# Table of Contents

Chapter A - Occupation Codes ................................................................. A-1  
Chapter B - Body Part Codes ................................................................ B-1  
Chapter C - Nature of Injury/Illness Codes ........................................... C-1  
Chapter D - Source, Target, and Other Equipment Codes .................... D-1  
Chapter E - CAIRS Personal Protective Equipment Codes .................... E-1  
Chapter F - Activity Codes .................................................................... F-1  
Chapter G - Loss Producing Event Codes ............................................. G-1  
Chapter H - Headquarters Offices ........................................................... H-1
Chapter A - Occupation Codes

The occupation code is a four-character code that identifies the generic occupation of the employee involved in the accident/incident. The occupation code divisions are arranged as follows:

<table>
<thead>
<tr>
<th>DIVISION</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Managerial and Professional Specialty Occupations</td>
</tr>
<tr>
<td>1</td>
<td>Technical, Sales, and Administrative Support Occupations</td>
</tr>
<tr>
<td>2</td>
<td>Service Occupations</td>
</tr>
<tr>
<td>3</td>
<td>Farming, Forestry, and Fishing Occupations</td>
</tr>
<tr>
<td>4</td>
<td>Precision Production, Craft, and Repair Occupations</td>
</tr>
<tr>
<td>5</td>
<td>Operators, Fabricators, and Laborers</td>
</tr>
<tr>
<td>6</td>
<td>Military Occupations</td>
</tr>
<tr>
<td>7</td>
<td>Nonclassifiable</td>
</tr>
</tbody>
</table>

RULES OF SELECTION:

1. The **JOB TITLE** field on the 5484.3 form should give a good indication of the generic occupation code. *Example: the generic occupation for secretary is 1301 (ADMIN. SUPPORT/CLERICAL EMPLOYEE) and the generic occupation for security guard is 2102 (SECURITY GUARD).*

2. If sufficient information is not provided in the **JOB TITLE** field on the 5484.3 form, it may be possible to derive the worker’s occupation by reading the narrative. *Example: “The employee cut his leg on a barbed wire fence while performing security rounds.” You could assume that the employee is a security guard (2102). Example: “The employee cut his finger on a knife while chopping vegetables for a salad.” You could assume that the employee is a food service employee (2201).*

3. If information on the 5484.3 form is not sufficient to determine the generic occupation classification of the employee, code the occupation as non-classifiable (7101).

0 - Managerial and Professional Specialty Occupations

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Executive, Administrative, and Managerial Occupations</td>
</tr>
<tr>
<td></td>
<td>0101 MANAGER/ADMINISTRATOR</td>
</tr>
</tbody>
</table>

02 Professional Specialty Occupations

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0201</td>
<td>DOCTOR/NURSE</td>
</tr>
<tr>
<td>0202</td>
<td>ENGINEER</td>
</tr>
<tr>
<td>0203</td>
<td>HEALTH PHYSICIAN</td>
</tr>
<tr>
<td>0204</td>
<td>SCIENTIST</td>
</tr>
<tr>
<td>0209</td>
<td>OTHER PROFESSIONAL</td>
</tr>
</tbody>
</table>
1 - Technical, Sales, and Administrative Support Occupations

<table>
<thead>
<tr>
<th>11</th>
<th>Technicians and Related Support Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1101</td>
<td>ENGINEERING TECHNICIAN</td>
</tr>
<tr>
<td>1102</td>
<td>HEALTH TECHNICIAN</td>
</tr>
<tr>
<td>1103</td>
<td>RADIATION MONITOR/TECHNICIAN</td>
</tr>
<tr>
<td>1104</td>
<td>SCIENCE TECHNICIAN</td>
</tr>
<tr>
<td>1109</td>
<td>OTHER TECHNICIAN</td>
</tr>
</tbody>
</table>

12 - Sales Occupations

| 1201 | SALES WORKER |

13 - Administrative Support Occupations, including Clerical

| 1301 | ADMIN. SUPPORT/CLERICAL EMPLOYEE |

2 - Service Occupations

<table>
<thead>
<tr>
<th>21</th>
<th>Protective Service Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2101</td>
<td>FIREFIGHTER</td>
</tr>
<tr>
<td>2102</td>
<td>SECURITY GUARD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>22</th>
<th>Service Occupations, except Protective and Household</th>
</tr>
</thead>
<tbody>
<tr>
<td>2201</td>
<td>FOOD SERVICE EMPLOYEE</td>
</tr>
<tr>
<td>2202</td>
<td>JANITOR</td>
</tr>
<tr>
<td>2209</td>
<td>OTHER SERVICE EMPLOYEE</td>
</tr>
</tbody>
</table>

3 - Farming, Forestry, and Fishing Occupations

<table>
<thead>
<tr>
<th>31</th>
<th>Farming, Forestry, and Fishing Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td>3101</td>
<td>FOREST WORKER</td>
</tr>
<tr>
<td>3102</td>
<td>GROUNDSKEEPER</td>
</tr>
<tr>
<td>3109</td>
<td>OTHER AGRICULTURE/FORESTRY/FISHING EMPLOYEE</td>
</tr>
</tbody>
</table>

