER, DIVING	fishing & hunt.	332	FUEL ATTENDANT, PLANT	any industry
491	FISHER, LINE	fishing & hunt.	480	FUMIGATOR	business ser.
491	FISHER, NET	fishing & hunt.	212	FUND RAISER	nonprofit org.
481	FITTER	construction, pipe	340	FUNERAL ATTENDANT	personal ser.
		lines	560	FUNERAL CAR CHAUFFEUR	personal ser.
430	FITTER, METAL	any industry	212	FUNERAL DIRECTOR	personal ser.
320	FIXTURE REPAIRER-FABRICATOR	any industry	341	FURNACE CLEANER	any industry
213	FLAGGER, TRAFFIC CONTROL	construction	380	FURNACE INSTALLER AND	any industry;
230	FLATWORK FINISHER	laundry & rel.		REPAIRER, HOT AIR	utilities
322	FLIGHT ATTENDANT	air trans.	321	FURNITURE ASSEMBLER	furniture
212	FLIGHT ENGINEER	air trans.	470	FURNITURE ASSEMBLER/HEAVY	woodworking
211	FLIGHT INFORMATION EXPEDITER	air trans.	360	FURNITURE CRATER	any industry
380	FLOOR LAYER	construction	221	FURNITURE FINISHER	woodworking
480	FLOOR FINISHER HELPER	construction	560	FURNITURE MOVER	motor trans.
221	FLORIST	retail trade	321	FURNITURE UPHOLSTERER	any industry
460	FLOUR BLENDER	grain-feed mills	221	FURRIER	fur goods
230	FOLDER SEAMER, AUTOMATIC	any industry	370	GARAGE SERVICER,	any industry
230	FOLDING MACHINE OPERATOR	print. & pub.	5.00	TRANSPORTATION EQUIPMENT	
330	FOLDING MACHINE OPERATOR	paper goods	560	GARBAGE COLLECTOR, MANUAL	motor trans.
330 322	FOLDING MACHINE OPERATOR	textile	491 221	GARDENER	domestic ser.
322 492	FOOD ASSEMBLER, KITCHEN	hotel & rest.		GARMENT CUTTER, HAND	any industry
492 490	FOREST WORKER FOREST FIRE FIGHTER	forestry	321 332	GARMENT CUTTER, MACHINE GAS COMPRESSOR OPERATOR	any industry
	FORESTER	forestry			any industry
213 491	FORESTER AIDE	profess. & kin.	332 320	GAS ENGINE OPERATOR GAS METER ADJUSTER	any industry utilities
460	FORGE HELPER	forestry	320 212	GAS METER ADJUSTER GATE AGENT	air trans.
430	FORGING PRESS OPERATOR	forging forging	212	GEOLOGIST	profess. & kin.
351	FORKLIFT OPERATOR	any industry	213	GEOLOGIST GIFT WRAPPER	retail trade
481	FORM BUILDER	construction	221	GILDER, METAL LEAF	any industry
480	FORM STRIPPER	construction	230	GINNER GINNER	any muusuy agriculture
400	TOMM STRIFTER	Construction	230	OHNIER	agriculture

Group No.	Occupation	Industry	Group No.	Occupation	Industry
221	GLASS BLOWER, HAND	glass mfg	290	HAIR STYLIST	personal ser.
420	GLASS CUTTER	any industry	211	HAND LABELER	any industry
221	GLASS FINISHER	glass products	380	HANDYPERSON	any industry
370	GLASS INSTALLER	automotive ser.	110	HARBOR MASTER	government ser.
370	GLASS INSTALLER	woodworking	380	HARDWOOD FLOOR LAYER	construction
321	GLASS POLISHER	glass mfg.	320	HARNESS MAKER	leather prod.
380	GLAZIER	construction	230	HAT AND CAP SEWER	hat & cap
330	GLUER	woodworking	110	HAZARDOUS WASTE MANAGEMENT	government ser.
251	GOLF COURSE RANGER	amuse. & rec.		SPECIALIST	
390	GOLF INSTRUCTOR	amuse. & rec.	110	HEARING OFFICER	government ser.
493	GOLFER, PROFESSIONAL	amuse. & rec.	112	HEARING REPORTER	clerical
340	GOLF RANGE ATTENDANT	amuse. & rec.	330	HEAT TREATER	heat treating
360	GRAINER, MACHINE	any industry	430	HEATER	forging
110	GRANT COORDINATOR	profess. & kin.	380	HEATING AND AIR CONDITIONING	construction
230	GRANULATOR OPERATOR	sugar & conf.		INSTALLER-SERVICER	
120	GRAPHIC DESIGNER	profess. & kin.	230	HEMMER, AUTOMATIC	tex. prod., nec
480	GRAVE DIGGER	real estate	420	HIDE PULLER	meat products
340	GREASER	any industry	480	HOD CARRIER	construction
460	GREEN CHAIN OFFBEARER	millwork-plywood	351	HOISTING ENGINEER	any industry
331	GRINDER OPERATOR	grain-feed mills	111	HOLTER SCANNING TECHNICIAN	medical ser.
320	GRINDER OPERATOR, PRECISION	machine shop	340	HOME ATTENDANT	personal ser.
330	GRINDER SET-UP OPERATOR,	machine shop	491	HORSESHOER	agriculture
	CENTERLESS		213	HORTICULTURIST	profess. & kin.
330	GRINDER, BENCH	any industry	111	HOSPITAL ADMITTING CLERK	medical ser.
321	GRINDER, DISK, BELT OR WHEEL	any industry	240	HOST/HOSTESS	any industry
330	GRINDER, TOOL	any industry	211	HOTEL CLERK	hotel & rest.
460	GRINDER-CHIPPER, ROUGH	any industry	470	HOUSEHOLD APPLIANCE INSTALLER	any industry
330	GRINDING MACHINE TENDER	machine shop	340	HOUSEKEEPER, DOMESTIC	domestic ser.; hotel
482	GRIP	amuse. & rec.			& rest.
482	GRIP, PROPERTY HANDLER	motion picture	332	HYDROELECTRIC STATION	utilities
482	GRIP, STAGE CONSTRUCTION	motion picture		OPERATOR	
214	GROCERY CHECKER	retail trade	331	ICE CREAM MAKER	dairy products
230	GROMMET MACHINE OPERATOR	any industry	460	ICE CUTTER	food prep., nec
491	GROOM	any industry	120	ILLUSTRATOR	profess. & kin.
491	GROUNDSKEEPER	any industry	110	IMPORT-EXPORT AGENT	any industry
490	GROUP SUPERVISOR	government ser.	111	INDUSTRIAL ENGINEER	profess. & kin.
490	GUARD, CORRECTIONAL FACILITY	government ser.	213	INDUSTRIAL HYGIENIST	profess. & kin.
240	GUARD, SCHOOL-CROSSING	government ser.	111	INFORMATION CLERK	clerical
590	GUIDE, ALPINE	personal ser.	111	INFORMATION AND REFERRAL AIDE	government ser.
213	GUIDE, ESTABLISHMENT	any industry	230	INJECTION WAX MOLDER	foundry; jewelry-
491	GUIDE, HUNTING AND FISHING	amuse. & rec.			silver.
220	GUNSMITH	any industry			
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Group No.	Occupation	Industry	Group No.	Occupation	Industry
230	INJECTION MOLDING MACHINE TENDER	plastic prod.	120	INTEGRATED CIRCUIT LAYOUT DESIGNER	profess. & kin.
330	INKER	print. & pub.	214	INTERIOR DESIGNER	profess. & kin.
460	INMATE, LABORER	any industry	220	INTERNIST	medical ser.
120	INSPECTOR	jewelry-silver.	210	INTERPRETER	profess. & kin.
221	INSPECTOR	plastic prod.	212	INTERPRETER, DEAF	profess. & kin.
221	INSPECTOR	pharmaceut.	111	INTERVIEWER, EMPLOYMENT	profess. & kin.
213	INSPECTOR, AGRICULTURAL	government ser.	212	INTERVIEWER/SURVEY WORKER	clerical
	COMMODITIES		360	INVENTORY CLERK	clerical
213	INSPECTOR, AIR CARRIER	government ser.	251	INVESTIGATOR	government ser.
213	INSPECTOR, AIRPLANE	air trans.	111	INVESTIGATOR, CREDIT FRAUD	retail trade
221	INSPECTOR, CANNED FOOD	can. & preserv.	251	INVESTIGATOR, INSIDE/OUTSIDE	business ser.
	RECONDITIONING		490	INVESTIGATOR, VICE	government ser.
320	INSPECTOR, EDDY CURRENT	steel & rel.	110	INVESTMENT ANALYST	financial
221	INSPECTOR, ELECTRONICS	comm. equip.	111	INVOICE CONTROL CLERK	clerical
221	INSPECTOR, FABRIC	any industry	491	IRRIGATOR, GRAVITY FLOW	agriculture
251	INSPECTOR, FOOD AND DRUG	government ser.	491	IRRIGATOR, SPRINKLING SYSTEM	agriculture
321	INSPECTOR, FURNITURE	furniture	480	JACKHAMMER OPERATOR	mine & quarry
221	INSPECTOR, GARMENT	any industry	490	JAILER	government ser.
221	INSPECTOR, GLASS	any industry	340	JANITOR	any industry
251	INSPECTOR, HEALTH CARE	government ser.	120	JEWELER	jewelry-silver.
	FACILITIES		320	JIG MAKER	machine shop
120	INSPECTOR, JEWEL	clock & watch	330	JIG-BORING MACHINE OPERATOR,	machine shop
213	INSPECTOR, METAL FABRICATING	any industry		NUMERICAL CONTROL	
221	INSPECTOR, METAL FINISH	any industry	330	JIGSAW OPERATOR	woodworking
221	INSPECTOR, PRINTED CIRCUIT	electron. comp.	212	JOB ANALYST	profess. & kin.
	BOARDS		110	JOB DEVELOPMENT SPECIALIST	profess. & kin.
251	INSPECTOR, QUALITY ASSURANCE	government ser.	320	JOB SETTER, HONING	machine shop
251	INSPECTOR, TRANSPORTATION	motor trans.	590	JOCKEY	amuse. & rec.
213	INSPECTOR, WEIGH STATION	government ser.	380	JOINER	ship-boat mfg.
493	INSTRUCTOR, AEROBICS	amuse. & rec.	330	JOINTER OPERATOR	woodworking
251	INSTRUCTOR, DRIVING	education	110	JUDGE	government ser.
390	INSTRUCTOR, PHYSICAL	education	221	KEY CUTTER	any industry
200	EDUCATION DISTRIBUTION GROUPES	0	230	KICK PRESS OPERATOR	any industry
390	INSTRUCTOR, SPORTS	amuse. & rec.	230	KILN OPERATOR	woodworking
214	INSTRUCTOR, VOCATIONAL	education	360	KILN WORKER	pottery & porc.
220	TRAINING	• •	322	KITCHEN HELPER	hotel & rest.
320	INSTRUMENT REPAIRER	any industry	230	KNITTING MACHINE OPERATOR,	knitting
220	INSTRUMENT MAKER AND	any industry	220	HOSIERY	1 202
200	REPAIRER	, ,.	330	KNITTING MACHINE OPERATOR	knitting
380	INSULATION WORKER	construction	492	KNOT BUMPER	logging
221	INTEGRATED CIRCUIT FABRICATOR	electron. comp.			

Group No.	Occupation Occupation	Industry	Group No.	Occupation	Industry
212	LABORATORY ASSISTANT, BLOOD	medical ser.	340	LAUNDERER, HAND	laundry & rel.
2.40	AND PLASMA		491	LAWN SERVICE WORKER	agriculture
340	LABORATORY EQUIPMENT	any industry	110	LAWYER	profess. & kin.
220	CLEANER		320	LAY-OUT MAKER	sheet metal; any
220	LABORATORY TESTER	any industry	100	I AM OUT TE CID HOLAN	industry
460	LABORER	meat products	120	LAY-OUT TECHNICIAN	optical goods
460	LABORER	pharmaceut.	491	LEAD PONY RIDER, RACETRACK	amuse. & rec.
460	LABORER, CHEMICAL PROCESSING	chemical	221	LEATHER CUTTER	leather prod.
480	LABORER, CONCRETE PAVING	construction	230	LEATHER GARMENT PRESSER	laundry & rel.
480	LABORER, CONCRETE MIXING	construction	320	LEATHER WORKER	leather prod.
	PLANT		110	LEGISLATIVE ASSISTANT	government ser.
480	LABORER, CONSTRUCTION	construction	220	LENS EXAMINER	optical goods
491	LABORER, FARM	agriculture	230	LENS HARDENER	optical goods
360	LABORER, GENERAL	plastic prod.	320	LENS MOUNTER, OPTICAL	optical goods
460	LABORER, GENERAL	machine shop	220	LENS POLISHER, HAND	optical goods
460	LABORER, GENERAL	nonfer. metal	220	LENS FABRICATING MACHINE	optical goods
460	LABORER, GENERAL	steel & rel.		TENDER	
460	LABORER, MILL	woodworking	214	LIBRARIAN	library
460	LABORER, PETROLEUM REFINERY	petrol. refin.	212	LIBRARIAN, CATALOG	library
480	LABORER, ROAD	construction	214	LIBRARY ASSISTANT	library
460	LABORER, SHIPYARD	ship-boat mfg.	211	LICENSE CLERK	government ser.
480	LABORER, WRECKING &	construction	590	LIFEGUARD	amuse. & rec.
	SALVAGING		250	LIGHT RAIL CAR OPERATOR	r.r. trans.
460	LABORER, YARD	paper & pulp	341	LIGHT FIXTURE SERVICER	any industry
331	LACQUERER	plastic prod.	482	LINE INSTALLER-REPAIRER	tel. & tel.; utilities
330	LAMINATING MACHINE FEEDER	wood prod., nec.	341	LINE SERVICE ATTENDANT	air trans.
330	LAMINATING MACHINE OPERATOR	furniture	213	LINE WALKER	petrol. & gas
430	LAMINATING PRESS OPERATOR	plastic prod.	360	LINEN ROOM CLERK	hotel & rest.
330	LAMINATOR	ship-boat	110	LITERARY AGENT	business ser.
		mfg.;vehicles nec.	491	LIVESTOCK YARD ATTENDANT	any industry
213	LAND SURVEYOR	profess. & kin.	460	LOADER/UNLOADER	any industry
491	LANDSCAPE GARDENER	agriculture	110	LOAN OFFICER	financial
370	LASER TECHNICIAN/REPAIRER	electron. comp.	212	LOCATION MANAGER	motion picture
230	LASER BEAM MACHINE OPERATOR	welding	120	LOCK ASSEMBLER	cutlery-hrdwr.
230	LASER BEAM TRIM OPERATOR	electron. comp.	221	LOCKSMITH	any industry
330	LATHE OPERATOR, NUMERICAL	machine shop	250	LOCOMOTIVE ENGINEER	r.r. trans.
	CONTROL		213	LOG SCALER	logging
330	LATHE OPERATOR, SWING-TYPE	woodworking	491	LOG SORTER	logging
330	LATHE OPERATOR, WOOD-TURNING	woodworking	492	LOGGER, ALL-ROUND	logging
460	LATHE SPOTTER	millwork-plywood	351	LOGGING TRACTOR OPERATOR	forestry
330	LATHE TENDER	machine shop	370	LOOM FIXER	narrow fabrics
380	LATHER, METAL OR WOOD	construction	340	LUBRICATION SERVICER	automotive ser.