4 - Precision Production, Craft, and Repair Occupations

<table>
<thead>
<tr>
<th>41</th>
<th>Mechanics and Repairers</th>
</tr>
</thead>
<tbody>
<tr>
<td>4101</td>
<td>MECHANIC/REPAIRER</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>42</th>
<th>Construction Trades</th>
</tr>
</thead>
<tbody>
<tr>
<td>4201</td>
<td>CARPENTER</td>
</tr>
<tr>
<td>4202</td>
<td>ELECTRICIAN</td>
</tr>
<tr>
<td>4203</td>
<td>MASON</td>
</tr>
<tr>
<td>4204</td>
<td>PAINTER</td>
</tr>
<tr>
<td>4205</td>
<td>PIPE FITTER</td>
</tr>
<tr>
<td>4209</td>
<td>OTHER REPAIR/CONSTRUCTION EMPLOYEE</td>
</tr>
</tbody>
</table>
43 Extractive Occupations
   4301 MINER/DRILLER

44 Precision Production Occupations
   4401 MACHINIST
   4402 OPERATOR, PLANT/SYSTEM/UTILITY
   4403 SHEET METAL WORKER
   4409 OTHER PRECISION/PRODUCTION EMPLOYEE

5 - Operators, Fabricators, and Laborers

51 Machine Operators and Tenders, Except Precision
   5101 MACHINE SETUP/OPERATOR

52 Fabricators, Assemblers, and Handworking Occupations
   5201 ASSEMBLERS
   5202 WELDER
   5209 OTHER HANDWORKING OCCUPATIONS

53 Transportation and Material Moving Occupations
   5301 AIRCRAFT PILOT
   5302 BUS DRIVER
   5303 EQUIPMENT OPERATOR
   5304 TRUCK DRIVER
   5309 OTHER TRANSPORT EMPLOYEE

54 Handlers, Equipment Cleaners, Helpers, and Laborers
   5401 HANDLER/LABORER/HELPER

6 - Military Occupations

61 Military Occupations
   6101 MILITARY PERSONNEL

7 - Nonclassifiable

71 Nonclassifiable
   7101 OCCUPATION (UNK)
   7102 MISC EMPLOYEE
**Chapter B - Body Part Codes**

The body part code is a four-character code that identifies the part of the body that was directly affected by the injury or illness. The body part code divisions are arranged as follows:

<table>
<thead>
<tr>
<th>DIVISION</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Head</td>
</tr>
<tr>
<td>1</td>
<td>Neck, including Throat</td>
</tr>
<tr>
<td>2</td>
<td>Trunk</td>
</tr>
<tr>
<td>3</td>
<td>Upper Extremities</td>
</tr>
<tr>
<td>4</td>
<td>Lower Extremities</td>
</tr>
<tr>
<td>5</td>
<td>Systems</td>
</tr>
<tr>
<td>6</td>
<td>Multiple Body Parts</td>
</tr>
<tr>
<td>7</td>
<td>Other Body Parts</td>
</tr>
</tbody>
</table>

**RULES OF SELECTION:**

1. Name the body part indicated on the source document. The EVENT narrative on the 5484.3 form should describe the body part affected.

2. When the injury or illness involves a single part, choose that part. Example: *For fractures jaw, choose code 0307 (Jaw).*

3. Traumatic Injuries and Disorders are generally coded to the external part or location, including specific locations for the face or back. Example: *For lumbar sprain, choose code 2303 (Lower back).* Exceptions are noted below.

   - When intracranial injury (nature code 0060) is identified, choose 0101 (Brain) as the body part code.
   - When the injury or illness affects an entire body system, rather than a particular part, choose 5001 (Body Systems) as the body part code. Example: *For hypothermia, choose code 5001 (Body Systems).*

4. Internal body parts should be named when a disease, disorder, or condition originated at, or is limited to, that internal part. Example: *For hepatitis, choose code 2202 (Chest); for lung cancer, choose code 2401 (Abdomen).*

5. When the injury is an amputation (nature code 0031), choose the body part code that represents the nearest part of body lost. Example: *For amputation at knee, choose code 4103 (Lower leg).*

6. When the injury or illness involves two or more body parts within the same division, select the multiple classification code that includes those parts. Example: *If lower leg, foot, and ankle are burned, choose code 4501 (Multiple lower extremities).*
7. When the previously named injury or illness involves parts from two or more divisions, select 6001 (Multiple body parts). Example: For dislocated shoulder and fractured upper arm, choose code 6001 (Multiple body parts).

0 - Head

This division classifies the uppermost parts of the body. This region consists of the skull, its contents, and related external structures.

0001 HEAD

If the nature of injury or illness named is amputation (nature code 0031) and decapitation occurred, select this code.

0100 Cranial region, including skull

This group classifies the region that is bordered by the face in front and the neck below.

Includes: Brain and brain stem; hair; occipital, parietal, and temporal bones; skin; subcutaneous connective tissue; cartilage; and muscles.

0101 BRAIN
Select this code when intracranial injuries (nature code 0060) is named as the nature of the injury.

0102 HAIR

0103 SCALP

0104 SKULL
Select this code when a nonfatal fracture (included in nature code - 0012) is the nature of injury.

0199 MULTIPLE CRANIAL REGION LOCATIONS

0200 Ear(s)

This group classifies the sense or receptor organs located on either side of the head. This code can be used when either on or both ears are affected.

Includes: Anvil, auditory nerve, auricle or pinna, cochlea, concha, eardrum, eustachian tube, hammer, helix, lobule, middle ear or tympanic cavity, outer ear canal, scapha, semicircular canals, stirrup (stapes), and tragus
0201 EAR(S)

0300 Face

This group classifies the anterior or frontal portion of the head, which is bounded by the cranial region to the top and back (hairline) and by the neck below.

Includes: Bony structures, cartilage, muscle, skin, subcutaneous tissue, underside of the jaw/chin, and veins and arteries

0302 CHIN

0303 EYE(S)

This code classifies the sense organs of sight located in the frontal portion of the head. The code can be used for either one or both eyes and when loss or impairment of sight is involved.

Includes: Conjunctiva, cornea, eyeball, iris, lacrimal glands, lens, optic nerve, orbit, retina

Excludes: Inside and outside of eyelids (0304), upper and lower eyelashes (0304).

0304 EYELID(S)

Includes: Inside and outside of eyelids, upper and lower eyelashes

0305 FACE

Includes: Cheeks, unspecified facial locations

0306 FOREHEAD

Includes: Eyebrows

0307 JAW

0308 LIPS

0309 MOUTH

This code classifies the opening of the alimentary canal, which is bounded by the lips, and includes the cavity that houses the tongue and teeth.

Includes: Gum, tongue
Excludes:  Lips (0308), tooth/teeth (0311)

0310  NOSE
This code classifies the prominent sensory organ in the center of the face that functions as the organ of small and as part of the respiratory system.

Includes:  Nose--external locations; Nose--internal locations such as nasopharynx, nasal passages, and sinuses.

0311  TOOTH/TEETH

0399  MULTIPLE FACE LOCATIONS

0400  Multiple head locations

This major group classifies combinations of differing parts of the body within this division.

0401  MULTIPLE HEAD LOCATIONS

1 - Neck, including Throat

This division classifies that portion of the body that connects the head to the torso or trunk. This region is bounded by the jaw/chin and cranial region to the top and the shoulder to the bottom.

If the nature of injury or illness named is amputation (nature code 0031), and the point of amputation is neck, select body part code 0001 (Head).

1001  NECK
This code classifies the external portion of the neck including the uppermost portion of the vertebra. Generally, select this code when the nature of injury or illness named is a member of Division 0 of the Nature of Injury of Illness structure.

Includes:  bony structures (cervical vertebrae), cartilage, muscle, skin, subcutaneous tissue, and veins and arteries
Excludes:  Internal neck locations (1002)

1002  THROAT (Internal neck locations)
This code classifies the underlying visceral structures of the neck. Generally, this code should be chosen when the nature of injury or illness named is a member of Division 1 through 5 of the Nature of Injury or Illness structure.
Includes: Larynx, laryngopharynx, pharynx, trachea, vocal cords
Excludes: External neck locations (1001)

2 - Trunk

This division classifies the main part of the body, where the head and limbs are attached. The area is bounded by the neck, arms, and legs.

2001 TRUNK

Includes: Unspecified trunk locations

2100 Shoulder, including clavicle, scapula

This group classifies the region where the arms join the trunk.

If the nature of injury or illness named is amputation (nature code 0031), and the point of amputation is the shoulder, select body part code 3104 (Upper arm).

Includes: Clavicle/collar bone, humerus, scapula/shoulder blade, and shoulder girdle

2101 SHOULDER(S)

2200 Chest, including ribs, internal organs

This group classifies the frontal region of the body or thorax. It is bounded by the respiratory diaphragm or abdomen below, the shoulder above, and the back in the rear.

2201 BREAST(S)

2202 CHEST

2203 INTERNAL ORGANS

This code classifies the underlying visceral structures of the chest. Generally, these codes should be chosen when the nature of injury or illness named is a member of Division 1 through 5 of the Nature of Injury or Illness Structure.

Includes: Bronchus, esophagus, heart, lungs, pleura

2204 RIB(S)
2300 Back, including spine, spinal cord

This group classifies the posterior part of the trunk that is bounded by the neck and the pelvis.

Includes: Cartilage, muscles, nerves and neuroglia, spine, spinal cord, tendons, veins and arteries, vertebra (backbone)

2301 BACK

Includes: Sacral region of the back (middle back), sacrum, unspecified back locations

2302 COCCYX (Coccygeal region)
This code classifies the region of the back that is bounded by the lower extremities.

2303 LOWER BACK
This code classifies the region of the back, which includes 5 vertebrae on the spinal column, and is located in the lower portion of the back (lumbar region). Select this code when low back pain or lumbago (included in nature code 1069) is named as the nature of injury or illness.

2304 SPINE

2305 SPINAL CORD

2306 UPPER BACK
This code classifies the region of the back, which includes 12 vertebrae on the spinal column, and is located just below the cervical vertebrae of the neck (thoracic region).

2399 MULTIPLE BACK REGIONS

2400 Abdomen

This group classifies that portion of the body that lies between the thorax and the pelvis.

Includes: Bladder, external abdominal locations, gallbladder, internal abdominal locations, kidneys, large intestine/colon, liver, pancreas, peritoneum, rectum, small intestine, spleen, stomach organ

2401 ABDOMEN
2402 DIGESTIVE ORGANS
2403 EXCRETORY ORGANS
2405 RECTUM

2500 Pelvic region

This group classifies the lower portion of the trunk or torso that supports the lower extremities. This region is bounded by the coccyx of the vertebral column, the abdomen and the legs.

*Includes:* Sacroiliac
*Excludes:* Intestines (2400)

2501 BUTTOCK(S)

2502 GENITALS (Reproductive structures)
This code includes both internal and external reproductive tract structures.

*Includes:* External female genital region, ovaries, penis, scrotum, prostate, testes, uterus

2503 GROIN
When inguinal hernia (included in nature code 1051) is the nature of injury or illness, select this code as the body part.

2504 HIP(S)
If the nature of injury or illness named is amputation (nature code 0031), and the point of amputation is hip, select code 4104 (Thigh) as the body part code.