Group No.	Occupation	Industry	Group No.	Occupation	Industry
320	LUGGAGE REPAIRER	any industry	212	MANAGER, FAST FOOD SERVICES	retail trade
221	LUMBER GRADER	woodworking	110	MANAGER, HOTEL OR MOTEL	hotel & rest.
460	LUMBER HANDLER/STACKER	woodworking	212	MANAGER, HOTEL RECREATIONAL	amuse. & rec.
360	LUMBER SORTER	woodworking		FACILITIES	
350	LUNCH TRUCK DRIVER	hotel & rest.	212	MANAGER, LABOR RELATIONS	profess. & kin.
370	MACHINE ASSEMBLER/BUILDER	machinery mfg.	212	MANAGER, MOBILE HOME PARK	real estate
360	MACHINE FEEDER	any industry	213	MANAGER, NURSERY	agriculture
460	MACHINE FEEDER, RAW STOCK	tex. prod., nec	111	MANAGER, OFFICE	any industry
330	MACHINE MOLDER	foundry	212	MANAGER, PARTS	retail trade
230	MACHINE OPERATOR, ROOFING	build. mat., nec	111	MANAGER, PERSONNEL	profess. & kin.
	MATERIALS		213	MANAGER, PROPERTY	real estate
320	MACHINE SET-UP OPERATOR	machine shop	212	MANAGER, QUALITY CONTROL	profess. & kin.
221	MACHINE TESTER	office machines	212	MANAGER, RETAIL STORE	retail trade
320	MACHINIST	machine shop	212	MANAGER, STAGE	amuse. & rec.
320	MACHINIST, AUTOMOTIVE	automotive ser.	212	MANAGER, THEATER	amuse. & rec.
370	MACHINIST, BENCH	machinery mfg.	110	MANAGER, TRAFFIC	air trans.; any
112	MAGNETIC TAPE COMPOSER	print. & pub.			industry
	OPERATOR		212	MANAGER, VEHICLE LEASING AND	automotive ser.
211	MAIL CLERK	clerical		RENTAL	
230	MAILING MACHINE OPERATOR	print. & pub.	212	MANAGER, WAREHOUSE	any industry
370	MAINTENANCE MACHINIST	machine shop	120	MANICURIST	personal ser.
470	MAINTENANCE MECHANIC	any industry	330	MARBLE POLISHER, MACHINE	stonework
380	MAINTENANCE REPAIRER,	any industry	481	MARBLE SETTER	construction
4-0	BUILDING		480	MARBLE SETTER HELPER	construction
470	MAINTENANCE REPAIRER, INDUS.	any industry	211	MARKER	retail trade
400	MACHINES & PLANTS		111	MARKET RESEARCH ANALYST	profess. & kin.
480	MAINTENANCE WORKER,	government ser.	221	MASKER, PARTS	any industry
211	MUNICIPAL	0	311	MASSEUR/MASSEUSE	personal ser.
311	MAKE-UP ARTIST, BODY	amuse. & rec.	212	MASTER CONTROL OPERATOR	radio-tv broad.
110	MANAGEMENT ANALYST	profess. & kin.	221	MAT CUTTER, PICTURE FRAMES	wood prod., nec
212	MANAGEMENT TRAINEE	any industry	360	MATERIAL EXPEDITER	clerical
212	MANAGER, ADVERTISING AGENCY	business ser.	460	MATERIAL STACKER	any industry
212	MANAGER, APARTMENT HOUSE	real estate	321	MATTRESS MAKER	furniture
213	MANAGER, AUTOMOBILE SERVICE	retail trade	322 322	MEAT CLERK	hotel & rest.
110	STATION MANAGER DENIEUTS	profoss & Irin	322	MEAT CLITTER	retail trade
	MANAGER, BENEFITS	profess. & kin.		MEAT CRINDER	retail trade
110 212	MANAGER, BUS TRANSPORTATION	motor trans.	331 380	MEAT GRINDER	meat products
212	MANAGER, CONVENTION MANAGER CUSTOMER SERVICES	hotel & rest.	370	MECHANIC, AUTOMOBILE	aircraft mfg.
212	MANAGER, CUSTOMER SERVICES	business ser. agriculture	470	MECHANIC, AUTOMOBILE MECHANIC, DIESEL	automotive ser. any industry
110	MANAGER, DAIRY FARM	profess. & kin.	370		any moustry automotive ser.
110	MANAGER, DATA PROCESSING		481	MECHANIC, FRONT-END	utilities
110	MANAGER, DEPARTMENT	any industry	401	MECHANIC, POWERHOUSE	utilities

MECHANIC, RADIATOR any industry 360 MINER mine & quarry mine & qua	Group No.	Occupation	Industry	Group No.	Occupation	Industry
481 MECHANIC, ROKET ENGINE aireraft mfg. 460 MIXER, CONSTRUCTOR paint & varnish brick & tile COMPONENT 470 MECHANIC, SAFE AND VAULT business ser. 480 MIXER, CONCETE CONSTRUCTOR paint & varnish brick & tile construction of MIXER, CONCETE CONSTRUCTOR 470 MIXER, CONCETE CONSTRUCTOR 480 MIXER, CONCETE CONSTRUCTOR	380	MECHANIC, RADAR	any industry	560	MINER	mine & quarry
MECHANIC, ROCKET ENGINE Aircraft mfg. 460 MIXER Dirick & tile		MECHANIC, RADIATOR	automotive ser.	560		mine & quarry
COMPONENT TO MECHANIC, SAFE AND VAULT business ser. 480 MIXER, CONCRETE construction MIXER, DOUGH bakery products bakery pr	481	MECHANIC, REFRIGERATION	svc. ind. mach.	221	MINIATURE SET CONSTRUCTOR	motion picture
MECHANIC, SAFE AND VAULT Susiness ser, MECHANIC, SMALL ENGINE any industry 460 MIXER, DOUGH bakery products	370		aircraft mfg.	460		paint & varnish
MECHANIC, TRACTOR automotive ser. 460 MIXER, BOUGH bakery products						brick & tile
MECHANIC, TRACTOR automotive ser. 460 MIXER, FLOUR bakery products						
MECHANIC, TRANSMISSION automotive ser. 480 MIXER, MORTAR construction 370 MECHANIC, TUNE-UP automotive ser. 4221 MIXER, PAINT (HAND) any industry a			any industry			
MECHANIC, TUNE-UP automotive ser. 221 MIXER, PAINT (HAND) any industry 214 MEDIA SPECIALIST, SCHOOL library 460 MIXER, PAINT (MACHINE) foundry 331 MIXER, SAND (MACHINE) foundry 600 prep., nec 600			automotive ser.			bakery products
MEDIA SPECIALIST, SCHOOL Library 3460 MIXER, PAINT (MACHINE) any industry foundry						
LIBRARY MEDICAL ASSISTANT, OFFICE medical ser. MEDICAL LABORATORY medical ser. MEDICAL LABORATORY medical ser. MEDICAL LABORATORY medical ser. MEDICAL LABORATORY medical ser. MEDICAL COLUMENT REPAIRER protective dev. MEDICAL LABORATORY medical ser. MEDICAL RECORD CLERK medical ser. MILLING MACHINE OPERATOR MODEL MAKER any industry MODEL MAKER any industry MODEL RATISTS any industry MOLD REPAIRER any industry MOLD REPAIRER any industry MOLD REPAIRER aircraft mfg. MOLD REPAIRER microration may industry MOLD REPAIRER microration may industry MOLDER, PATTERN MORGUE ATTERNANT MOTOR-GRADER OPERATOR MOTOR CYCLE PROJECTIONIST any industry MOLD REPAIRER microration may industry MOTOR CYCLE DRIVER, DELLIVERY MOLD REPAIRER microration motor-bicycles retail trade motor-bicycles retail trade motor-bicycles motor-bicycles retail trade motor picture MILLING MACHINE OPERATOR MOTOR CYCLE DRIVER, DELLIVERY MOTOR CYCLE DRIVER, DELLIVERY MOTOR CYCLE DRIVER, DELLIVERY MOTOR CYCLE DRIVER, DELLIVERY MOTOR CYCLE DRIVER, DELIVERY MOTOR CYCLE DRIVER, DELLIVERY MOTOR CYCLE DRIVER, DELLIVE						5
MEDICAL ASSISTANT, OFFICE medical ser. 240 MOBILE HOME ASSEMBLER mfd. bldgs. medical ser. 240 MODEL MAKER any industry any industry any industry medical ser. 321 MOLD REPAIRER any industry medical ser. 321 MOLD AND MODEL MAKER, any industry any industry any industry any industry 330 MOLDER	214		library			
MEDICAL LABORATORY medical ser. 460 MIXING MACHINE OPERATOR any industry 1						
TECHNOLOGIST 470 MEDICAL EQUIPMENT REPAIRER 212 MEDICAL LABORATORY TECHNICIAN 211 MEDICAL RECORD CLERK MELTER 321 MELTER 321 MELTER 332 MESSENGER, NON-DRIVING 122 MODEL, ARTISTS' MODEL, PHOTOGRAPHERS' MODEL ARTISTS' MODEL MAKER MODEL, PHOTOGRAPHERS' MODEL ARTISTS' MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER MODEL MAKER AND INIMISTRY AND MODEL MAKER AND INIMISTRY AND MODEL MAKER AND INIMISTRY AND INIMISTRY MOLD AND MODEL MAKER AND INIMISTRY MOLD AND MODEL MAKER AND INIMISTRY MOLD AND MODEL MAKER AND INIMISTRY AND INIMISTRY MOLD AND MODEL MAKER AND INIMISTRY MOLD AND MOLDER MOLD REALER AND INIMISTRY MOLD AND MOLDER AND INIMISTRY MOLD AND MOLD REALER AND INIMISTRY MOLD AND MOLDER AND INIMISTRY MOLD AND MOLD REALER AND INIMISTRY MOLD AND MOLD						
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			mine & quarry			

Group No.	Occupation	Industry	Group No.	Occupation	Industry
220	MUSICIAN, INSTRUMENTAL	amuse. & rec.	360	ORDER CHECKER	clerical
330	NAILING MACHINE OPERATOR	any industry	111	ORDER CLERK	clerical
111	NAVIGATOR	air trans.	214	ORDER CLERK	clerical
360	NEWS GATHERING TECHNICIAN	radio-tv broad.	214	ORDER FILLER, CATALOG SALES	retail trade
210	NEWSCASTER	radio-tv broad.	460	ORDERLY	medical ser.
330	NIBBLER OPERATOR	any industry	481	ORNAMENTAL IRON WORKER	construction
111	NIGHT AUDITOR	hotel & rest.	120	ORTHODONTIC TECHNICIAN	protective dev.
460	NITROGLYCERIN DISTRIBUTOR	chemical	320	ORTHOTICS TECHNICIAN	protective dev.
310	NUCLEAR MEDICINE	medical ser.	310	ORTHOTIST	medical ser.
	TECHNOLOGIST		331	OVEN TENDER	bakery products
330	NUMERICAL CONTROL MACHINE	machine shop	351	OVERHEAD CRANE OPERATOR	any industry
	OPERATOR		331	OXIDIZED FINISH PLATER	any industry
340	NURSE AIDE	medical ser.	221	OXIDIZER	jewelry-silver.
220	NURSE ANESTHETIST	medical ser.	330	PACKAGE SEALER, MACHINE	any industry
212	NURSE CASE MANAGER	medical ser.	330	PACKAGER, MACHINE	any industry
311	NURSE, GENERAL DUTY	medical ser.	360	PACKER, AGRICULTURAL PRODUCE	agriculture
311	NURSE, LICENSED VOCATIONAL	medical ser.	360	PACKER, HAND	any industry
311	NURSE, PRIVATE DUTY	medical ser.	380	PAINTER	construction
212	NURSE, SCHOOL	medical ser.	480	PAINTER HELPER	construction
311	NURSE-MIDWIFE	medical ser.	221	PAINTER, AIRBRUSH	any industry
460	NUT ROASTER	can. & preserv.	482	PAINTER, BRIDGE, STRUCTURAL	construction
212	OCCUPATIONAL ANALYST	profess. & kin.		STEEL	
311	OCCUPATIONAL THERAPIST	medical ser.	321	PAINTER, BRUSH	any industry
340	OCCUPATIONAL THERAPY AIDE	medical ser.	120	PAINTER, HAND, DECORATIVE	any industry
213	OCCUPATIONAL SAFETY AND	government ser.	380	PAINTER, SIGN	any industry
	HEALTH INSPECTOR		321	PAINTER, SPRAY GUN	any industry
211	OFFICE CLERK, GENERAL	clerical	321	PAINTER, TOUCH-UP	any industry
320	OFFICE MACHINE SERVICER	any industry	350	PAINTER, TRAFFIC LINE	construction
330	OFFSET PRESS HELPER	print. & pub.	380	PAINTER, TRANSPORTATION	aircraft mfg.
230	OFFSET DUPLICATING MACHINE	clerical	220	EQUIPMENT	
220	OPERATOR		230	PALLETIZER OPERATOR,	any industry
230	OFFSET PRESS OPERATOR	print. & pub.	220	AUTOMATIC	•
480	OIL WELL DRILLER	petrol. & gas	230	PAPER CUTTER, MACHINE	beverage
340	OILER	any industry	460	PAPER-BALING MACHINE TENDER	any industry
332	OPERATING ENGINEER	any industry	331	PAPER-MAKING MACHINE	paper & pulp
332	OPERATING ENGINEER,	any industry	460	OPERATOR PAPERCUTTING MACHINE	naint franch
111	REFRIGERATION ODTICAL ENGINEER	profess & kin	400		print. & pub.
111 220	OPTICAL ENGINEER	profess. & kin.	380	OPERATOR PAPERHANGER	construction
220	OPTICIAN, DISPENSING OPTICIAN, LENS GRINDER	optical goods optical goods	321	PARACHUTE RIGGER	
220		medical ser.	211		air trans. profess. & kin.
491	OPCHARD SDRAVED HAND		490	PARALEGAL DADAMEDIC	medical ser.
471	ORCHARD SPRAYER, HAND	agriculture	490	PARAMEDIC	medicai sei.

Group No.	Occupation	Industry	Group No.	Occupation	Industry
211	PARIMUTUEL TICKET SELLER	amuse. & rec.	221	PIANO TUNER	any industry
490	PARK RANGER	government ser.	491	PICKER, FRUIT	agriculture
250	PARKING ENFORCEMENT OFFICER	government ser.	330	PICKING MACHINE OPERATOR	any industry
240	PARKING LOT ATTENDANT, BOOTH	automotive serv.	221	PICTURE FRAMER	retail trade
214	PARKING LOT ATTENDANT	automotive ser.	351	PILE-DRIVER OPERATOR	construction
490	PAROLE OFFICER	profess. & kin.	370	PINSETTER ADJUSTER, AUTOMATIC	toy-sport equip.
214	PARTS CLERK	clerical	380	PINSETTER MECHANIC, AUTOMATIC	any industry
214	PARTS ORDER AND STOCK CLERK	clerical	380	PIPE COVERER AND INSULATOR	ship-boat mfg.
460	PASTEURIZER	dairy products	481	PIPE FITTER	construction
250	PATROL OFFICER, VOLUNTEER	government serv.	480	PIPE LAYER	construction
230	PATTERN-PUNCHING MACHINE	tex. prod., nec	481	PIPE FITTER HELPER	construction
	OPERATOR		480	PIPE LAYER HELPER	construction
320	PATTERNMAKER, ALL-AROUND	foundry	380	PIPE ORGAN TUNER AND REPAIRER	any industry
320	PATTERNMAKER, METAL	foundry	480	PIPELINER	pipe lines
320	PATTERNMAKER, WOOD	foundry	214	PIT BOSS/FLOOR PERSON	amusement & rec.
221	PEELER, HAND	can. & preserv.	330	PLANER OPERATOR	woodworking
230	PEELER, MACHINE	can. & preserv.	430	PLANER OPERATOR, METAL	machine shop
320	PERCUSSION INSTRUMENT	any industry		CASTINGS	
	REPAIRER		212	PLANT ENGINEER	profess. & kin.
310	PERFUSIONIST	medical ser.	321	PLASTER MAKER	nonmet. min.
390	PERSONAL TRAINER	amuse. & rec.	320	PLASTER MOLDER	foundry
111	PERSONNEL RECORDS CLERK	clerical	420	PLASTER DIE MAKER	pottery & porc.
111	PERSONNEL RECRUITER	profess. & kin.	380	PLASTERER	construction
220	PHARMACIST	medical ser.	480	PLASTERER HELPER	construction
220	PHLEBOTOMIST	medical ser.	230	PLATEN PRESS FEEDER	print. & pub.
211	PHOTOCOPYING MACHINE	clerical	230	PLATEN PRESS OPERATOR	print. & pub.
	OPERATOR		330	PLATER	electroplating
221 221	PHOTOENGRAVER PHOTOFINISHING LABORATORY	print. & pub. photofinishing	460	PLATER, ELECTROLESS, PRINTED CIRCUIT BOARDS	electron. comp.
	WORKER		460	PLATER, HOT DIP	galvanizing
213	PHOTOGRAPHER	amuse. & rec.	460	PLATER, PRINTED CIRCUIT BOARD	electron. comp.
212	PHOTOGRAPHER, STILL	profess. & kin.		PANELS	
221	PHOTOGRAPHIC PLATE MAKER	electron. comp.	221	PLATER, SEMICONDUCTOR WAFERS	electron. comp.
213	PHOTOJOURNALIST	print. & pub.		& COMPONENTS	
230	PHOTOTYPESETTER OPERATOR	print. & pub.	230	PLEATING MACHINE OPERATOR	any industry
310	PHYSIATRIST	medical ser.	481	PLUMBER	construction
311	PHYSICAL THERAPIST	medical ser.	481	PLUMBER APPRENTICE	construction
340	PHYSICAL THERAPY AIDE	medical ser.	481	PLUMBER HELPER	construction
212	PHYSICIAN ASSISTANT	medical ser.	370	PNEUMATIC TOOL REPAIRER	any industry
220	PHYSICIAN, GENERAL	medical ser.	380	PNEUMATIC TUBE REPAIRER	any industry
	PRACTITIONER		220	PODIATRIST	medical ser.
320	PIANO TECHNICIAN	any industry	251	POLICE ARTIST	government ser.