2505 PELVIS

2599 MULTIPLE PELVIC REGIONS

2600 Multiple Trunk Locations
This major group classifies combinations of differing parts of the body within this division.

2601 MULTIPLE TRUNK LOCATIONS

3 - Upper Extremities
This division classifies the extremities that are bounded by the shoulder at the top with the fingers as the lowermost part included.

*Includes:* Bones, cartilage, muscles, skin, subcutaneous tissue, veins and arteries

### 3100 Arm(s)

This group classifies the upper extremities from the area above the wrist up to the shoulder.

3101 ARM(S)

*Includes:* Multiple arm locations, unspecified arm locations

3102 ELBOW

3103 FOREARM

If the nature of injury named is amputation (nature code 0031), and the point of amputation is the elbow, select this code.

3104 UPPER ARM

### 3200 Wrist(s)

This group classifies the region between the forearm and the hand.

When the nature of injury or illness is named as carpal tunnel syndrome (nature code 1021), select this code.

If the nature of injury or illness named is amputation (nature code 0031), and the point of amputation is the wrist, select 3300 (Hands) as the body part code.

3201 WRIST(S)

### 3300 Hand(s), except finger(s)

This group classifies the part of the upper extremity at the end of the forearm.

*Excludes:* Fingers (3401), wrists (3201)

3301 HAND(S)

If the nature of injury or illness named is amputation (nature code 0031), and the point of amputation is hand or wrist, select this code.
3302  KNUCKLE(S)
3303  PALM(S)

3400  Finger(s), fingernail(s)

This group classifies the digits of the hand.

3401  FINGER(S)
3402  FINGERNAIL(S)
3403  THUMB(S)

3500  Multiple Upper Extremities

This major group classifies combinations of differing parts of the body within this division.

3501  MULTIPLE UPPER EXTREMITIES

4 - Lower Extremities

This division classifies the appendages that are bounded by the hip to the top with the toes as the lowermost part included.

Includes:  Bones, cartilage, muscles, skin, subcutaneous tissue, veins and arteries

4100  Leg(s)

This group classifies the lower extremities between the hip and the ankle.

4101  KNEE(S)

If the nature of injury or illness named is amputation (nature code 0031), and the point of amputation is the knee, select 4103 (Lower leg) as the body part code.

4102  LEG(S)

Includes:  Multiple leg locations, unspecified leg location

4103  LOWER LEG
If the nature of injury or illness named is amputation (nature code 0031), and the point of amputation is the knee, select this code.

4104 THIGH(S)

4200 Ankle(s)

This group classifies the hinge joint area between the foot and the lower leg.

If the nature of injury or illness named is amputation (nature code 0031), and the point of amputation is the ankle, select 4301 (Foot) as the body part code.

4201 ANKLE(S)

4300 Foot(feet), except toe(s)

This group classifies the final or lowest extremity of the leg.

Includes: Areas between the toes

4301 FOOT/FEET

If the nature of injury or illness named is amputation (nature code 0031), and the point of amputation is foot or ankle, select this code.

4302 HEEL(S)

4303 INSTEP

4304 SOLE(S)

Includes: Arches, balls, multiple sole locations

Excludes: Heel

4400 Toe(s), toenail(s)

This group classifies the digits of the foot.

4401 TOE(S)

4500 Multiple Lower Extremities

This group classifies combinations of differing parts of the body within this division.

4501 MULTIPLE LOWER EXTREMITIES
5 - Systems

This division classifies the various systems of the body. This code applies when the functioning of an entire body system has been affected without specific injury to any other part of the body. It does not apply when the systemic damage results from an external injury affecting an external part such as a back injury that includes damage to the nerves of the spinal cord. Nor does it apply when the injury or illness is localized and affects a particular internal organ. If the nature of injury or illness selected is a subset of the Systemic Diseases or Disorders (Division 1), the part of body affected is not necessarily body systems. Generally neoplasms will be coded to the individual body part (or organ) rather than body systems.

5001 BODY SYSTEMS

6 - Multiple Body Parts

This division classifies multiple body parts from two or more divisions.

6001 MULTIPLE BODY PARTS

7 - Other Body Parts

This division classifies any parts of the body that are not classified or listed under any other division.

7001 BLOOD
Select this code only when information for a specific body part is not included in the source document.

7002 BODY PART NOT OTHERWISE SPECIFIED
This code is used to classify any other human parts of the body which are not classified under any other code.

7003 BONE(S)
Select this code only when information for a specific body part is not included in the source document.

7005 JOINT(S)
Select this code only when information for a specific body part is not included in the source document.

7006 MUSCLE/TENDON(S)
Select this code only when information for a specific body part is not included in the source document.

7009 PROSTHETIC DEVICES

This code classifies synthetic, mechanical, and otherwise artificial devices that replace or enhance missing or malfunctioning human body parts. Select this code only when a prosthetic device is involved; otherwise, select the human part of body affected.

*Includes:* Corrective lenses, dentures, artificial eyes, hearing aids, and artificial limbs

7011 SKIN

Select this code only when information for a specific body part is not included in the source document.
Chapter C - Nature of Injury/Illness Codes

The injury/illness type code is a four-character code that identifies the principal physical characteristic of the injury or illness. The nature of injury/illness code divisions are arranged as follows:

<table>
<thead>
<tr>
<th>DIVISION</th>
<th>TITLE</th>
<th>RULES OF SELECTION:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Traumatic Injuries and Disorders</td>
<td>1. Name the injury or illness indicated on the source document. The <strong>EVENT</strong> narrative on the 5484.3 form should describe the nature of the injury or illness.</td>
</tr>
<tr>
<td>1</td>
<td>Systemic Diseases and Disorders</td>
<td>2. When two or more injuries or illnesses are indicated, and one is a sequela, after-effect, or complication due to medical treatment, choose the initial injury or illness. Example: <em>If a laceration became infected developing into septicemia, choose Cuts, lacerations.</em></td>
</tr>
<tr>
<td>2</td>
<td>Infectious and Parasitic Diseases</td>
<td>3. When two or more injuries or illnesses are indicated, and one is more severe than the other(s), select the more severe injury or illness. Example: <em>If sprained finger and fractured wrist, choose Fractures.</em> Similarly, when a single event or exposure produces an injury and transmits a disease simultaneously, and one is more severe than the other(s), select the more severe injury or disease. Example: <em>If a needle stick produces a puncture wound and transmits an infectious disease, serum hepatitis, choose serum hepatitis.</em></td>
</tr>
<tr>
<td>3</td>
<td>Neoplasms, Tumors, and Cancers</td>
<td>4. When two or more injuries or illnesses are indicated but no one can be determined as being more severe than the others, select the appropriate multiple injuries or illnesses classification code.</td>
</tr>
<tr>
<td>4</td>
<td>Symptoms, Signs, and Ill-defined Conditions</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Other Diseases, Conditions, and Disorders</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Multiple Diseases, Conditions, and Disorders</td>
<td></td>
</tr>
</tbody>
</table>

0 - Traumatic Injuries and Disorders

This division classifies traumatic injuries and disorders, effects of external agents, and poisoning. Generally, a traumatic injury or disorder is the result of a single incident, event, or exposure.

**0001 INJURY (UNSPECIFIED)**
This group classifies traumatic injuries and disorders when the only information available describes the incident as traumatic. For example, an employee was hurt in a car accident.

**0010 Traumatic injuries to bones, nerves, and spinal cord**

This group classifies traumatic injuries to the bones, nerves, or spinal cord, which include breaking and dislocating bones and cartilage and traumatic injury to the brain, spinal cord, and nerves.

**0011 DISLOCATION**

This nature code classifies displacement or dislocation of bone or cartilage.

*Includes:* Subluxations; partial displacement; and fractured, torn, or broken cartilage

*Excludes:* Slipped, ruptured, or herniated disc (0014).

**0012 FRACTURE**

This nature code classifies traumatic injuries that result in fractures of bones.

*Includes:* Closed fractures for which no open wound exists; open fractures for which there is an accompanying open wound; comminuted, compound, depressed, elevated, fissured, greenstick, impacted, linear, march, simple, and spiral fracture; and slipped epiphysis

*Excludes:* Fatal fracture of the back (0019), neck (0019), rib (0089), or skull (0068); fracture of cartilage (0011); malunion (1060); nonunion (1060); pathological or spontaneous fracture (1060); fractured/chipped tooth (0015)

**0013 TRAUMATIC INJURIES TO NERVES, EXCEPT THE SPINAL CORD**

This nature code classifies traumatic injuries to nerves other than the spinal cord. Cranial nerves, peripheral nerve of the shoulder or pelvic girdle, and nerves of the limb are possible locations for injuries under this nature code. Diseases or disorders of the nervous system that occur over time as a result of repetitive activity, such as carpal tunnel syndrome, are classified in group 1020.

*Includes:* Division of nerve, lesion of continuity, traumatic neuroma, pinched nerve

*Excludes:* Diseases or disorders affecting the nervous system (1020), diseases or disorders affecting the sense organs (1020),
carpal tunnel syndrome (1021), hearing loss (1025), loss of vision (1029), traumatic transient paralysis (0018), and severed spinal cord (0018)

0014 RUPTURED DISK
This nature code classifies traumatic injuries that result in slipped, ruptured, or herniated disks.

0015 FRACTURED/CHIPPED TOOTH
This nature code classifies traumatic injuries that result in fractured or chipped teeth.

0018 OTHER TRAUMATIC INJURIES TO THE BONES, NERVES, AND SPINAL CORD
This nature code classifies traumatic injuries to the bones, nerves, and spinal cord that are not elsewhere classified or are not specified.

Includes: Severed spinal cord, nonfatal severed spinal cord resulting from a gunshot wound, traumatic transient paralysis, anterior cord syndrome, lesion of spinal cord, central cord syndrome

Excludes: Spinal bone injury (0011, 0012, 0014, and 0019)

0019 MULTIPLE TRAUMATIC INJURIES TO BONES, NERVES, AND SPINAL CORD
This code classifies multiple injuries and disorders or equal severity within the Traumatic injuries to bones, nerves, and spinal cord group.

Includes: Fatal fracture to back or neck.

0020 Traumatic injuries to muscles, tendons, ligaments, joints, etc.

This nature group classifies traumatic injuries that affect the muscles, tendons, ligaments, or joints. Diseases or disorders affecting the musculoskeletal system, including tendonitis and bursitis, which generally occur over time as a result of repetitive activity should be coded in Musculoskeletal system and connective tissue diseases and disorders (1060).

Includes: Avulsion, hemarthrosis, “pull”, rupture, strain, sprain, or tear of joint capsule, ligament, muscle, or tendon

Excludes: Joint fractures (0012); cartilage fracture (0011); torn cartilage (0011); hernia (1051); lacerations of tendons in open wounds (0035)

0021 SPRAIN
0022 STRAIN

0029 OTHER TRAUMATIC INJURIES TO MUSCLES, TENDONS, LIGAMENTS, JOINTS, ETC.
This nature code classifies traumatic injuries to the muscles, tendons, ligaments, joints that are not elsewhere classified or are not specified.