Group No.	Occupation	Industry	Group No.	Occupation	Industry
490	POLICE CAPTAIN	government ser.	111	PROOFREADER, PRODUCTION	print. & pub.
111	POLICE CLERK	government ser.	380	PROP MAKER	amuse. & rec.
490	POLICE OFFICER	government ser.	320	PROSTHETICS TECHNICIAN	protective dev.
490	POLICE OFFICER, STATE HIGHWAY	government ser.	310	PROSTHETIST	medical ser.
120	POLISHER, EYEGLASS FRAMES	optical goods	311	PSYCHIATRIC TECHNICIAN	medical ser.
321	POLISHER/BUFFER	any industry	340	PSYCHIATRIC WARD ATTENDANT	medical ser.
330	POLISHING MACHINE OPERATOR	any industry	110	PSYCHOLOGIST, CLINICAL	profess. & kin.
212	POLYGRAPH EXAMINER	profess. & kin.	110	PSYCHOLOGIST, COUNSELING	profess. & kin.
360	PORTER	air trans.	110	PUBLIC HEALTH SERVICE OFFICER	government ser.
360	PORTER, BAGGAGE	hotel & rest.	380	PUBLIC ADDRESS SETTER-UP &	any industry
330	POTTERY MACHINE OPERATOR	pottery & porc.		SERVICER	
322	POULTRY DRESSER	agriculture	111	PUBLIC RELATIONS	profess. & kin.
430	POWER BRAKE OPERATOR	any industry		REPRESENTATIVE	
230	POWER BARKER OPERATOR	paper & pulp	212	PULMONARY FUNCTION	medical ser.
332	POWER PLANT OPERATOR	utilities		TECHNICIAN	
330	POWER PRESS TENDER	any industry	470	PUMP INSTALLER	any industry
332	POWER REACTOR OPERATOR	utilities	370	PUMP SERVICER	any industry
351	POWER SHOVEL OPERATOR	any industry	330	PUMP MACHINE OPERATOR	any industry
481	POWERHOUSE MECHANIC	utilities	332	PUMP STATION OPERATOR,	waterworks
370	PRECISION ASSEMBLER & REPAIRER	aircraft mfg.	•••	WATERWORKS	
320	PRECISION ASSEMBLER, BENCH	aircraft mfg.	330	PUNCH PRESS OPERATOR	any industry
110	PRESIDENT	any industry	430	PUNCH PRESS OPERATOR,	any industry
230	PRESS OPERATOR	laundry & rel.	251	AUTOMATIC	c 0.1:
330	PRESS OPERATOR, CYLINDER	print. and pub.	251	PURCHASING AGENT	profess. & kin.
430	PRESS OPERATOR, HEAVY DUTY	any industry	111	PURSER	water trans.
331	PRESS OPERATOR, MEAT	meat products	321	PUTTY GLAZER, POTTERY	any industry
230	PRESS OPERATOR, OFFSET	print. & pub.	221	QUALITY ASSURANCE MONITOR	auto. mfg.
330 321	PRESS OPERATOR, ROTOGRAVURE	print. & pub.	212	QUALITY CONTROL TECHNICIAN	profess. & kin.
221	PRESSER, ALL-AROUND	laundry & rel. any industry	480 120	QUARRY WORKER QUICK SKETCH ARTIST	mine & quarry
321	PRESSER, HAND		221		amuse. & rec.
230	PRESSER, MACHINE PRINT DEVELOPER, AUTOMATIC	any industry photofinishing	330	RACKET STRINGER RADIAL ARM SAW OPERATOR	toy-sport equip. woodworking
230	PRINTED CIRCUIT BOARD	comm. equip.	320	RADIAL DRILL PRESS SETUP	machine shop
221	ASSEMBLER, HAND	comm. equip.	310	RADIATION THERAPY	medical ser.
120	PRINTED CIRCUIT DESIGNER	profess. & kin.	310	TECHNOLOGIST	medicai sei.
320	PRINTER, JOB	print. & pub.	212	RADIOGRAPHER, INDUSTRIAL	any industry
390	PROBATION OFFICER	profess. & kin.	310	RADIOLOGIC TECHNOLOGIST	medical ser.
251	PROCESS SERVER	business ser.	380	RADIOLOGICAL EQUIPMENT	inst. & app.
360	PRODUCE CLERK, RETAIL	retail trade	500	SPECIALIST	шы. ₩ арр.
212	PRODUCER	radio-ty broad.	212	RADIOTELEPHONE OPERATOR	any industry
212	PROMPTER	amuse. & rec.	481	RAILROAD CAR BUILDER	railroad equip.
211	PROOFREADER	print. & pub.	481	RAILWAY CAR REPAIRER	railroad equip.
		print. & pao.	.01		raniouu equip.

Group No.	Occupation	Industry	Group No.	Occupation	Industry
460	RAMP ATTENDANT	air trans.	481	RIGGER/SLINGER	any industry
111	RATER	insurance	330	RIPSAW OPERATOR	woodworking
251	REAL ESTATE AGENT	profess. & kin.	230	RIVET AND BOLT MAKER	any industry
321	REAMER, HAND	machine shop	330	RIVETER, HYDRAULIC	any industry
330	REAMING MACHINE TENDER	nonfer. metal	481	RIVETER, PNEUMATIC	any industry
111	RECEPTIONIST	clerical	330	RIVETING MACHINE OPERATOR,	aircraft mfg.
212	RECORDING ENGINEER	radio-tv broad.		AUTOMATIC	C
360	RECORDING STUDIO SET-UP	recording	330	RIVETING MACHINE OPERATOR	any industry
	WORKER	_	351	ROAD ROLLER OPERATOR	construction
230	RECORDIST	motion picture	330	ROBOTIC MACHINE OPERATOR	aircraft mfg.
214	RECREATION AIDE	social ser.	470	ROBOTICS SERVICE TECHNICIAN	machinery mfg.
310	RECREATIONAL THERAPIST	medical ser.	351	ROCK DRILL OPERATOR	construction
111	RECRUITER, PERSONNEL	profess. & kin.	560	ROLL TENDER/SETTER	print. & pub.
111	REGISTRATION CLERK	government ser.	330	ROLLER MACHINE OPERATOR	metal prod., nec
212	REHABILITATION CENTER	government ser.	230	ROLLING MILL ATTENDANT	steel & rel.
	MANAGER		380	ROOFER	construction
481	REINFORCING IRON WORKER	construction	480	ROOFER HELPER	construction
221	REPAIRER	furniture	322	ROOM SERVICE CLERK	hotel & rest.
220	REPAIRER, ART OBJECTS	any industry	480	ROTARY DRILLER	petrol. & gas
320	REPAIRER, OFFICE MACHINES	any industry	480	ROTARY DRILLER HELPER	petrol. & gas
320	REPAIRER, SALVAGED PARTS	any industry	230	ROUGHER, BAR MILL	steel & rel.
320	REPAIRER, SMALL APPLIANCE	house. appl.	480	ROUGHNECK	petrol. & gas
320	REPAIRER, WIND INSTRUMENT	any industry	480	ROUSTABOUT	petrol. & gas
220	REPAIRER/ADJUSTER	office machines	211	ROUTER	clerical
251	REPORTER	print. & pub.	330	ROUTER OPERATOR	any industry
110	REPORTS ANALYST	profess. & kin.	330	ROUTER OPERATOR	woodworking
213	REPOSSESSOR	clerical	460	RUBBER CUTTER	rubber goods
460	RESAW OPERATOR	woodworking	230	RUBBER MILL OPERATOR	plastic-synth.
111	RESEARCHER	profess. & kin.	340	RUG CLEANER, HAND OR MACHINE	laundry & rel.
111	RESERVATION CLERK	clerical	321	RUG REPAIRER	laundry & rel.
111	RESERVATIONS AGENT	air trans.	420	SADDLE MAKER	leather prod.
311	RESPIRATORY THERAPIST	medical ser.	212	SAFETY ENGINEER	profess. & kin.
340	RESPIRATORY THERAPY AIDE	medical ser.	212	SAFETY MANAGER	profess. & kin.
240	REST ROOM ATTENDANT	any industry	380	SAIL MAKER	ship-boat mfg.
380	RESTORATION TECHNICIAN	museums	322	SALAD MAKER	water trans.
214	RETAIL CLERK	retail trade	212	SALES AGENT, INSURANCE	insurance
111	REVIEWER, FINAL APPLICATION	insurance	214	SALES CLERK	retail trade
330	REWINDER OPERATOR	paper goods	251	SALES REP, FARM, GARDEN EQPT. &	wholesale tr.
230	RICE GRADER	grain-feed mills		SUPPLIES	
240	RIDE OPERATOR	amuse. & rec.	212	SALES REP, ADVERTISING	print. & pub.
482	RIGGER	ship-boat mfg.	251	SALES REP, COMPUTERS AND EDP	wholesale tr.
482	RIGGER, HIGH	amuse. & rec.		SYSTEMS	

Group No.	Occupation	Industry	Group No.	Occupation	Industry
212	SALES REP, DATA PROCESSING	business ser.	321	SCULPTOR	stonework
	SERVICES		112	SECRETARY	clerical
251	SALES REP, DOOR-TO-DOOR	retail trade	112	SECRETARY, LEGAL	clerical
212	SALES REP, FINANCIAL SERVICES	financial	112	SECRETARY, MEDICAL	medical ser.
251	SALES REP, LIVESTOCK	wholesale tr.	112	SECRETARY, SOCIAL	clerical
251	SALES REP, OFFICE MACHINES	retail trade	212	SECURITY GUARD, GATE	any industry
251	SALES REP, RECREATION, SPORTING	wholesale tr.	213	SECURITY GUARD, PLANT	any industry
	GOODS		390	SECURITY OFFICER	any industry
251	SALES REP, SECURITY SYSTEMS	business ser.	230	SEED PELLETER	agriculture
212	SALES REP, UPHOLSTERY,	retail trade	212	SEISMOLOGIST	profess. & kin.
	FURNITURE REPAIR		330	SEMICONDUCTOR PROCESSOR	electron. comp.
251	SALES REP, WOMEN'S AND GIRLS'	wholesale tr.	380	SEPTIC TANK INSTALLER	construction
	APPAREL		480	SEPTIC TANK SERVICER	construction
251	SALESPERSON, AUTOMOBILES	retail trade	214	SERVICE MANAGER	automotive ser.
214	SALESPERSON, GENERAL	retail trade	213	SERVICE REPRESENTATIVE	utilities
	MERCHANDISE		340	SERVICE STATION ATTENDANT	automotive ser.
214	SALESPERSON, PARTS	retail trade	213	SET DESIGNER	motion picture
214	SALESPERSON, SHOES	retail trade	320	SETTER, AUTOMATIC SPINNING	any industry
430	SALVAGE CUTTER	welding		LATHE	
480	SANDBLASTER	any industry	360	SET-UP PERSON, TRADE SHOW	retail trade
330	SANDER, MACHINE	woodworking	480	SEWAGE DISPOSAL WORKER	sanitary ser.
322	SANDWICH MAKER	hotel & rest.	221	SEWER, HAND	any industry
331	SAUSAGE MAKER	meat products	480	SEWER LINE REPAIRER	sanitary ser.
331	SAUSAGE STUFFER	meat products	341	SEWER PIPE CLEANER	business ser.
321	SAW BLADE FILER	any industry	230	SEWING MACHINE OPERATOR	tex. prod., nec
360	SAWMILL WORKER	saw. & plan.	370	SEWING MACHINE REPAIRER	any industry
330	SAWYER	plastic prod.;	330	SHAPER OPERATOR	woodworking
		plastic-synth.	330	SHAPING MACHINE OPERATOR	machine shop
230	SAWYER, CIRCULAR HEAD	saw. & plan.	430	SHEAR OPERATOR	any industry
230	SAWYER, CORK SLABS	wood prod., nec	370	SHEETMETAL MECHANIC	any industry
330	SAWYER, TRIMMER	saw. & plan.	320	SHEETMETAL FABRICATING	any industry
111	SCHEDULER	clerical		MACHINE OPERATOR	
212	SCHOOL PRINCIPAL	education	491	SHELLFISH GROWER	fishing & hunt.
111	SCOREBOARD OPERATOR	amuse. & rec.	490	SHERIFF, DEPUTY	government ser.
251	SCOUT, PROFESSIONAL SPORTS	amuse. & rec.	481	SHIPFITTER	ship-boat mfg.
460	SCRAP HANDLER	any industry	480	SHIPFITTER HELPER	ship-boat mfg.
320	SCREEN MAKER, PHOTOGRAPHIC	any industry	360	SHIPPING AND RECEIVING CLERK	clerical
	PROCESS	-	214	SHIPPING CHECKER	clerical
221	SCREEN MAKER, WALLPAPER	paper goods	380	SHIPWRIGHT	ship-boat mfg.
330	SCREW MACHINE OPERATOR,	machine shop	221	SHOE REPAIRER	personal ser.
	MULTIPLE SPINDLE		214	SHOP ESTIMATOR	automotive ser.
330	SCROLL MACHINE OPERATOR	struct. metal	210	SHOW HOST/HOSTESS	radio-tv broad.

Group No.	Occupation	Industry	Group No.	Occupation	Industry
250	SHUTTLE BUS DRIVER	any industry	430	SPINNER, HYDRAULIC	any industry
380	SIDER	construction	330	SPINNING LATHE OPERATOR	any industry
341	SIGN POSTER	any industry	221	SPORTS EQUIPMENT REPAIRER	any industry
120	SIGN WRITER, HAND	any industry	221	SPOT CLEANER	laundry & rel.
221	SILK SCREEN ETCHER	engraving	111	SPOTTER, PHOTOGRAPHIC	photofinishing
221	SILK SCREEN PRINTER	any industry	330	SPRAY PAINTING MACHINE	any industry
221	SILK SCREEN FRAME ASSEMBLER	any industry		OPERATOR	
220	SILVERSMITH	jewelry-silver.	460	SPREADER MACHINE, CLOTH	textile
210	SINGER	amuse. & rec.	491	STABLE ATTENDANT	any industry
493	SKI INSTRUCTOR	amuse. & rec.	230	STAMPING PRESS OPERATOR	any industry
240	SKI LIFT OPERATOR	amuse. & rec.	390	STAND-IN	motion picture
590	SKI PATROLLER	amuse. & rec.	330	STAPLING MACHINE OPERATOR	any industry
221	SKI REPAIRER, PRODUCTION	toy-sport equip.	380	STATION INSTALLER AND REPAIRER	tel. & tel.
420	SKINNER	meat products	332	STATIONARY ENGINEER	any industry
480	SKIP TENDER	mine & quarry	111	STATISTICIAN, APPLIED	profess. & kin.
111	SKIP TRACER	clerical	340	STEAM CLEANER	automotive ser.
460	SLASHER TENDER	textile	482	STEEL ERECTOR	construction
230	SLICING MACHINE OPERATOR	bakery products	380	STEEL PLATE CAULKER	any industry
460	SLITTING MACHINE OPERATOR	any industry	482	STEEPLE JACK	construction
	HELPER		112	STENOCAPTIONER	radio-tv broad.
331	SLURRY BLENDER	cement	112	STENOGRAPHER	clerical
370	SMOG TECHNICIAN	automotive ser.	112	STENOTYPE OPERATOR	clerical
590	SMOKE JUMPER	forestry	330	STEREOTYPE CASTER & MOLDER	print. & pub.
351	SNOWPLOW OPERATOR	government ser.	230	STERILIZER	medical ser.
230	SOAP MAKER	soap & rel.	351	STEVEDORE	water trans.
111	SOCIAL WORKER	social ser.	230	STILL TENDER	any industry
111	SOFTWARE ENGINEER	profess. & kin.	230	STITCHER, STANDARD MACHINE	boot & shoe
213	SOIL CONSERVATIONIST	profess. & kin.	230	STITCHER, WIRE, SADDLE AND SIDE	print. & pub.
481	SOLAR ENERGY SYSTEM INSTALLER	any industry	214	STOCK CLERK	clerical
470	SOLAR FABRICATION TECHNICIAN	machine shop	360	STOCK CLERK	clerical
120	SOLDERER	jewelry-silver.	360	STOCK CLERK	retail trade
111 221	SORTER ACRICHITURAL PRODUCE	clerical	214 321	STOCK CLERK, AUTOMOTIVE EQPT.	clerical
221	SORTER, AGRICULTURAL PRODUCE	agriculture		STONE CARVER	stonework
214	SORTER, REMNANT SORTER-PRICER	textile	480 220	STONE DRILLER STONE SETTER	stonework
214	SOUND MIXER	nonprofit org.	480	STONE SELLER STONE SPLITTER OPERATOR	jewelry-silver. stonework
212	SOUND MIZER SOUND EFFECTS TECHNICIAN	motion picture radio-ty broad.	321		
322	SOUS CHEF		330	STONECUTTER, HAND STONECUTTER, MACHINE	stonework
490	SPECIAL AGENT	hotel & rest.	380	STONEGOTTER, MACHINE STONEMASON	stonework construction
390 390	SPECIAL AGENT SPECIAL POLICEMAN	government ser. any industry	120	STONER	jewelry-silver.
212	SPECIAL POLICEMAN SPEECH PATHOLOGIST	profess. & kin.	470	STOVE REFINISHER	any industry
331	SPINNER	sugar & conf.	321	STRAIGHTENER, HAND	any industry
331	OI IIVIVEIX	sugai & com.	341	STRAIGHTENER, HAND	any muusuy