0030 Open wounds

This group classifies traumatic injuries involving open wounds--broken skin or outward opening, beyond the superficial skin surface.

Excludes: Abrasions and scratches (0041), burns (0050)

0031 AMPUTATION
This code classifies the traumatic loss of a limb or other external body part. For an injury to be classified in this nature group, bone must be lost.

Includes: Decapitation, nonfatal amputations resulting from a gunshot wound, medical amputations due to irreparable traumatic injuries

Excludes: Traumatic injury without bone loss (0033), enucleation--eye removal (0038)

0032 ANIMAL BITE, NON-VENOMOUS
This code classifies nonvenomous traumatic injuries sustained from an animal bite, such as human, snake, dog and rodent bites. This code excludes snake bites (0037). If an animal bite simultaneously produces a parasitic or infectious disease or disorder, select a code within Infectious and Parasitic Diseases (2). If the manifestations of the animal bite are the result of the venom or poison, select the code for venomous animal bite (0091).

0033 AVULSION
This code classifies traumatic injuries that involve the ripping or tearing away of a body part or a nerve, such as the severing of the tip of the toe without bone loss.

Includes: Injury without bone loss, loss of fingertip without bone loss

Excludes: Amputation (0031); avulsion of joint capsule, ligament, muscles, or tendon (0020).

0034 INSECT STING/BITE
This code classifies nonvenomous traumatic injuries sustained from an insect sting or bite. If an insect bite simultaneously produces a parasitic or infectious disease or disorder, select a code within Infectious and Parasitic Diseases (2). If the manifestations of the insect bite are the result of the venom or poison, select the code for venomous animal bite (0091).

0035 LACERATION/CUTS

0036 PUNCTURE (except bites)
This nature group classifies traumatic injuries that are the result of piercing or puncturing the body surface.

Includes: Embedded foreign body, stab wounds, and impaling wounds
Excludes: Animal or insect bites (0032, 0034, 0037, 0091)

0037 SNAKE BITE
This code classifies nonvenomous traumatic injuries sustained from a snake bite. If a snake bite simultaneously produces a parasitic or infectious disease or disorder, select a code within Infectious and Parasitic Diseases (2). If the manifestations of the snake bite are the result of the venom or poison, select the code for venomous animal bite (0091).

0038 OTHER OPEN WOUNDS
This nature group classifies all gunshot wounds regardless of severity or location, except when a nonfatal amputation, paralysis, or nonfatal severed spine results.

In addition, this nature code classifies open wounds that are not elsewhere classified or are not specified.

Includes: Gunshot wounds, enucleations (traumatic removal or organ), open wounds not elsewhere classified
Excludes: Nonfatal amputation resulting from a gunshot wound (0031); paralysis or nonfatal severed spine resulting from a gunshot wound (0018)

0039 MULTIPLE OPEN WOUNDS
This nature code classifies multiple injuries and disorders of equal severity within the Open wounds group.

0040 Surface wounds and bruises

This group classifies traumatic bruises and other injuries that occur to the surface of the
body and generally do not involve open wounds.

0041 ABRASION/SCRATCHES
This nature code classifies traumatic injuries where the skin, mucous membrane, or superficial epithelium have been removed or marked, usually as a result of rubbing, scratching, or scraping.

0042 BLISTERS
This nature code classifies the localized collection of fluid in the epidermis associated with friction or impact.

*Includes*: Blood blisters and friction blisters
*Excludes*: Blister associated with burns (0048, 0050); allergic reaction, or reactions associated with other diseases, disorders, or injuries

0043 CONTUSIONS/BRUISES
This nature code classifies injuries that produce capillary hemorrhaging with the skin remaining intact.

*Includes*: Hematoma, black eye
*Excludes*: Concussion (0062); hemarthrosis (0020); nontraumatic cerebral hemorrhage (1030); traumatic cerebral hemorrhage (0060)

0048 OTHER SURFACE WOUNDS AND BRUISES
This nature group classifies friction burns and superficial surface wounds due to foreign bodies (splinters, chips).

In addition, this nature code classifies surface wounds and bruises that are not elsewhere classified or are not specified.

*Includes*: Friction burns, foreign body without mention of penetration depth
*Excludes*: Embedded foreign body (0036); chemical burns (0051); heat burns (0058); scalds (0058); electrical burns (0052), and unspecified burns (0058)

0049 MULTIPLE SURFACE WOUNDS AND BRUISES
This nature code classifies multiple injuries and disorders of equal severity within the Surface wounds and bruises group.

0050 Burns
This group classifies burns (tissue damage) resulting from a variety of sources including
heat, flames, hot substance, lightning, radiation, the corrosive action of chemicals, chemical compounds or fumes, heat, extremely cold objects, and electricity.

**Includes:** First, second, and third degree burns, lightning burns, radiation burns

**Excludes:** Friction burns (0048); frostbite (0072); sunburn (1074), and welder’s flash effect (1026)

0051 CHEMICAL BURN(S)

0052 ELECTRICAL BURN(S)

**Includes:** Lightning burns

**Excludes:** Welder’s flash effect (1026)

0053 FLASH BURN

0058 OTHER BURN(S)

This nature code classifies burns that are not elsewhere classified or are not specified.

**Includes:** Radiation burns, heat burns, scalds, burns from extremely cold objects

0059 MULTIPLE BURN(S)

This nature code classifies multiple injuries and disorders of equal severity within the Burns group.

0060 **Intracranial injuries**

This group classifies traumatic injuries to the cranium or skull and the structures within.

**Includes:** Cerebral hemorrhage with no mention of an underlying cause, crushed head, fatal skull fractures, nonspecific crushing injuries to the head

**Excludes:** Cerebral hemorrhage or strokes resulting from cerebrovascular disease (1030); cerebrovascular disease (1030); intracranial nerve damage (0013); nondescript loss of consciousness (4003); nonfatal skull fractures (0012)

0061 BRAIN DAMAGE

**Includes:** Crushing injuries to the head

0062 CONCUSSIONS
0068 OTHER INTRACRANIAL INJURIES
This nature code classifies intracranial injuries that are not elsewhere classified or are not specified.

Includes: Fatal skull fractures

0069 MULTIPLE INTRACRANIAL INJURIES
This nature code classifies multiple injuries and disorders of equal severity within the Intracranial injuries group.

0070 Effects of environmental conditions
This group classifies injuries or disorders that are a result of adverse environmental conditions.

Includes: Effects of reduced temperature, general heat, light, and air pressure
Excludes: Injuries or disorders associated with fire or flame

0071 EFFECTS OF AIR PRESSURE
This nature code classifies injuries or disorders resulting from effects of high, low, or changes in air pressure. Included are effects of high altitude or compressed air.

Includes: Aero-otitis media, aerosinusitis, barosinusitis, barotitis, bends, caisson disease, divers’ palsy, otitic barotrauma, sinus barotrauma

0072 FROSTBITE/OTHER LOW TEMP EFFECTS
This nature code classifies injuries or disorders resulting from abnormally reduced body temperature which affects body tissues, or the functioning of the central nervous system, circulatory system, or the endocrine system.

Includes: Chilblains, erythema pernio, frostbite, hypothermia, perniosis, trench foot
Excludes: Burns from extremely cold objects

0073 HEAT STROKE/OTHER HIGH TEMP EFFECT
This nature code classifies injuries or disorders caused by the effects of heat and light.

Includes: Heat apoplexy, heat edema, heat exhaustion, heat fatigue, heat pyrexia, heat stroke, heat syncope, ictus solaris, loss of consciousness associated with heat, siriasis, sunstroke, and thermoplegia
Excludes: Loss of consciousness without reference to heat (4003); sunburn (1074); heat burns (0058)
0078 OTHER EFFECTS OF ENVIRONMENTAL CONDITIONS
This nature code classifies other effects of environmental conditions that are not elsewhere classified or are not specified.

0079 MULTIPLE EFFECTS OF ENVIRONMENTAL CONDITIONS
This nature code classifies multiple injuries and disorders of equal severity within the Effects of environmental conditions group.

0080 Other traumatic injuries and disorders
This group classifies other traumatic injuries or disorders that are not assigned to the other major groups in Division 0.

0081 ASPHYXIA (STRANGULATIONS and SUFFOCATIONS)
This nature code classifies fatal and nonfatal injuries that involve the lack of oxygen, stopping of the respiration process, or obstruction to breathing.

Includes:  Inhaling or choking on food or other substances, and traumatic asphyxiations
Excludes:  Drownings (0082); strangulated hernia (1051); asphyxia from gas fumes and vapors (0099)

0082 DROWNING
This nature code classifies fatal suffocations as a result of submersion in liquid, especially in water.

0083 ELECTRIC SHOCK
This nature code classifies nonfatal traumatic injuries that result from contact with electric current.

Includes:  Lightning shock
Excludes:  Electric burns (0052)

0084 ELECTROCUTION
This nature code classifies fatal traumatic injuries that result from contact with electric current.

0089 OTHER TRAUMATIC INJURIES AND DISORDERS
This nature code includes traumatic injuries that involve internal organs or the blood vessels which are not classified under any other code through the nature of injury or illness structure.

This code also includes nonspecified traumatic injuries and disorders
where some description of the manifestation of the trauma is provided and generally where the part of body has been identified. For example sore neck, hurt arm, or pain in shoulder.

In addition, this code classifies traumatic injuries or disorders than can be identified as belonging in this group, but not enough information is available to determine which code.

*Includes: * Arterial hematoma, backache, crushing injuries, hurt back, internal injuries, low back pain, traumatic rupturing of blood vessels, fatal crushing injury to trunk--abdomen, chest, or pelvis, and traumatic aneurysm or fistula

*Excludes:* Nosebleeds (4004); bruises and contusions (0043); blood blisters (0042); crushing injuries to the head (0061)

**0090 Other poisonings and toxic effects**

This nature group classified cases of poisoning or the toxic effects resulting from medicinals, drugs, chemicals (venoms), and other substances.

*Includes:* Asphyxia from gas, fumes and vapors, carbon monoxide poisoning, toxic effects of food contaminants or noxious food stuffs--non-viral and non-bacterial, and lead poisoning

*Excludes:* Parasitic or infectious poisonings (2000), animal or insect bites that simultaneously produce a parasitic or infectious diseases or disorder (2000), other manifestations from animal or insect bites that are not the result of the venom or poison (0030), blood poisoning (2001).