Group No.	Occupation	Industry	Group No.	Occupation	Industry
330	STRAIGHTENING PRESS OPERATOR	any industry	230	TACKING MACHINE OPERATOR	any industry
330	STRANDING MACHINE OPERATOR	elec. equip.	221	TAILOR, ALTERATION	garment
460	STRAPPING MACHINE OPERATOR	wood. container	221	TAILOR, CUSTOM	garment
340	STREET CLEANER/SWEEPER,	government ser.	460	TANK CLEANER	any industry
	MANUAL		380	TAPER	construction
380	STREET LIGHT SERVICER	utilities	120	TAPER, PRINTED CIRCUIT LAYOUT	electron. comp.
351	STREET SWEEPER OPERATOR	government ser.	330	TAPPING MACHINE TENDER	nut & bolt
111	STRESS ANALYST	aircraft mfg.	111	TAX CLERK	clerical
212	STRESS TEST TECHNICIAN	medical ser.	111	TAX PREPARER	business ser.
230	STRETCHING MACHINE TENDER,	leather mfg.	250	TAXI DRIVER	motor trans.
	FRAME		311	TAXIDERMIST	profess. & kin.
221	STRIPER & LETTERER, HAND,	any industry	214	TEACHER AIDE	education
	MOTORCYCLES		212	TEACHER, ADULT EDUCATION	education
331	STRIPPER-ETCHER, PRINTED	electron. comp.	214	TEACHER, ELEMENTARY SCHOOL	education
	CIRCUIT BOARDS		214	TEACHER, INDUSTRIAL ARTS	education
482	STRUCTURAL STEEL WORKER	construction	214	TEACHER, LEARNING DISABLED	education
482	STRUCTURAL STEEL WORKER	construction	214	TEACHER, MUSIC	education
	HELPER		390	TEACHER, PHYSICAL EDUCATION	education
380	STUCCO MASON	construction	214	TEACHER, PHYSICALLY IMPAIRED	education
590	STUNT PERFORMER	amuse. & rec.	214	TEACHER,	education
320	SUBASSEMBLER	machinery mfg.		PRESCHOOL/KINDERGARTEN	
332	SUBSTATION OPERATOR	utilities	212	TEACHER, SECONDARY SCHOOL	education
250	SUBWAY CAR OPERATOR	r.r. trans.	214	TEACHER, VOCATIONAL TRAINING	education
332	SUPERCALENDER OPERATOR	paper & pulp	120	TECHNICAL ILLUSTRATOR	profess. & kin.
212	SUPERINTENDENT, BUILDING	any industry	112	TELEGRAPH OPERATOR	clerical
213	SUPERINTENDENT, CONSTRUCTION	construction	112	TELEPHONE OPERATOR	clerical
212	SUPERINTENDENT, PLANT PROTECTION	any industry	112	TELEPHONE ANSWERING SERVICE OPERATOR	business ser.
360	SUPPLY CLERK	clerical	350	TELEPHONE DIRECTORY DELIVERER	business ser.
220	SURGEON	medical ser.	111	TELEVISION CONSOLE MONITOR	radio-tv broad.
230	SURGICAL DRESSING MAKER, MACHINE	protective dev.	380	TELEVISION RECEIVER/ANTENNA INSTALLER	any industry
212	SURGICAL TECHNICIAN	medical ser.	470	TELEVISION TECHNICIAN	radio-tv broad.
213	SURVEYOR	surveying/carto-	320	TELEVISION AND RADIO REPAIRER	any industry
		graphic	211	TELLER	financial
360	SURVEYOR HELPER	any industry	214	TELLER, VAULT	financial
340	SWIMMING POOL SERVICER	any industry	320	TEMPLATE MAKER	any industry
111	SWITCHBOARD OPERATOR, POLICE	government ser.	380	TERRAZZO INSTALLER	construction
	DISTRICT		480	TERRAZZO INSTALLER HELPER	construction
331	SYRUP MAKER	beverage	220	TEST TECH, SEMICONDUCTOR	electron. comp.
111	SYSTEMS ANALYST	profess. & kin.		PROCESSING EQUIPMENT	1
111	SYSTEMS PROGRAMMER	profess. & kin.	320	TESTER, NONDESTRUCTIVE	profess. & kin.

Group No.	Occupation	Industry	Group No.	Occupation	Industry
212	TESTING MACHINE OPERATOR,	profess. & kin.	212	TOXICOLOGIST	pharmaceut.
	METAL		221	TOY ASSEMBLER	toy-sport equip.
370	THERMAL CUTTER, HAND	welding	351	TRACTOR OPERATOR	any industry
330	THERMAL CUTTING-MACHINE	welding	351	TRACTOR CRANE OPERATOR	any industry
	OPERATOR		111	TRAFFIC CLERK	business ser.
320	THERMOSTAT REPAIRER	inst. & app.	212	TRAFFIC ENGINEER	government ser.
221	THREAD CUTTER, HAND OR	any industry	490	TRAFFIC OFFICER	government ser.
220	MACHINE THREADNIC MACHINE OPERATOR	1	111	TRAIN DISPATCHER	r.r. trans.
330	THREADING MACHINE OPERATOR	machine shop	112	TRANSCRIBING MACHINE	clerical
321	THROWER	pottery & porc.	270	OPERATOR	
212 213	TICKET AGENT	any industry	370	TRANSFORMER ASSEMBLER	elec. equip.
213	TICKET INSPECTOR,	r.r. transportation	111	TRANSLATOR, DOCUMENTS	profess. & kin.
230	TRANSPORTATION TICKET PRINTER	one industry	492 491	TREE CUTTER	agriculture
240	TICKET PRINTER TICKET TAKER	any industry amuse. & rec.	482	TREE PRUNER, LOW LEVEL/BUCKET TREE SURGEON	agriculture agriculture
330	TILE MAKER	brick & tile	482	TREE TRIMMER	tel. & tel.
380	TILE MAKER TILE SETTER	construction	230	TRIMMER, MACHINE	
480	TILE SETTER TILE SETTER HELPER	construction	322	TRIMMER, MACHINE TRIMMER, MEAT	garment meat products
330	TIMBER-SIZER OPERATOR	saw. & plan.	221	TROPHY ASSEMBLER	jewelry-silver.
212	TIME AND MOTION STUDY	profess. & kin.	350	TRUCK DRIVER	any industry
212	ANALYST	profess. & km.	350	TRUCK DRIVER, CONCRETE MIXING	construction
321	TIRE BUILDER, AUTOMOBILE	rubber tire	350	TRUCK DRIVER, DUMP TRUCK	any industry
460	TIRE CHANGER	automotive ser.	350	TRUCK DRIVER, GARBAGE	motor trans.
460	TIRE MOLDER	rubber tire	350	TRUCK DRIVER, LOGS	logging
321	TIRE RECAPPER	automotive ser.	351	TRUCK DRIVER, ROAD OILING	construction
460	TIRE REPAIRER	automotive ser.	350	TRUCK DRIVER, SALES ROUTE	retail trade
420	TIRE TRIMMER, HAND	rubber tire	350	TRUCK DRIVER, TANK TRUCK	petrol. refin.
211	TITLE SEARCHER	real estate	350	TRUCK DRIVER, TOW TRUCK	automotive ser.
211	TOLL COLLECTOR	government ser.	350	TRUCK DRIVER, TRACTOR-TRAILER	any industry
220	TOOL DESIGNER	profess. & kin.	460	TRUCK LOADER	any industry
330	TOOL DRESSER	any industry	460	TRUCK DRIVER HELPER	any industry
320	TOOL MAKER	machine shop	380	TRUSS BUILDER, CONSTRUCTION	construction
320	TOOL MAKER, BENCH	machine shop	320	TUBE ASSEMBLER, CATHODE RAY	electron. comp.
120	TOOL PROGRAMMER, NUMERICAL	electron. comp.	221	TUBE BENDER, HAND	any industry
	CONTROL	_	341	TUBE CLEANER	any industry
360	TOOL AND EQUIPMENT RENTAL	business ser.	330	TUBULAR FURNITURE MAKER	any industry
	CLERK		111	TUMOR REGISTRAR	medical ser.
360	TOOL CRIB ATTENDANT	clerical	332	TURBINE ATTENDANT	utilities
430	TORCH STRAIGHTENER AND	any industry	332	TURBINE OPERATOR	utilities
	HEATER		330	TURRET LATHE OPERATOR	machine shop
221	TOUCH-UP PAINTER, HAND	any industry	212	TUTOR	education
482	TOWER ERECTOR	construction	221	TYPESETTER/COMPOSITOR	print. & pub.

Group No.	Occupation	Industry	Group No.	Occupation	Industry
230	TYPESETTING MACHINE TENDER	print. & pub.	380	WATER METER INSTALLER	waterworks
112	TYPIST	clerical	332	WATER PUMP TENDER	any industry
212 214	ULTRASOUND TECHNOLOGIST UMPIRE	medical ser. amuse. & rec.	460	WATER SOFTENER SERVICER AND INSTALLER	business ser.
110 321	UNDERWRITER, MORTGAGE LOAN UPHOLSTERY REPAIRER	financial furniture	332	WATER TREATMENT PLANT OPERATOR	waterworks
110	URBAN PLANNER	profess. & kin.	481	WAYSMAN	ship-boat mfg.
370	USED CAR RENOVATOR	retail trade	230	WEAVER, TEXTILE	nonmet. min.
240	USHER	amuse. & rec.	330	WEB PRESS OPERATOR HELPER,	print. & pub.
330	UTILITY OPERATOR	saw. & plan.		OFFSET	1 1
320	VACUUM CLEANER REPAIRER	any industry	330	WEB PRESS OPERATOR	print. & pub.
351	VACUUM CLEANER OPERATOR,	any industry	360	WEIGHER, PRODUCTION	any industry
250	INDUSTRIAL VALET, PARKING	automotive serv.	214	WEIGHER, SHIPPING AND RECEIVING	clerical
330	VARIETY SAW OPERATOR	woodworking	240	WEIGHT REDUCTION SPECIALIST	personal services
112	VARITYPE OPERATOR	clerical	460	WELDER HELPER	welding
214	VAULT CASHIER	business ser.	430	WELDER, ARC	welding
213	VENDOR	amuse. & rec.	370	WELDER, COMBINATION	welding
340	VENETIAN BLIND CLEANER AND	any industry	370	WELDER, GAS	welding
2.0	REPAIRER		370	WELDER, GUN	welding
311	VETERINARIAN	medical ser.	370	WELDER, PRODUCTION LINE	welding
311	VETERINARIAN, LABORATORY	medical ser.	430	WELDER, TACK	welding
	ANIMAL CARE		380	WELDER-FITTER	welding
311	VETERINARY TECHNICIAN	medical ser.	330	WELDING MACHINE OPERATOR,	welding
212	VIDEOTAPE OPERATOR, STUDIO	radio-tv broad.		ARC	8
110	VOCATIONAL REHABILITATION	government ser.	480	WELL DIGGER	construction
	CONSULTANT		480	WELL PULLER	petrol. & gas
212	VOICE PATHOLOGIST	profess. & kin.	480	WELL DRILL OPERATOR	construction
221	WAFER FAB OPERATOR	electron. comp.	480	WELL DRILL OPERATOR HELPER	construction
322	WAITER/WAITRESS	hotel & rest.	320	WHEEL LACER AND TRUER	motor-bicycles
480	WALLPAPER REMOVER, STEAM	construction	482	WIND GENERATING ELECTRIC	construction
360	WAREHOUSE WORKER	any industry		POWER INSTALLER	
331	WASHER, MACHINE	any industry	482	WIND TURBINE TECHNICIAN	construction;
340	WASHER, MACHINE	laundry & rel.			utilities
460	WASHING MACHINE LOADER AND	laundry & rel.	330	WINDER	paper goods
	PULLER		460	WINDER OPERATOR, FLOOR	fabrication
460	WASTE DISPOSAL ATTENDANT,	any industry		COVERINGS	
-	RADIOACTIVE	, ,	230	WINDER, MAGNETIC TAPE	recording
332	WASTE TREATMENT OPERATOR	chemical	330	WINDER, YARN	tex. prod., nec
332	WASTEWATER TREATMENT PLANT	sanitary ser.	330	WINDING-MACHINE OPERATOR,	textile
	OPERATOR			CLOTH	
220	WATCH REPAIRER	clock & watch	341	WINDOW CLEANER	any industry

Group No.	Occupation	Industry	Group No.	Occupation
110.			110.	
380	WINDOW REPAIRER	any industry		
213	WINE MAKER	beverage		
240	WINE STEWARD/STEWARDESS	hotel & rest.		
332	WINERY WORKER	beverage		
221	WIRE HARNESS ASSEMBLER	elec. equip.		
330	WIRE DRAWING MACHINE TENDER	nonfer. metal		
230	WIRE WRAPPING MACHINE	electron. comp.		
	OPERATOR	•		
330	WOOD-CARVING MACHINE	woodworking		
	OPERATOR			
321	WOOL AND PELT GRADER	meat products		
112	WORD PROCESSING MACHINE	clerical		
	OPERATOR			
330	WRAPPING MACHINE OPERATOR	any industry		
480	WRECKER, CONSTRUCTION	construction		
112	WRITER, PROSE, FICTION AND	profess. & kin.		
	NONFICTION			
112	WRITER, TECHNICAL PUBLICATIONS	profess. & kin.		
212	XRAY OPERATOR, INDUSTRIAL	any industry		
310	XRAY TECHNOLOGIST	medical ser.		
460	YARD ATTENDANT, BUILDING	retail trade		
	MATERIALS			
351	YARDER OPERATOR,	logging		
	FIXED/PORTABLE	-		

Industry

PART B - OCCUPATIONAL GROUP CHART

			S	TRENGTH DESIGNAT	ΓOR	
	OCCUPATION DESIGNATOR	1 Very Light	2 Light	3 Medium	4 Heavy	5 Very Heavy
1	Professional, Technical, Clerical	110, 111, 112 Case worker Auditor Editor	210, 211, 212, 213, 214 Adm. clerk Bank clerk Clerk, general	310, 311 Physical therapist Chiropractor Psych. tech.		
2	Hand Intensive	120 Drafter, civil Cartoonist Assemb/semi-cond.	220, 221 Dentist Microelect. tech. Surgeon	320, 321, 322 Die maker Meter repair Precision assem.	420 Butcher Saddle maker Hide puller	
3	Machine Operators, Tenders		Coil winder Cutter, machine Palletizer oper.	330, 331, 332 Bend. mach. Oper. Cut-off sawyer Laminating mach.	430 Boiler maker Metal fabricator Welder-arc	
4	Cleaners, Attendants		240 Child monitor Restroom attend. Ticket taker	340, 341 Auto washer Janitor Nurse's aide		
5	Drivers		250, 251 Coin-mach. collector Bus driver	350, 351 Truckdriver/ Tractor-trailer Truckdriver/ dump		
6	Laborers, Material Handlers			360 Warehouse worker Crate maker Material expediter	460 Baker's helper Material stacker Ramp attendant	560 Ambul. Attendant Furniture mover Miner
7	Mechanics, Installers, Repairers, Servicers			370 Mechanic-tractor Precision assemb. Welder, gas	470 Mechanic-diesel Furn. assemb/heavy TV tech.	

	OCCUPATION DESIGNATOR	1 Very Light	2 Light	3 Medium	4 Heavy	5 Very Heavy
8	Construction Workers			380 Electrician Carpenter-Const Handy person	480, 481, 482 Bricklayer Carpenter/ Rough Millwright	
9	Miscellaneous		290 Beautician Barber Cosmetologist	390 Security officer Counselor, camp	490, 491, 492, 493 Farm laborer Gardener Log sorter	590 Athlete Jockey Dancer

PART C – OCCUPATIONAL GROUP CHARACTERISTICS

Group	110	a .		Typical occupations: Billing Clerk, Grip	E
	Professional Occupations	Spine Shoulder	C C	Computer Keyboard Operator, Leg Secretary Psych	C I
	Troisensial computation	Elbow	Ď	20010000	-
	Some use of keyboards but less than	Wrist	D	Group 120	
	112 or 112; greater standing and	Finger motion.	F		
	walking demands than 112 and 120.	Grip	D	Most Technical Occupations Spine	D
		Leg	D	Shoulder	E
	Typical occupations: Lawyer, Loan	Psych	J	Precision work requiring skill and Elbow	G
	Officer, Urban Planner			dexterity; use of hand tools; more Wrist	Н
				sitting than 110 and 111. Finger motion	Н
				Grip	F
Group	111			Typical occupations: Electrical Leg	C
		Spine	C	drafter, Illustrator, Jeweler Psych	1
	Professional and Clerical Occupations	Shoulder	D	Group 210	
		Elbow	F	G10up 210	
	Substantial use of keyboards; greater	Wrist	G	Mostly Professional Occupations Spine	D
	demands for standing and walking	Finger motion	G	Shoulder	C
	than 112 and 120.	Grip	E	Extensive speech and hearing; Elbow	D
	Typical accumational Accountant	Leg	D	standing and sitting; may require Wrist	D
	Typical occupations: Accountant, Claims Clerk, Reservations Agent	Psych	I	driving to business locations; other Finger motion	E
	Ciamis Cierk, Reservations Agent			physical demands at the lower end of Grip	C
				the light category.	E
				Psych	I
				Typical occupations: Actor,	
Group	0 112			Announcer. Clergy member	
	Mostly Clerical Occupations	Spine	D		
	J	Shoulder	D		
	Highest demand for use of keyboard;	Elbow	G		
	prolonged sitting.	Wrist	Н		
		Finger motion	I		
		•			

Grouj	211			Typical occupations: Airplane Inspector, Meter Reader, Property
	Mostly Clerical Occupations	Spine Shoulder	D D	Manager
	Emphasis on frequent fingering, handling, and possibly some keyboard work; spine and leg demands similar	Elbow Wrist Finger motion	F G G	Group 214 Clerical (physically active) Spine F
	to 210.	Grip Leg	E E	Occupations; Educators, & Retail Shoulder F Sales Occupations Elbow F
	Typical occupations: Bank clerk, Inventory clerk, License clerk	Psych	Н	Very high demand for speech, hearing Finger motion G
Grouj	212			and vision; high demand for fingering Grip F and handling; spine and leg demands Leg F at highest level for 200 series. Psych I
	Mostly Professional and Medical Occupations	Spine Shoulder Elbow	E E E	Typical occupations: Auto Shop Estimator, Elementary School
	Work predominantly performed indoors, but may require driving to	Wrist Finger motion	F F	Teacher, Retail Sales Clerk
	locations of business; less use of hands than 211; slightly higher demands on spine than 210 & 211.	Grip Leg Psych	Е Е J	Group 220 Fine precision Occupations in Spine E
	Typical occupations: Chemist,	13,011	·	medical, electronic and optical Shoulder F industries Elbow G
	Dialysis Technician, Secondary School Teacher			Very high demands for vision; high demands for hand activity – use of Grip F
Group				hand tools; highest variants in this Leg E strength category for fingering and Psych J
	Mostly Professional Occupations	Spine Shoulder	F E	arm Disabilities.
	Work performed indoors and outdoors; occasional climbing and uneven ground required, therefore spine and legs have slightly higher variants for this strength level.	Elbow Wrist Finger motion Grip Leg Psych	E E F E F I	Typical occupations: Dental Hygienist, Instrument Maker & Repairer, Surgeon

Group	221

Group	221			Parking Lot Attendant, booth, Weight Reduction Specialist
Group	Light Assembly Occupations, Food Preparation Occupations Vision important; repetitive fingering and use of hand tools; similar to 220 for all parts of body except for wrist and finger motion which is one variant lower. Typical occupations: Assembler, small products Inspector, electronics Produce Sorter	Spine Shoulder Elbow Wrist Finger motion Grip Leg Psych	E F G G F E F	Public Transportation Drivers & Spine Elbow Coperates light automotive equipment over public thoroughfares; vision, hearing and other head disabilities important; highest variants for spine and leg activities in 200 series (along with 213 & 214); grip demands similar to 251.
	Machine Operator and Tenders Average demands for this strength level on spine and legs; hand activities are most significant. Typical occupations: Bottle Packer, Circular Saw Operator' Offset Press Operator	Spine Shoulder Elbow Wrist Finger motion Grip Leg Psych	E F F G G E F	Typical occupations: Parking Enforcement Officer, Subway Car Operator, Taxi Driver Group 251 Outside Sales, Inspectors, & Business Spine Agents (performing extensive driving to reach business locations) Elbow F
Group	Mostly Attendants (providing services) Minimal hand activities; low on arm activities; average for 200 series on spine and legs. Typical occupations: Host/Hostess,	Spine Shoulder Elbow Wrist Finger motion Grip Leg Psych	E D E E D E G	Wrist Finger motion Finger motion Finger motion Grip Finger motion Finge

	Typical occupations: Food & Drug Inspector, Real Estate Agent. Sales,			Group 311	
	Rep. sporting goods			Mostly Medical Occupations Spine Shoulder F	G F
Group	Personal Attendants Vision important; cosmetic appearance important; arms variants at high end for 200 series.	Spine Shoulder Elbow Wrist Finger motion Grip	E G G H G	Medical treatments performed result in higher spine demands; head Wrist Grip Finger motion Grip Finger Masseur/Masseuse Nurse – LVN, Psychiatric Technician	G G G F F
	Typical occupations: Hair Stylist	Leg Psych	E H	Group 320	
Grou	p 310	j		Assemblers Spine F Shoulder F	F
	Medical Occupations Low end of 300 series for most parts of body; head disabilities, including speech, hearing, PTHS are highest in 300 series. Typical occupations: Acupressurist, MRI Technologist, X-ray Technologist	Spine Shoulder Elbow Wrist Finger motion Grip Leg Psych	F F F F F I	tools; highest arm variants for the 320 Wrist I series; lower end variants for 300 Finger motion Series for spine & leg (same as 321 & Grip I Series. Typical occupations: Machinist, Office Machine Servicer, Television & Radio Repairer	H H
				Group 321	
				requirements less than 320 – arm Wrist Finger motion C	F G H G F

	Assembler, Garment Cutter, machine Painter, spray gun			Observation and control of machinery; occasional stooping wrist required; mechanical adjustments performed; variants similar to 332. Typical occupations: Coating Psych Machine Op, Mixing Machine Op, food prep; Washer, machine	F F F F
Group	p 322			Group 332	
	Food Preparation and Service Occupations Least precise work in 320 series – arm variants the lowest; spine & legs same as 320 & 321 Typical occupations: Airline Flight Attendant, Cook, Waiter/Waitress	Spine Shoulder Elbow Wrist Finger motion Grip Leg Psych	F G G G F G	Observation of Large Stationary Equipment Shoulder Elbow Work performed in a plant or other large facility, some mechanical adjustments of machinery performed lowest variants for 300 series for most parts of body. Spine Shoulder Elbow Wrist Finger motion Grip Leg Psych	F F E F F G
Grouj	p 330			Typical occupations: Brewery Cellar Worker, Power Reactor Operator, Stationary Engineer	
	Press Operators, Sawyers, etc.	Spine Shoulder	F F	Group 340	
Group	Most demanding on arms of machine operations series (330s); spine and legs at lower end for 300 series, & same as 331 & 322. Typical occupations: Blister Machine Operator, Power Press Tender, Tubular Furniture Maker	Elbow Wrist Finger motion Grip Leg Psych	G F G G F F	Mostly Cleaners Work involves cleaning equipment and/or buildings; operation of cleaning devices, some lifting, some climbing, lowest variants for head disabilities of 300 series; lower end of 300 series for arms; highest demands are for spine & leg activities Spine Shoulder Elbow Wrist Finger motion Grip Leg Psych	G F G F F G D
	Machine Tending & Processing	Spine Shoulder	F F	Typical occupations: Auto Washer & Polisher, Janitor, Nurse Aide	

Group 351

Group 341			Heavy Equipment Operators Spine Shoulder Operates heavy construction equipment at work sites; arm demands at lower end of 300 series; Finger m spine & leg demands at higher end of 300 series. Spine Shoulder Elbow Wrist Grip Grip Leg Psych	H G
Cleaners (working at high levels) Work generally performed at high levels – higher end of 300 series for spine & legs; average demands on	Spine Shoulder Elbow Wrist Finger motion	G G F F	Typical occupations: Crane Operator, Forklift Operator, Snowplow Operator Group 360	
arms. Typical occupations: Aircraft Service Attendant, Sign Poster, Window Cleaner Group 350 Truck Drivers Operate heavy vehicle over public thoroughfares; may do some loading of materials, may tie down loads, may hook up hoses, etc., and performs	Grip Leg Psych Spine Shoulder Elbow Wrist Finger motion Grip	G G F H F G	Porters, Packers Spine Shoulder Significant lifting and carrying required; significant walking required; may occasionally climb at low levels; variants are "G" for most parts of body; head disabilities are mostly "F" or lower. Typical occupations: Clerk, Shipping; Conveyor Tender; Warehouse worker Group 370	G F
related duties; head disabilities highest in 300 series. Typical occupations: Armored Car Driver, Lunch Truck Driver, Truck Driver	Leg Psych	G H	Mechanical Assembly, Installation, Repairers Shoulder Elbow Mechanical work on automobiles, machinery and other equipment, requiring a combination of some skill and significant physical effort; highest variants in 300 series for arm Spine Shoulder Elbow Grip Leg Psych	I J

and head disabilities			Group 420
Typical occupations: Automobile Accessories Installer; Mechanic, automobile; Welder, Combination			Meat Processing + Spine H Shoulder G Heavy demands placed on arms; spine demand similar to most in 400 series; Wrist I leg demands lowest in 400 series. Finger motion G Grip H
Group 380			Typical occupations: Baker, Butcher, Leg G Glass Cutter Psych F
Skilled Construction Work Work requires construction of buildings or large structure; strenuous demands on arms, legs & spine result	Spine Shoulder Elbow Wrist Finger motion	H H I J H	Group 430 Machine-assisted Metal Shaping Spine H Shoulder H
in highest variants in 300 series; significant climbing required. Typical occupations: Burglar Alarm, Carpenter Electrician	Grip Leg Psych	H I H	Heavy demands on spine & legs in lifting & carrying; work performed at ground level; requires use of heavy hand tools or force with arms. Heavy demands on spine & legs in Wrist History Finger motion H Leg H
Group 390			Typical occupations: Boilermaker, Psych G Power Brake Operator, Shear Operator
Security Officers, Coaches	Spine Shoulder	G G	Group 460
Inside and outside work requiring significant walking, some uneven ground, and climbing –leg demands are most significant aspect of duties; work may be high risk but not necessarily highly physical; demands for arms & spine are at middle of 300	Elbow Wrist Finger motion Grip Leg Psych	G G G H H	Material Handlers & Machine Loaders & Unloaders Shoulder Elbow G Strenuous demands on spine & legs for lifting and carrying heavy objects; lowest demand for specialized arm Grip G G G G G G G G G G G G G G G G G G G
Typical occupations: Bodyguard, Instructor, Physical education, Security Officer			activities in 400 series. Leg H Psych E Typical occupations: Baggage Handler, Chain Offbearer, Laborer,

Group 481

Group	Installers & Repairers Strenuous demands on all parts of body – variants are at the higher end of the 400 series. Typical occupations: Household Appliance Installer, Maintenance Mechanic, Television Technician	Spine Shoulder Elbow Wrist Finger motion Grip Leg Psych	H H I J H H H	Work requires construction of buildings or large structures; skilled work performed at various levels, with significant demands for climbing, but lower demands on legs than 482; strenuous use of arms (same as 470). Typical occupations: Cable Television Installer, Millwright, Pipe Fitter	Spine Shoulder Elbow Wrist Finger motion Grip Leg Psych	I H I H H I
Group	480			Group 482		
	Construction Helpers, Oil Field Workers & Some Skilled Construction Workers Heavy laboring work at construction sites or other work sites; very strenuous use of spine for lifting and exerting force; heavy demands on arms (similar to 492); leg requirements lower than for 481 & 492. Typical occupations: Carpenter	Spine Shoulder Elbow Wrist Finger motion Grip Leg Psych	I H G G G H E	Skilled Construction Workers Construction and maintenance work performed at high and dangerous levels – balance required; demands on spine & legs similar to 590; very strenuous use of arms. Typical occupations: Bridge Maintenance Worker, Grip (movie industry), Tree Trimmer	Spine Shoulder Elbow Wrist Finger motion Grip Leg Psych	J I J I J I
	Helper; Laborer, construction; Roughneck			Group 490 Mostly Sworn Officers – Police & Fire (legal presumptions apply) Workers called upon to perform demanding activities in unpredictable and dangerous circumstances;	Spine Shoulder Elbow Wrist Finger motion Grip	I I I H H I

	significant demands on all parts of body.	Leg Psych	I J	Group 493
	Typical occupations: Fire Fighter, Paramedic.Police Officer			Mostly Professional Athletes Spine Shoulder H Substantial athletic performance required but less arduous than Group Finger motion Grip H
Group	491			Typical occupations: Bowler, Leg I professional, Ski instructor, Aerobic Psych H
	Agricultural & Livestock Workers	Spine Shoulder	H G	instructor
	Work requires tending the land and/or caring for animals; physical demands	Elbow Wrist	G G	Group 560
	& variants similar to 460 but slightly lower in mental demands.	Finger motion Grip Leg	F G H	Mostly Material Handlers Spine Shoulder H Requires lifting of large and/or very Elbow H
	Typical occupations: Dog Catcher; Farmer, General; Gardener	Psych	D	heavy objects or exerting very significant force – very strenuous demands placed on spine & legs. Wrist Finger motion Grip H Leg I
Group	492			Typical occupations: Ambulance Psych D Attendant; Furniture Mover; Garbage
	Logging & Fishing Occupations	Spine Shoulder	I H	Collector, manual
	Very physical work performed outside; high demand on spine & legs	Elbow Wrist	H H	Group 590
	for balancing, working on rugged terrain, and climbing; arm and other variants similar to 560.	Finger motion Grip	G H	Mostly Professional Athletes Spine J Shoulder J
	Typical occupations: Bucker, Logger,	Leg Psych	I E	Peak athletic performance requiring Elbow J whole body strength with specialized Wrist J training and skills; highest variants Finger motion I
	all-round			training and skills; highest variants for all parts of the body. Grip Leg J
				Typical occupations: Athlete, Psych I professional; Stunt Performer

SECTION 4 - OCCUPATIONAL VARIANTS

Use this section to determine the occupational variant for the particular impairment and occupation under consideration.

Locate the row on which the impairment number appears*, and the column headed by the group number. Record the letter appearing at the intersection of the row and column. This letter is the "Occupational Variant" which is represented by a letter between "C" and "J" inclusive.

After establishing the occupational variant, turn to Section 5, page 5-1 to adjust the rating for occupation.

*All impairment numbers contain eight numbers in the form XX.XX.XX. Ranges of impairment numbers with the same variants are represented in two ways. As an example, numbers beginning with 03.01-, 03.02- and 03.03- are represented as 03.01--03.03. And all impairment numbers beginning with 13.11.01- are shown as 13.11.01.XX.

		110	111	112	120	210	211	212	213	214	220	221	230	240	250	251	290	310	311	320	321	322	330
03.01 03.06	CARDIO-HEART	G	F	Е	Е	F	F	G	G	G	G	E	E	F	G	G	F	G	Н	F	F	F	F
04.01.00.00	HYPERTENSION	G	F	Е	E	F	F	G	G	G	G	E	E	F	G	G	F	G	Н	F	F	F	F
04.02.00.00	AORTIC DISEASE	G	F	Е	Е	F	F	G	G	G	G	Ε	Ε	F	G	G	F	G	Н	F	F	F	F
04.03.01.00	PERIPH - UE	Е	G	Н	Н	Е	G	F	Е	G	Н	G	G	Ε	F	F	G	F	G	Н	G	G	G
04.03.02.00	PERIPH - LE	D	D	D	D	Е	Е	Е	F	F	Ε	Е	Ε	Е	F	Е	Ε	F	F	F	F	F	F
04.04.00.00	PULM CIRC	F	Е	D	D	Н	Е	F	F	F	E	E	E	E	F	F	F	F	G	F	F	F	F
05.01 05.03	RESPIRATORY	F	E	D	D	Н	E	F	F	F	E	E	E	E	F	F	F	F	G	F	F	F	F
06.01.00.00	UPPER DIGEST	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
06.02.00.00	COLON, RECTUM	F	F	F	F	F	F	F	Н	F	F	F	F	G	G	G	F	F	F	F	F	F	F
06.03.00.00	FISTULAS	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
06.04.00.00	LIVER	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
06.05.00.00	HERNIA	С	С	С	С	С	D	E	F	F	D	D	E	E	F	E	D	F	G	F	F	F	F
07.01 07.04	URINARY	F	F	F	F	F	F	F	Н	F	F	F	F	G	G	G	F	F	F	F	F	F	F
07.05.00.00	REPRODUCTIVE	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
08.01 08.02	SKIN-SCARS	ı	ı	ı	Н	J	ı	ı	Н	J	J	G	E	J	Н	J	J	ı	J	E	E	Н	Е
08.03 08.04	DERMATITIS	F	F	F	F	F	F	F	F	F	G	F	F	F	F	F	Н	F	G	G	F	Н	F
08.05.00.00	SKIN CANCER	F	F	F	F	F	F	F	Н	F	F	F	F	G	G	G	F	F	F	F	F	F	F
09.01.00.00	HEMATOPOIETIC	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
10.01.00.00	DIABETES	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
11.01.01.00	EAR-HEARING	J	Н	ı	F	J	Н	ı	Н	J	Н	D	Е	Н	Н	J	ı	J	J	E	D	Н	Е
11.01.02.00	VESTIBULAR	D	D	D	D	Е	D	Е	Н	F	F	F	F	Е	G	F	Е	F	F	F	F	F	F
11.02.01.00	FACE-COSMETIC	1	1	1	Н	J	1	1	Н	J	J	G	Е	J	Н	J	J	1	J	Е	Ε	Н	Е
11.02.02.00	FACE-EYE	1	- 1	J	J	J	1	1	1	J	J	Н	G	G	1	1	J	1	J	1	Н	Н	G
11.03.01.00	NOSE - SMELL	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	G	F	F	F	F	Н	F
11.03.02.00	MASTICATION	I	Н	Н	F	J	Н	1	Н	J	I	F	F	G	G	I	Н	н	1	F	F	G	F
11.03.03.00	TASTE-SMELL	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	G	F	F	F	F	Н	F
11.03.04.00	VOICE-SPEECH	J	I	ı	F	J	ı	I	Н	J	ı	D	D	Н	Н	J	ı	I	1	D	С	G	D
12.01 12.03	VISION	Н	I	J	J	ı	ı	ı	ı	ı	J	Н	G	F	ı	Н	ı	ı	ı	ı	Н	G	G

		331	332	340	341	350	351	360	370	380	390	420	430	460	470	480	481	482	490	491	492	493	560	590
03.01 03.06	CARDIO-HEART	F	F	G	G	Н	G	G	G	Н	Н	Н	Н	Н	Н	Н	Н	ı	ı	Н	Н		Н	J
04.01.00.00	HYPERTENSION	F	F	G	G	Н	G	G	G	Н	Н	Н	Н	Н	Н	Н	Н	ı	ı	Н	Н	ı	Н	J
04.02.00.00	AORTIC DISEASE	F	F	G	G	Н	G	G	G	Н	Н	Н	Н	Н	Н	Н	Н	1	1	Н	Н	1	Н	J
04.03.01.00	PERIPH - UE	F	F	F	F	G	G	G	Н	Н	G	Н	Н	G	Н	G	Н	J	1	G	Н	1	Н	J
04.03.02.00	PERIPH - LE	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	1	J	1	Н	1	1	1	J
04.04.00.00	PULM CIRC	F	F	G	G	G	G	G	G	Н	Н	G	Н	G	Н	Н	Н	ı	ı	G	Н		Н	J
05.01 05.03	RESPIRATORY	F	F	G	G	G	G	G	G	Н	Н	G	Н	G	Н	Н	Н	ı	ı	G	Н	ı	Н	J
06.01.00.00	UPPER DIGEST	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
06.02.00.00	COLON, RECTUM	F	F	F	Н	G	G	F	F	Н	G	F	F	F	F	Н	Н	Н	Н	Н	Н	Н	G	Н
06.03.00.00	FISTULAS	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
06.04.00.00	LIVER	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
06.05.00.00	HERNIA	F	F	G	G	G	F	G	G	Н	G	Н	Н	Н	Н	Н	Н	J	Н	Н	Н	Н	I	J
07.01 07.04	URINARY	F	F	F	Н	G	G	F	F	Н	G	F	F	F	F	Н	Н	Н	Н	Н	Н	Н	G	Н
07.05.00.00	REPRODUCTIVE	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
08.01 08.02	SKIN-SCARS	Е	Е	G	Е	G	Е	F	F	F	Н	E	Е	F	F	Е	F	Е	J	Е	E	ı	Е	ı
08.03 08.04	DERMATITIS	G	F	G	G	F	F	F	G	G	F	Н	F	F	G	F	G	F	F	F	F	F	F	F
08.05.00.00	SKIN CANCER	F	F	F	Н	G	G	F	F	Н	G	F	F	F	F	Н	Н	Н	Н	Н	Н	Н	G	Н
09.01.00.00	HEMATOPOIETIC	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
10.01.00.00	DIABETES	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
11.01.01.00	EAR-HEARING	Е	G	F	Е	Н	G	G	G	G	Н	D	F	F	G	F	G	Н	ı	F	F	ı	F	ı
11.01.02.00	VESTIBULAR	F	F	F	1	G	G	F	Н	J	G	F	G	F	Н	G	J	J	1	F	Н	1	Н	J
11.02.01.00	FACE-COSMETIC	Е	Е	G	Е	G	Е	F	F	F	Н	Е	Е	F	F	Е	F	Е	J	Е	Е	1	E	1
11.02.02.00	FACE - EYE	F	G	F	F	1	Н	F	Н	Н	Н	G	G	F	Н	F	Н	1	J	F	G	1	F	1
11.03.01.00	NOSE - SMELL	F	F	F	F	Н	F	F	F	G	Н	F	G	F	F	F	G	1	J	F	G	F	F	J
11.03.02.00	MASTICATION	F	F	F	F	G	F	F	F	F	G	F	F	F	F	F	F	G	Н	F	G	F	F	G
11.03.03.00	TASTE-SMELL	F	F	F	F	F	F	F	F	F	G	F	F	F	F	F	F	F	G	F	F	F	F	F
11.03.04.00	VOICE-SPEECH	D	F	G	F	Н	F	G	F	G	Н	С	D	F	F	F	G	G	I	F	G	Н	F	Н
12.01 12.03	VISION	F	G	F	F	1	Н	F	Н	Н	G	G	G	F	Н	F	Н	ı	ı	F	G	ı	F	1

		110	111	112	120	210	211	212	213	214	220	221	230	240	250	251	290		310	311	320	321	322	330
13.01.00.00	CONSCIOUSNESS	ī	Н	Н	Н	Н	Н	Н	I	Н	Н	G	F	G	Н	Н	G		Н	Н	Н	F	G	F
13.02.00.00	EPISODIC NEURO	Н	G	1	1	Н	G	Н	1	Н	I	Н	F	F	J	1	Н		ı	1	1	G	Н	Н
13.03.00.00	AROUSAL	1	Н	Н	Н	Н	Н	Н	1	Н	Н	G	F	G	Н	Н	G		Н	Н	Н	F	G	F
13.04.00.00	COGNITIVE IMP	I	Н	Н	Н	Н	Н	Н	1	Н	Н	G	F	G	Н	Н	G		Н	Н	Н	F	G	F
13.05.00.00	LANGUAGE DISOR	J	1	1	F	J	1	I	Н	J	ı	D	D	Н	Н	J	1		ı	1	D	С	G	D
13.06.00.00	BEHAV-EMOT	J	1	1	Н	ı	Н	J	1	1	J	F	F	G	Н	1	Н		ı	J	Н	F	G	F
13.07.01.00	CRANIAL-OLFACTORY	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	G		F	F	F	F	Н	F
13.07.02.00	CRANIAL-OPTIC	Н	I	J	J	. 1	I	I	I	I	J	Н	G	F	1	Н	I		1	1	I	Н	G	G
13.07.03.00	CRANIAL-OCULO	Н	- 1	J	J	1	- 1	1	- 1	I	J	Н	G	F	1	Н	- 1		I	- 1	- 1	Н	G	G
13.07.04.00	CRANIAL-TRIGEM	- 1	Н	Н	F	J	Н	I	Н	J	I	F	F	G	G	- 1	Н		Н	1	F	F	G	F
13.07.05.00	CRANIAL-FACIAL	1	1	1	Н	J	1	1	Н	J	J	G	Е	J	Н	J	J		I	J	Ε	Е	Н	Е
13.07.06.01	CRANIAL-VERTIGO	D	D	D	D	E	D	Е	Н	F	F	F	F	Е	G	F	Е		F	F	F	F	F	F
13.07.06.02	CRANIAL-TINNITUS	J	Н	1	F	J	Н	I	Н	J	Н	D	Е	Н	Н	J	1		J	J	Е	D	Н	Е
13.07.07.00	CRANIAL-GLOSSO	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F
13.07.08.00	CRANIAL-SPINAL ACC	This im	npairme	nt can a	affect sv	vallowing and s	peech,	head tu	ırning a	nd shou	lder mo	otion. U	se varia	ant from	11.03.0	04.00, 1	15.01.X	X.XX, o	r 16.02.	01.00 a	is appro	priate.		
13.07.09.00	CRANIAL-HYPOGLOS	J	I	I	F	J	I	ı	Н	J	1	D	D	Н	Н	J	- 1		I	L	D	С	G	D
				_																				
13.08.00.00	STATION GAIT	D	D	С	С	E	E	E	F	F	E	E	E	E	F	E	E		F	F	F	F	F	F
13.09.00.00	UPPER EXTREM	E	G	Н	Н	E	G	F	E	G	Н	G	G	E	F	F	G		F	G	Н	G	G	G
13.10.01.00	SPINAL-RESPIR	F	E	D	D	Н	E	F	F	F	Е	E	E	E	F	F	F	-	F	G	F	F	F	F
13.10.02.00	SPINAL-URINARY	F	F	F	F	F	F	F	Н	F	F	F	F	G	G	G	F		F	F	F	F	F	F
13.10.03.00	SPINAL-ANORECT	F	F	F	F	F	F	F	Н	F	F	F	F	G	G	G	F		F	F	F	F	F	F
13.10.04.00	SPINAL-SEXUAL	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F
13.11.01.XX	PAIN-UE	Е	G	Н	Н	E	G	F	Е	G	Н	G	G	Е	F	F	G		F	G	Н	G	G	G
13.11.02.XX	PAIN-LE	D	D	С	С	E	Е	Е	F	F	Е	Е	Е	Е	F	Е	Е		F	F	F	F	F	F
13.12.01.XX	PERIPH-SPINE	С	С	D	D	D	D	Е	F	F	Е	Е	Е	Е	F	Е	Е		F	G	F	F	F	F
13.12.02.XX	PERIPH-UE	Е	G	Н	Н	E	G	F	Ε	G	Н	G	G	Ε	F	F	G		F	G	Н	G	G	G
13.12.03.XX	PERIPH-LE	D	D	С	С	Е	Е	E	F	F	Е	E	E	E	F	Е	E		F	F	F	F	F	F
14.01.00.00	PSYCHIA C TRIC	J	- 1	- 1	Н		Н	J	I	l	J	F	F	G	Н	I	Н			J	Н	F	G	F

		331	332	340	341	350	351	360	370	380	390		420	430	460	470	480	481	482	490	491	492	493	560	590
13.01.00.00	CONSCIOUSNESS	F	F	D	Н	Н	G	Е	Н	1	G		F	Н	Е	Н	F	L	J	1	D	G	G	Е	J
13.02.00.00	EPISODIC NEURO	G	G	F	1	J	J	F	1	J	G		G	1	G	1	Н	J	J	J	G	Н	G	Н	J
13.03.00.00	AROUSAL	F	F	D	Н	Н	G	Е	Н	1	G		F	Н	Е	Н	F	1	J	1	D	G	G	Е	J
13.04.00.00	COGNITIVE IMP	F	F	D	Н	Н	G	Е	Н	1	G		F	Н	Е	Н	F	1	J	1	D	G	G	Е	J
13.05.00.00	LANGUAGE DISOR	D	F	G	F	Н	F	G	F	G	Н		С	D	F	F	F	G	G	1	F	G	Н	F	Н
13.06.00.00	BEHAV-EMOT	F	G	D	D	Н	G	E	Н	Н	Н		F	G	E	Н	E	Н	I	J	D	E	Н	D	1
13.07.01.00	CRANIAL-OLFACTORY	F	F	F	F	F	F	F	F	F	G		F	F	F	F	F	F	F	G	F	F	F	F	F
13.07.02.00	CRANIAL-OPTIC	F	G	F	F	1	Н	F	Н	Н	G		G	G	F	Н	F	Н	- 1	- 1	F	G	- 1	F	1
13.07.03.00	CRANIAL-OCULO	F	G	F	F	1	Н	F	Н	Н	G		G	G	F	Н	F	Н	1	1	F	G	1	F	1
13.07.04.00	CRANIAL-TRIGEM	F	F	F	F	G	F	F	F	F	G		F	F	F	F	F	F	G	Н	F	G	G	F	G
13.07.05.00	CRANIAL-FACIAL	E	Е	G	Е	G	Е	F	F	F	Н		E	Е	F	F	Е	F	Е	J	Е	Е	Н	E	1
13.07.06.01	CRANIAL-VERTIGO	F	F	F	1	G	G	F	Н	J	G		F	G	F	Н	G	J	J	1	F	Н	1	Н	J
13.07.06.02	CRANIAL-TINNITUS	Ε	G	F	Ε	Н	G	G	G	G	Н		D	F	F	G	F	G	Н	1	F	F	- 1	F	1
13.07.07.00	CRANIAL-GLOSSO	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F	F	F	F	F	F	F	F
13.07.08.00	CRANIAL-SPINAL ACC	This in	npairme	ent can	affect s	wallowi	ng and	speech	, head to	urning a	ind sho	ulder m	otion. L	Jse vari	ant fron	n 11.03.	04.00,	15.01.X	X.XX, c	or 16.02	.01.00 a	as appro	opriate.	ı	
13.07.09.00	CRANIAL-HYPOGLOS	D	F	G	F	Н	F	G	F	G	Н		С	D	F	F	F	G	G	I	F	G	Н	F	Н
12.09.00.00	STATION GAIT												_			- 11	- 11	,							
13.08.00.00 13.09.00.00	UPPER EXTREM	F F	F	G F	G F	G G	G	G G	G H	Н	H G		G H	H H	H G	H H	H G	Н	J		H G	Н	H	H	J
13.09.00.00	OFFER EXTREM			1		J	G		11	11	G		11	11	G	- 11	G	11	J	1	G	11	11	11	J
13.10.01.00	SPINAL-RESPIR	F	F	G	G	G	G	G	G	Н	Н		G	Н	G	Н	Н	Н	1	1	G	Н	1	Н	J
13.10.02.00	SPINAL-URINARY	F	F	F	Н	G	G	F	F	Н	G		F	F	F	F	Н	Н	Н	Н	Н	Н	Н	G	Н
13.10.03.00	SPINAL-ANORECT	F	F	F	Н	G	G	F	F	Н	G		F	F	F	F	Н	Н	Н	Н	Н	Н	Н	G	Н
13.10.04.00	SPINAL-SEXUAL	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F	F	F	F	F	F	F	F
13.11.01.XX	PAIN-UE	F	F	F	F	G	G	G	Н	Н	G		Н	Н	G	Н	G	Н	J	ı	G	Н	Н	Н	J
13.11.02.XX	PAIN-LE	F	F	G	G	G	G	G	G	1	Н		G	Н	Н	Н	Н	1	J	1	Н	1	1	ı	J
13.12.01.XX	PERIPH-SPINE	F	F	G	G	G	G	G	G	Н	G		Н	Н	Н	Н	I	1	J	1	Н	I	Н	J	J
13.12.02.XX	PERIPH-UE	F	F	F	F	G	G	G	Н	Н	G		Н	Н	G	Н	G	Н	J	1	G	Н	Н	Н	J
13.12.03.XX	PERIPH-LE	F	F	G	G	G	G	G	G	I	Н		G	Н	Н	Н	Н	I	J	1	Н	I	I	I	J
14.01.00.00	PSYCHIACTRIC	F	G	D	D	Н	G	Е	Н	Н	Н		F	G	Е	Н	E	Н	I	J	D	Е	Н	D	T

		110	111	112	120	210	211	212	213	214	220	221	230	240	250	251	290	310	311	320	321	322	330
15.01 15.03	SPINE-DRE-ROM	С	С	D	D	D	D	Е	F	F	Е	Ε	Ε	Е	F	Ε	Ε	F	G	F	F	F	F
15.04.01.00	CORTIC-ONE UE	Е	G	Н	Н	Е	G	F	Е	G	Н	G	G	Е	F	F	G	F	G	Н	G	G	G
15.04.02.00	CORTIC-TWO UE	Е	G	Н	Н	Е	G	F	Е	G	Н	G	G	Е	F	F	G	F	G	Н	G	G	G
15.04.03.00	CORTIC-GAIT	D	D	С	С	Е	Е	Е	F	F	Е	Ε	Е	Е	F	Е	Ε	F	F	F	F	F	F
15.04.04.00	CORTIC-BLADDER	F	F	F	F	F	F	F	Н	F	F	F	F	G	G	G	F	F	F	F	F	F	F
15.04.05.00	CORTIC-ANOREC	F	F	F	F	F	F	F	Н	F	F	F	F	G	G	G	F	F	F	F	F	F	F
15.04.06.00	CORTIC-SEXUAL	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
15.04.07.00	CORTIC-RESPIR	F	Ε	D	D	Н	Е	F	F	F	Ε	Ε	Ε	Е	F	F	F	F	G	F	F	F	F
15.05.XX.XX	PELVIC	С	С	D	D	D	D	E	F	F	E	Е	E	E	F	Е	Е	F	G	F	F	F	F
			_			_		_	_			_	_	_		_	_	_					
16.01.01.XX	ARM-AMPUT	E _	G	Н	Н	E _	G	F _	E _	G	Н	G	G	E _	F -	F -	G	F _	G	Н	G	G	G
16.01.02.01	BRACHIAL PLEX	Ε -	G	H	Н	E _	G	F -	E _	G	Н	G	G -	E _	F -	F -	G	F _	G	H	G 	G	G -
16.01.02.02	CARPAL TUNNEL	D	G	Н	Н	D _	G	F	E	G	H 	G	F	Ε _	F	E	Н	F	G		Н	G	F
16.01.02.03	ENTRAP-OTHER	E _	G	Н	Н	E _	G	F -	E _	G	Н	G	G	E _	F -	F -	G	F _	G	Н	G	G	G
16.01.02.04	CRPS I	E _	G	Н	Н	E _	G	F -	E _	G	Н	G	G	E -	F -	F -	G	F _	G	Н	G	G	G
16.01.02.05	CRPS II	E -	G	Н	Н	E _	G	F _	E _	G	Н	G	G	E _	F -	F -	G	F _	G	Н	G	G	G
16.01.03.00	PERIPH VASC	Ε -	G -	Н –	H -	E	G -	F _	E _	G -	H -	G -	G	E -	F -	F -	G -	F _	G -	Н	G	G	G
16.01.04.00	ARM-GRIP/PINCH	D -	E	Ε	F 	C	E	E _	E _	F	F 	F	G	D -	F -	F -	F	F -	F	Н	G	G	G
16.01.05.00	ARM-OTHER	E	G	Н	Н	E	G	F	E	G	Н	G	G	E	F	F	G	F	G	Н	G	G	G
16.02.01.00	SHOULER-ROM	С	D	D	Е	С	D	Е	Е	F	F	F	F	D	F	D	G	F	F	F	F	F	F
16.02.02.00	SHOULDER-OTHER	Е	G	Н	Н	Е	G	F	Е	G	Н	G	G	Е	F	F	G	F	G	Н	G	G	G
16.03.01.00	ELBOW-ROM	D	F	G	G	D	F	Е	Е	F	G	G	F	Е	G	F	G	F	G	Н	G	G	G
16.03.02.00	ELBOW-OTHER	Ε	G	Н	Н	Е	G	F	Ε	G	Н	G	G	Е	F	F	G	F	G	Н	G	G	G
16.04.01.00	WRIST-ROM	D	G	Н	Н	D	G	F	Ε	G	Н	G	F	Е	F	Е	Н	F	G	1	Н	G	F
16.04.02.00	WRIST-OTHER	Е	G	Н	Н	Е	G	F	Е	G	Н	G	G	Е	F	F	G	F	G	Н	G	G	G
16.05.XX.XX	HAND	F	G	I	Н	E	G	F	F	G	Н	G	G	Е	F	F	G	F	G	Н	G	G	G
16.06.01.XX	THUMB	F	G	G	Н	E	G	F	F	G	Н	Н	G	Е	F	F	Н	F	G	Н	G	G	G
16.06.02.XX	INDEX	F	Н	I	I	E	Н	G	F	Н	I	Н	G	Е	F	F	Н	G	Н	I	Н	Н	G
16.06.03.XX	MIDDLE	F	Н	I	I	E	Н	G	F	Н	I	Н	G	Е	F	F	Н	G	Н	I	Н	Н	G
16.06.04.XX	RING	F	G	I	G	E	G	F	F	G	G	G	F	Е	F	F	F	F	G	Н	G	G	F
16.06.05.XX	LITTLE	F	G	- 1	G	E	G	F	F	G	G	G	F	Е	F	F	F	F	G	Н	G	G	F

		331	332	340	341	350	351	360	370	380	390	420	430	460	470	480	481	482	490	491	492	493	560	590
15.01 15.03	SPINE-DRE-ROM	F	F	G	G	G	G	G	G	Н	G	Н	Н	Н	Н	I	ı	J	1	Н	I	Н	J	J
15.04.01.00	CORTIC-ONE UE	F	F	F	F	G	G	G	Н	Н	G	Н	Н	G	Н	G	Н	J	1	G	Н	Н	Н	J
15.04.02.00	CORTIC-TWO UE	F	F	F	F	G	G	G	Н	Н	G	Н	Н	G	Н	G	Н	J	1	G	Н	Н	Н	J
15.04.03.00	CORTIC-GAIT	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	I	J	1	Н	1	1	1	J
15.04.04.00	CORTIC-BLADDER	F	F	F	Н	G	G	F	F	Н	G	F	F	F	F	Н	Н	Н	Н	Н	Н	Н	G	Н
15.04.05.00	CORTIC-ANOREC	F	F	F	Н	G	G	F	F	Н	G	F	F	F	F	Н	Н	Н	Н	Н	Н	Н	G	Н
15.04.06.00	CORTIC-SEXUAL	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
15.04.07.00	CORTIC-RESPIR	F	F	G	G	G	G	G	G	Н	Н	G	Н	G	Н	Н	Н	1	1	G	Н	1	Н	J
15.05.XX.XX	PELVIC	F	F	G	G	G	G	G	G	Н	G	Н	Н	Н	Н	ı	- 1	J	1	Н	1	Н	J	J
16.01.01.XX	ARM-AMPUT	F	F	F	F	G	G	G	Н	Н	G	Н	Н	G	Н	G	Н	J	I	G	Н	Н	Н	J
16.01.02.01	BRACHIAL PLEX	F	F	F	F	G	G	G	Н	Н	G	Н	Н	G	Н	G	Н	J	I	G	Н	Н	Н	J
16.01.02.02	CARPAL TUNNEL	F	Е	F	F	F	G	F	J	J	G	I	Н	G	J	G	J	J	Н	G	Н	Н	Н	J
16.01.02.03	ENTRAP-OTHER	F	F	F	F	G	G	G	Н	Н	G	Н	Н	G	Н	G	Н	J	I	G	Н	Н	Н	J
16.01.02.04	CRPS I	F	F	F	F	G	G	G	Н	Н	G	Н	Н	G	Н	G	Н	J	I	G	Н	Н	Н	J
16.01.02.05	CRPS II	F	F	F	F	G	G	G	Н	Н	G	Н	Н	G	Н	G	Н	J	I	G	Н	Н	Н	J
16.01.03.00	PERIPH VASC	F	F	F	F	G	G	G	Н	Н	G	Н	Н	G	Н	G	Н	J	I	G	Н	Н	Н	J
16.01.04.00	ARM-GRIP/PINCH	F	F	F	F	G	G	G	Н	Н	G	Н	Н	G	Н	G	Н	J	I	G	Н	Н	Н	J
16.01.05.00	ARM-OTHER	F	F	F	F	G	G	G	Н	Н	G	Н	Н	G	Н	G	Н	J	I	G	Н	Н	Н	J
16.02.01.00	SHOULER-ROM	F	F	F	G	F	G	G	G	Н	G	G	Н	G	Н	Н	Н	,		G	Н	Н	Н	J
16.02.01.00	SHOULDER-OTHER	, F	F	F	F	G	G	G	Н	Н	G	Н	'' H	G	'' H	G	H	J	'	G	H	'' H	'' H	J
16.03.01.00	ELBOW-ROM	' -	F	G	G	Н	Н	G	- ' '	'' 	G	'' H	''	G	- ''	Н	''	J	'	G	H	'' H	'' H	J
16.03.02.00	ELBOW-NOTHER	, E	F	F	F	G	G	G	H	H	G	'' H	' H	G	' H	G	H	J	'	G	H	'' H	'' H	J
16.04.01.00	WRIST-ROM	, F	E	' F	' F	F	G	F	J	J	G	'' '	'' H	G	J	G	J	J	' H	G	'' H	'' H	'' H	ı
16.04.02.00	WRIST-OTHER	, F	F	' F	' F	G	G	G	Н	Н	G	, H	'' H	G	Н	G	Н	J	''	G	'' H	'' H	'' H	J
10.04.02.00	WHOT-OTTEN											- 11												
16.05.XX.XX	HAND	F	F	F	F	G	G	F	Н	Н	G	G	Н	F	Н	G	Н	1	Н	F	G	G	G	I
16.06.01.XX	THUMB	F	F	F	F	G	G	F	Н	Н	G	Н	Н	G	Н	G	Н	1	Н	G	Н	G	Н	I
16.06.02.XX	INDEX	F	F	F	F	G	G	F	1	1	G	G	Н	F	1	G	1	1	Н	F	G	G	G	I
16.06.03.XX	MIDDLE	F	F	F	F	G	G	F	1	1	G	G	Н	F	1	G	1	1	Н	F	G	G	G	I
16.06.04.XX	RING	F	F	F	F	F	F	F	Н	Н	G	G	Н	F	Н	G	Н	Н	Н	F	G	G	G	I
16.06.05.XX	LITTLE	F	F	F	F	F	F	F	Н	Н	G	G	Н	F	Н	G	Н	Н	Н	F	G	G	G	1

		110	111	112	120	210	211	212	213	214	220	221	230	240	250	251	290	310	311	320	321	322	330
17.01.01.00	LEG-LENGTH	С	С	С	С	D	D	D	Е	D	D	D	D	D	D	D	D	D	Ε	Е	Е	Ε	Е
17.01.02.XX	LEG-AMPUT	D	D	С	С	Е	Ε	Е	F	F	Е	Е	Е	Е	F	Ε	Е	F	F	F	F	F	F
17.01.03.00	LEG-SKIN LOSS	D	D	D	D	Е	Ε	Е	F	F	Е	Е	Е	Е	F	Ε	Е	F	F	F	F	F	F
17.01.04.00	LEG-PERIPH NRV	D	D	С	С	Е	Ε	Е	F	F	Е	Е	Е	Е	F	Ε	Е	F	F	F	F	F	F
17.01.05.00	LEG-VASCULAR	D	D	D	D	Е	Ε	Е	F	F	Ε	Ε	Ε	Е	F	Ε	Ε	F	F	F	F	F	F
17.01.06.00	LEG-CAUSALGIA	D	D	С	С	Е	Ε	Е	F	F	Ε	Ε	Ε	Е	F	Ε	Ε	F	F	F	F	F	F
17.01.07.00	LEG-GAIT	D	D	С	С	Е	Ε	Е	F	F	Е	Е	Е	Е	F	Ε	Е	F	F	F	F	F	F
17.01.08.00	LEG-OTHER	D	D	С	С	Е	Е	Е	F	F	Е	Ε	Ε	Е	F	Ε	Ε	F	F	F	F	F	F
17.02.10.00	PELVIS-FX.	D	D	С	С	E	Ε	Е	F	F	Е	Е	Е	Е	F	Ε	Е	F	F	F	F	F	F
17.03.XX.XX	HIP	D	D	С	С	E	E	E	F	F	E	E	E	E	F	E	E	F	F	F	F	F	F
17.04.10.00	FEMUR-FX		_			_	_	_	_	F	_	_	_	Е	F	_	_	F	F	_	F	F	F
		D	D	C	С	E	E	E	F		E	E	E			E	E		г -	г -		r	г -
17.05.XX.XX	KNEE	D	D	C	C	E	E	E	F	F	E	E	E	E	F	E	E	F	F	F	F	F	r
17.06.10.00	TIBIA-FX	D	D	C	С	E	E	E	F	F	E	E	E	E	F	E	E	F	F	F	F	F	r
17.07.XX.XX	ANKLE	D	D	С	С	E	E	E	F	F	E	E	E	E	F	E	E	F	F	F	F	F	F
17.08.01.00	FOOT-ATROPHY	D	D	С	С	Е	Е	E	F	F	Е	Е	Е	Е	F	Е	Е	F	F	F	F	F	F
17.08.02.00	FOOT-ANKYLOSIS	С	С	С	С	D	D	D	Е	D	D	D	D	D	D	D	D	D	Е	Е	Е	Е	Е
17.08.03.00	FOOT-ARTHRITIS	D	D	С	С	Е	Ε	Е	F	F	Е	Е	Е	Е	F	Е	Е	F	F	F	F	F	F
17.08.04.00	FOOT-ROM	С	С	С	С	D	D	D	Е	D	D	D	D	D	D	D	D	D	Е	Е	Е	Е	Е
17.08.05.00	FOOT-STRENGTH	D	D	С	С	Е	Ε	Е	F	F	Е	Е	Е	Е	F	Е	Е	F	F	F	F	F	F
17.08.06.00	FOOT-OTHER	D	D	С	С	Е	Ε	Е	F	F	Е	Е	Е	Е	F	Е	Е	F	F	F	F	F	F
17.08.10.XX	FOOT-DBE	D	D	С	С	Е	Е	Е	F	F	Е	Е	Е	Е	F	Е	Е	F	F	F	F	F	F
17.09.01.00	TOE-ATROPHY	С	С	С	С	D	D	D	Е	D	D	D	D	D	D	D	D	D	Е	Е	E	Ε	Е
17.09.02.00	TOE-ANKYLOSIS	С	С	С	С	D	D	D	Е	D	D	D	D	D	D	D	D	D	Е	Е	Е	Е	Е
17.09.03.00	TOE-ARTHRITIS	С	С	С	С	D	D	D	Е	D	D	D	D	D	D	D	D	D	Е	Е	Е	Е	Е
17.09.04.00	TOE-ROM	С	С	С	С	D	D	D	Е	D	D	D	D	D	D	D	D	D	Е	Е	Е	Е	Е
17.09.05.00	TOE-STRENGTH	D	D	С	С	E	Ε	E	F	F	Ε	Ε	Ε	Е	F	Е	Е	F	F	F	F	F	F
17.09.06.00	TOE-AMPUTATION	D	D	С	С	E	Ε	E	F	F	Ε	Ε	Ε	Ε	F	Ε	Ε	F	F	F	F	F	F
17.09.07.00	TOE-OTHER	D	D	С	С	E	Ε	Ε	F	F	Ε	Ε	Ε	Ε	F	Ε	Ε	F	F	F	F	F	F

		331	332	340	341	350	351	360	370	380	390	420	430	460	470	480	481	482	490	491	492	493	560	590
17.01.01.00	LEG-LENGTH	Е	F	Е	G	Е	Е	Е	F	G	F	F	F	F	F	G	G	Н	G	F	G	ı	G	Н
17.01.02.00	LEG-AMPUT	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	1	J	1	Н	1	I	I	J
17.01.03.00	LEG-SKIN LOSS	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	1	J	1	Н	I	I	I	J
17.01.04.00	LEG-PERIPH NRV	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	1	J	1	Н	I	I	I	J
17.01.05.00	LEG-VASCULAR	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	1	J	1	Н	I	I	I	J
17.01.06.00	LEG-CAUSALGIA	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	1	J	1	Н	I	I	I	J
17.01.07.00	LEG-GAIT	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	1	J	1	Н	I	I	I	J
17.01.08.00	LEG-OTHER	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	1	J	I	Н	I	I	1	J
17.02.10.00	PELVIS-FX.	F	F	G	G	G	G	G	G	I	Н	G	Н	Н	Н	Н	I	J	I	Н	I	I	I	J
17.03.XX.XX	HIP	F	F	G	G	G	G	G	G	I	Н	G	Н	Н	Н	Н	I	J		Н	ı	I	I	J
17.04.10.00	FEMUR-FX	F	F	G	G	G	G	G	G		Н	G	Н	Н	Н	Н	1	J		Н	1		1	
17.04.10.00 17.05.XX.XX	KNEE	' 	' F	G	G	G	G	G	G		'' H	G	'' H	н	н	н		ı	'	н	'	' 1	' 	ı
17.06.10.00	TIBIA-FX	' 	' F	G	G	G	G	G	G		'' H	G	'' H	н	н	н		J	'	Н	'	' 1	' 	ı
17.00.10.00 17.07.XX.XX	ANKLE	· F	' F	G	G	G	G	G	G		'' H	G	'' H	н	Н	н		J	'	Н	'	' 1	' 	ı
17.07.	ANNLL		1		J	G	G	G	G	1	11	G		11	11	11		J		11			1	J
17.08.01.00	FOOT-ATROPHY	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	1	J	1	Н	1	I	I	J
17.08.02.00	FOOT-ANKYLOSIS	Е	F	Е	G	Е	Е	Е	F	G	F	F	F	F	F	G	G	Н	G	F	G	I	G	Н
17.08.03.00	FOOT-ARTHRITIS	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	1	J	1	Н	I	I	I	J
17.08.04.00	FOOT-ROM	Е	F	Е	G	Е	Е	Е	F	G	F	F	F	F	F	G	G	Н	G	F	G	I	G	Н
17.08.05.00	FOOT-STRENGTH	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	1	J	1	Н	I	I	I	J
17.08.06.00	FOOT-OTHER	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	1	J	1	Н	I	I	I	J
17.08.10.XX	FOOT-DBE	F	F	G	G	G	G	G	G	1	Н	G	Н	Н	Н	Н	1	J	1	Н	I	ı	ı	J
17.09.01.00	TOE-ATROPHY	Е	F	Е	G	Е	Е	Е	F	G	F	F	F	F	F	G	G	Н	G	F	G	Н	G	Н
17.09.02.00	TOE-ANKYLOSIS	Е	F	Е	G	Е	Е	Е	F	G	F	F	F	F	F	G	G	Н	G	F	G	Н	G	Н
17.09.03.00	TOE-ARTHRITIS	Е	F	Ε	G	Е	Е	Е	F	G	F	F	F	F	F	G	G	Н	G	F	G	Н	G	Н
17.09.04.00	TOE-ROM	Е	F	Ε	G	Е	Ε	Е	F	G	F	F	F	F	F	G	G	Н	G	F	G	Н	G	Н
17.09.05.00	TOE-STRENGTH	F	F	G	G	G	G	G	G	I	Н	G	Н	Н	Н	Н	I	J	I	Н	I	Н	1	J
17.09.06.00	TOE-AMPUTATION	F	F	G	G	G	G	G	G	I	Н	G	Н	Н	Н	Н	I	J	I	Н	I	Н	I	J
17.09.07.00	TOE-OTHER	F	F	G	G	G	G	G	G	I	Н	G	Н	Н	Н	Н	1	J	I	Н	I	Н	1	J

SECTION 5 - OCCUPATIONAL ADJUSTMENT

Use this table to adjust the rating for occupation.

Locate the row on which the rating (after adjustment for diminished future earning capacity) appears and the column headed by the occupation variant (obtained from the Occupational Variant Table in Section 4). Record the number appearing at the intersection of this row and column. This is the rating after adjustment for occupation.

After adjusting the rating for occupation, turn to Section 6, page 6-1 to adjust for age.

						OCCU	PATIC	NAL .	ADJUSTN	MENT	TABLE	Ξ					
Standard									Standard								
Rating									Rating								
Percent	С	D	E	F	G	Н	I	J	Percent	С	D	E	F	G	Н	ı	J
0	0	0	0	0	0	0	0	0									
1	1	1	1	1	2	2	2	2	26	19	22	24	26	29	31	34	37
2	1	2	2	2	3	3	4	4	27	20	23	25	27	30	33	35	38
3	2	2	3	3	4	5	5	6	28	21	24	26	28	31	34	36	39
4	3	3	4	4	5	6	7	8	29	22	24	27	29	32	35	37	40
5	3	4	4	5	6	7	8	9	30	23	25	28	30	33	36	38	41
6	4	5	5	6	7	8	9	11	31	24	26	29	31	34	37	40	43
7	5	5	6	7	8	10	11	12	32	25	27	30	32	35	38	41	44
8	6	6	7	8	9	11	12	14	33	25	28	30	33	36	39	42	45
9	6	7	8	9	11	12	14	15	34	26	29	31	34	37	40	43	46
10	7	8	9	10	12	13	15	16	35	27	30	32	35	38	41	44	47
11	7	9	10	11	13	14	16	18	36	28	31	33	36	39	42	45	48
12	8	10	11	12	14	16	17	19	37	29	32	34	37	40	43	46	49
13	9	10	12	13	15	17	18	20	38	30	32	35	38	41	44	47	50
14	10	11	13	14	16	18	20	22	39	31	33	36	39	42	45	48	51
15	11	12	14	15	17	19	21	23	40	32	34	37	40	43	46	49	52
16	11	13	14	16	18	20	22	24	41	33	35	38	41	44	47	50	54
17	12	14	15	17	19	21	23	26	42	34	36	39	42	45	48	51	55
18	13	15	16	18	20	22	24	27	43	35	37	40	43	46	49	52	56
19	14	15	17	19	21	24	26	28	44	36	38	41	44	47	50	53	57
20	15	16	18	20	22	25	27	29	45	36	39	42	45	48	51	54	58
21	16	17	19	21	23	26	28	31	46	37	40	43	46	49	52	55	59
22	16	18	20	22	24	27	29	32	47	38	41	44	47	50	53	56	60
23	17	19	21	23	26	28	31	33	48	39	42	45	48	51	54	57	61
24	18	20	22	24	27	29	32	34	49	40	43	46	49	52	55	58	62
25	18	21	23	25	28	30	33	36	50	41	44	47	50	53	56	59	62

						OCCU	PATIC)NAL	ADJUSTN	MENT	TABLE	3					
Standard									Standard								
Rating									Rating								
Percent	С	D	E	F	G	н	ı	J	Percent	С	D	E	F	G	н	1	J
51	42	45	48	51	54	57	60	64	76	68	70	73	76	78	80	82	84
52	43	46	49	52	55	58	61	65	77	69	71	74	77	79	81	83	85
53	44	47	50	53	56	59	62	65	78	70	72	75	78	80	82	84	86
54	45	48	51	54	57	60	63	66	79	71	74	76	79	81	83	84	86
55	46	49	52	55	58	61	64	67	80	72	75	77	80	82	83	85	87
50	47	50	5 0	56	59	00	0.5	00	04	70	76	70	81	83	84	86	00
56 57	47	50 51	53 54	56 57	60	62 63	65 66	68 69	81	73 74	76 77	78 79	82	83	84 85	86 87	88
57 50	48			_					82								88
58 50	49	52	55 50	58	61	64	67	70	83	76	78 70	81	83	84	86	87	89
59	50	53	56	59	62	65	68	71	84	77	79	82	84	85	87	88	90
60	51	54	57	60	63	66	69	72	85	78	81	83	85	86	88	89	90
61	52	55	58	61	64	67	69	72	86	79	82	84	86	87	89	90	91
62	53	56	59	62	65	68	70	73	87	81	83	85	87	88	89	90	92
63	54	57	60	63	66	69	71	74	88	82	84	86	88	89	90	91	92
64	55	58	61	64	67	69	72	75	89	84	85	87	89	90	91	92	93
65	56	59	62	65	68	70	73	76	90	85	87	88	90	91	92	93	94
66	57	60	63	66	69	71	74	77	91	86	88	89	91	92	93	93	94
67	58	61	64	67	70	72	7 4 75	77	92	88	89	91	92	93	93	94	95
68	59	62	65	68	71	73	76	78	93	89	91	92	93	94	94	95	96
69	60	63	66	69	71	74	76	79	94	91	92	93	94	95	95	96	96
70	61	64	67	70	72	75	77	80	95	93	93	94	95	96	96	97	97
71	62	65	68	71	73	76	78	80	96	94	94	95	96	96	97	98	98
72	63	66	69	72	74	77	79	81	97	95	96	96	97	97	98	98	98
73	65	67	70	73	75	77	79	82	98	97	97	98	98	98	98	98	99
74	66	68	71	74	76	78	80	83	99	98	99	99	99	99	99	100	100
75	67	69	72	75	77	79	81	83	100	100	100	100	100	100	100	100	100

SECTION 6 - AGE ADJUSTMENT

Use this table to modify the rating for age.

Locate the row on which the rating (already adjusted for earning capacity and occupation) appears, and the column headed by the age at time of injury. Record the number appearing at the intersection of the row and column. This is the rating adjusted for earning capacity, occupation and age.

				AGE A	T TIME OF I	NJURY				
-	21 and	22 - 26	27 - 31	32 - 36	37 - 41	42 - 46	47 - 51	52 - 56	57 - 61	62 and
Rating	under									over
1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	3	3	3
3	2	2	3	3	3	3	3	4	4	4
4	3	3	3	4	4	4	5	5	5	6
5	4	4	4	5	5	5	6	6	6	7
6	5	5	5	6	6	6	7	7	8	8
7	5	6	6	7	7	8	8	9	9	10
8	6	6	7	7	8	9	9	10	10	11
9	7	7	8	8	9	10	10	11	12	12
10	8	8	9	9	10	11	11	12	13	13
11	8	9	10	10	11	12	13	13	14	15
12	9	10	10	11	12	13	14	15	15	16
13	10	11	11	12	13	14	15	16	16	17
14	11	11	12	13	14	15	16	17	18	19
15	12	12	13	14	15	16	17	18	19	20
16	12	13	14	15	16	17	18	19	20	21
17	13	14	15	16	17	18	19	20	21	22
18	14	15	16	17	18	19	20	21	23	24
19	15	16	17	18	19	20	22	23	24	25
20	16	17	18	19	20	21	23	24	25	26
21	17	18	19	20	21	22	24	25	26	27
22	17	18	20	21	22	23	25	26	28	29
23	18	19	20	22	23	24	26	27	29	30
24	19	20	21	23	24	25	27	28	30	31
25	20	21	22	24	25	27	28	29	31	32

				AGE A	T TIME OF	INJURY				
Rating	21 and under	22 - 26	27 - 31	32 - 36	37 - 41	42 - 46	47 - 51	52 - 56	57 - 61	62 and over
26	21	22	23	25	26	28	29	31	32	33
27	22	23	24	26	27	29	30	32	33	35
28	23	24	25	27	28	30	31	33	34	36
29	24	25	26	28	29	31	32	34	36	37
30	24	25	27	28	30	32	33	35	37	38
31	25	26	28	30	31	33	35	36	38	39
32	26	27	29	31	32	34	36	37	39	40
33	27	28	30	32	33	35	37	38	40	42
34	28	29	31	33	34	36	38	39	41	43
35	29	30	32	34	35	37	39	41	42	44
36	30	31	33	35	36	38	40	42	43	45
37	31	32	34	36	37	39	41	43	44	46
38	32	33	35	37	38	40	42	44	46	47
39	33	34	36	38	39	41	43	45	47	48
40	34	35	37	39	40	42	44	46	48	50
41	35	36	38	40	41	43	45	47	49	51
42	36	37	39	41	42	44	46	48	50	52
43	36	37	39	41	43	45	47	49	51	53
44	37	38	40	42	44	46	48	50	52	54
45	38	39	41	43	45	47	49	51	53	55
46	39	40	42	44	46	48	50	52	54	56
47	40	41	43	45	47	49	51	53	55	57
48	41	42	44	46	48	50	52	54	56	58
49	42	43	45	47	49	51	53	55	57	59
50	43	44	46	48	50	52	54	56	58	60

				AGE A	T TIME OF I	INJURY				
	21 and	22 - 26	27 - 31	32 - 36	37 - 41	42 - 46	47 - 51	52 - 56	57 - 61	62 and
Rating	under									over
51	44	45	47	49	51	53	55	57	59	61
52	45	46	48	50	52	54	56	58	60	62
53	46	47	49	51	53	55	57	59	61	63
54	47	48	50	52	54	56	58	60	62	64
55	48	49	51	53	55	57	59	61	63	65
56	49	50	52	54	56	58	60	62	64	66
<i>57</i>	50	51	53	55	57	59	61	63	65	67
58	51	53	55	57	58	60	62	64	66	68
59	52	54	56	58	59	61	63	65	67	69
60	53	55	57	59	60	62	64	66	68	70
61	54	56	58	60	61	63	65	67	69	71
62	55	57	59	61	62	64	66	68	69	71
63	57	58	60	62	63	65	67	69	70	72
64	58	59	61	63	64	66	68	70	71	73
65	59	60	62	64	65	67	69	71	72	74
66	60	61	63	65	66	68	70	72	73	75
67	61	62	64	66	67	69	70	72	74	76
68	62	63	65	67	68	70	71	73	75	77
69	63	64	66	68	69	71	72	74	76	78
70	64	65	67	69	70	72	73	75	76	78
71	65	66	68	70	71	73	74	76	77	79
72	66	67	69	71	72	74	75	77	78	80
73	68	69	70	72	73	75	76	78	79	81
74	69	70	71	73	74	76	77	79	80	82
75	70	71	72	74	75	77	78	80	81	83

				AGE A	T TIME OF	INJURY				
	21 and	22 - 26	27 - 31	32 - 36	37 - 41	42 - 46	47 - 51	52 - 56	57 - 61	62 and
Rating	under									over
76	71	72	73	75	76	78	79	80	82	83
77	72	73	74	76	77	79	80	81	82	84
78	73	74	75	77	78	80	81	82	83	85
79	74	75	76	78	79	81	82	83	84	86
80	76	77	78	79	80	81	82	84	85	86
81	77	78	79	80	81	82	83	85	86	87
82	78	79	80	81	82	83	84	86	87	88
83	79	80	81	82	83	84	85	86	87	89
84	80	81	82	83	84	85	86	87	88	89
85	81	82	83	84	85	86	87	88	89	90
86	83	83	84	85	86	87	88	89	90	91
87	84	85	85	86	87	88	89	90	91	92
88	85	86	86	87	88	89	90	91	91	92
89	86	87	87	88	89	90	91	91	92	93
90	88	88	89	89	90	91	91	92	93	93
91	89	89	90	90	91	92	92	93	94	94
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96	95	95	95	96	96	96	97	97	97	98
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SECTION 7 – EXAMPLES

The examples in this section illustrate all the basic components of disability rating including converting AMA scales, adjusting for diminished future earning capacity, occupation and age.

Example A – Multiple impairments within a single extremity

A 30-year-old stevedore injures his right arm resulting in the following impairment percentages ratings:

> Limited motion of index finger = 50% Digit impairment Limited motion of ring finger = 80% Digit impairment Limited motion of shoulder = 20% Upper extremity (UE) Shoulder instability = 12% UE

- Follow AMA protocols¹ for combining individual finger 1. impairments into one overall hand impairment. The hand impairment for this example is 18%.
- Convert hand impairment² to whole person scale. 2.

18% Hand impairment $\times .9 = 16\%$ UE

 $16 \% UE \times .6 = 10\%$ Whole person impairment (WPI)

Combine³ shoulder impairments. 3.

Convert overall shoulder impairment to whole person scale 4.

 $30\% \text{ UE} \times .6 = 18\% \text{ WPI}$

Apply earning capacity, occupation and age adjustments⁴ to 5. hand and shoulder ratings:

Hand: 16.05.01.00 - 10 - [1]11 - 351G - 13 - 11 PD

Shoulder: 16.02.02.00 – 18 – [7]24 – 351G – 27 – 24 PD

Combine adjusted ratings for hand and shoulder to obtain 6. final disability.

24% PD C 11% PD = 32% PD

The final overall PD rating for this example is 32%.

Example B – Applying the single extremity maximum

A 30-year-old stevedore sustains an injury to his left leg resulting in the following impairment percentages ratings:

> Amputation of left leg below knee = 80% LE Limited motion of left knee = 35% LE Pain in stump is substantially aggravated by performing ADL's = 3% add-on⁵

See Chapter 16 of the AMA Guides, 5th edition for protocols. See AMA Guides, 5th edition, pages 438-439, for upper extremity conversion factors.

³ The symbol used to represent the operation of combining is "C". Use the Combined Values Chart on page 8-2 of the Schedule to combine ratings.

Rating adjustments and formulas are explained in Section 1 of this Schedule. starting on page XX.

⁵ See Section 1 of PDRS, page XX, for information regarding add-on's for pain.

1. Convert individual impairments⁶ to the whole person scale.

Left leg amputation:
$$80\% \text{ LE} \times .4 = 32\% \text{ WPI}$$

Left knee motion: $35\% \text{ LE} \times .4 = 14\% \text{ WPI}$

2. Apply 3% add-on for pain.

$$32\% \text{ WPI} + 3\% \text{ WPI} = 35\% \text{ WPI}$$

3. Apply earning capacity, occupation and age adjustments⁷ to each whole person impairment.

4. Combine⁸ the adjusted impairments for the left leg.

5. Calculate the maximum value for a single leg adjusted for earning capacity, age and occupation. The maximum rating for a leg before adjustments is 40%.

6. Compare the results of step 4 and 5 above. Choose the lower as the final value. The correct disability rating for the left leg is 50% PD.

Example C – Multiple impairments to different regions of body

A 30-year-old stevedore sustains injuries to his right arm, low back and legs resulting in the following disability impairment ratings.

Herniated lumbar disk (DRE Category 3) = 10% WPI

Limited motion of right index finger = 50% Digit impairment

Limited motion of right ring finger = 80% Digit impairment Limited motion of right shoulder = 20% Upper extremity (UE)

Right shoulder instability = 12% UE

Amputation of left foot leg two inches below knee = 80% LE Limited motion of left knee = 35% LE Pain in stump is substantially aggravated by performing ADL's = 3% add-on⁹

Limited motion of right knee = 8% LE

1. Calculate disability rating for the back by adjusting the back impairment rating for earning capacity, occupation and age.

⁶ See AMA Guides, 5th edition, page 527, for lower extremity conversion factors.

Rating adjustments and formulas are explained in Section 1 of this Schedule, starting on page XX.

⁸ The symbol used to represent the operation of combining is "C". Use the Combined Values Chart on page 8-2 of the Schedule to combine ratings.

⁹ See Section 1 of PDRS, page XX, for information regarding add-on's for pain.

- 2. Calculate disability rating for right arm in accordance with Example A above. The overall disability rating for the arm is 39% PD after adjustment for earning capacity, occupation and age.
- 3. Calculate the disability rating for the left leg in accordance with Example B above. The overall disability rating for the left leg is 61% PD after adjustment for earning capacity, occupation and age.
- 4. Calculate disability rating for the right leg as follows:
 - a. Convert the lower extremity impairment rating for the right knee to whole person impairment.

$$8\% LE \times .4 = 3\% WPI$$

b. Adjust the right knee impairment rating for earning capacity, occupation and age.

$$17.05.04.00 - 3 - [2]4 - 351G - 5 - 4 PD$$

5. Combine the ratings for the right arm, back, and each leg in the order from the largest to the smallest. The final overall PD rating for this example is 71%.

SECTION 8 - COMBINED VALUES CHART

Use this chart to combine two or more impairments, or two or more disabilities. When combining groups of three or more values, always combine the larger two first, and then successively combine the result with the next smaller until all values are combined.

COMBINED VALUES CHART

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COMBINED VALUES CHART (CON'T)

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