**0091 ANIMAL BITE (VENOMOUS)**

**0092 CHEMICAL REACTION**

**0093 INSULIN REACTION**

**0094 INTERNAL DEPOSITION**

**0095 IONIZING RADIATION EFFECTS**

**0096 RADIATION EXPOSURE**

**0099 OTHER POISONING OR TOXIC EFFECTS**

This nature code classifies other poisonings and toxic effects that are not elsewhere classified or are not specified.

**0100 Traumatic complications**
This nature group classifies complications peculiar to medical or surgical procedures or certain medical complications following traumatic injuries and should be used only when the circumstances of the initial injury is unknown.

*Includes:* Anaphylactic shock with no mention of the underlying injury or illness, embolism (air or fat), traumatic shock, and unspecified reactions to injections such as tetanus or flu shots

*Excludes:* Electric shock and lightning shock (0083)

0101 BLOOD CLOT

0102 COMPLICATIONS PECULIAR TO MEDICAL CARE

0109 OTHER TRAUMATIC COMPLICATIONS

0110 Multiple traumatic injuries and disorders

This group classifies combinations of multiple traumatic injuries or disorders from more than one subgroup within this division. For example, an incident which involved a burn and a fracture, *of equal severity*, would be coded here. Combinations involving equally severe cuts and bruises, cuts and abrasions, or cuts, abrasions, and bruises are also coded here.

*Excludes:* Abrasions and bruises of equal severity (0049)

0111 MULTIPLE INJURIES, INTERNAL AND EXTERNAL

1 - Systemic Diseases and Disorders

This division classified toxic and non-toxic diseases or disorders affecting systems of the body. Diseases or disorders included may affect the whole named body system, or more commonly, affect only a part of the named body systems at the time of diagnosis.

*Excludes:* Traumatic injuries and disorders (0); infectious and parasitic diseases (2); neoplasms, cancers, and tumors (3)

1010 Diseases of the blood and blood forming organs

This group classifies toxic and non-toxic diseases of the blood and blood forming organs.

*Includes:* Agranulocytosis, anemias, aplasia, aplastic anemia, chronic lymphadenitis, coagulation defects, enzyme deficiency and hemoglobinuria due to hemolysis from external causes, Evans’ syndrome, hemolytic anemia, hemolytic-uremic syndrome, Kostmann’s syndrome, methemoglobinemia,
neutropenia, pancytopenia, polycythemia, purpura and other hemorrhagic conditions, qualitative platelet defects, sickle-cell anemia, thalassemias, thrombasthenia, thrombocytasthenia, thrombocytopenia, toxic (paralytic) anemia, diseases of white blood cells

Excludes: Leukemia (3002)

1011 DISEASES OF BLOOD

1020 Nervous system and sense organs diseases

This group classified inflammatory, generative and other disorders of the central and peripheral nervous system. Also classified are disorders of the sense organs of sight and hearing.

1021 CARPAL TUNNEL SYNDROME

1022 CONJUNCTIVITIS

This nature code includes non-viral conjunctivitis.

Excludes: Viral conjunctivitis (0001)

1023 DISEASE/DISORDERS OF CENTRAL NERVOUS SYSTEM

This code includes inflammatory diseases or disorders of the nerves and ganglia of the brain and spinal cord, degenerative diseases of the central nervous system, and demyelinating diseases and paralytic syndromes of the central nervous system.

Includes: Anoxic brain damage, anterior horn cell disease, cerebellar ataxia, encephalitis, epilepsy, intracranial and intraspinal abscess, meningitis, migraine, multiple sclerosis, paralytic syndromes without additional information, phlebitis and thrombophlebitis of intracranial venous sinuses, other myelopathies of the spinal cord, other spinocerebellar diseases, Parkinson’s disease, Reye’s syndrome, spinocerebellar disease, vascular myelopathies

Excludes: Traumatic injuries or disorders affecting the central nervous system (0010); traumatic intracranial injuries (0060);

1024 HEARING IMPAIRMENT

This nature code includes both traumatic and nontraumatic hearing impairment.

Includes: Hearing impairment sustained from sudden or repeated noise
Excludes: Deafness (1025)

1025 HEARING LOSS (DEAFNESS)
This nature code includes both traumatic and nontraumatic hearing loss/deafness.

Includes: Complete hearing loss sustained from sudden or repeated noise
Excludes: Hearing impairment (1024)

1026 WELDER'S FLASH EFFECT

1029 OTHER NERVOUS SYSTEM AND SENSE ORGANS DISEASES
This nature code includes disorders of the peripheral nervous system that are not elsewhere classified; disorders of the eye, adnexa, and vision that are not elsewhere classified; and disorders of the ear, mastoid process, and hearing that are not elsewhere classified.

Includes: Bell’s palsy, blindness or low vision, cataracts, chorioretinal inflammations, disorders of choroid, disorders of the eyelid and other parts of the eye, disorders of the iris and ciliary body, disorders of the globe of the eye; glaucoma, keratitis, mastoiditis, muscular dystrophies, nontraumatic lesions of the median, nontraumatic retinal detachments, nontraumatic visual disturbances, otalgia, other mononeuritis of the extremities, otitis externa, otitis media (except aero), otosclerosis, solar retinopathy, tarsal tunnel syndrome, tinnitus, traumatic and nontraumatic loss of vision, ulnar and radial nerves, ultraviolet keratoconjunctivitis, visual disturbances

Excludes: Aero-otitis media (0071); carpal tunnel syndrome (1021); chemical burns to the eye (0051); conjunctivitis (1022 and 2001); earache without further description (4009); eye strain (4009); foreign body in eye (0048); traumatic injury affecting the peripheral nervous system (0013); traumatic injury to the eye and adnexa of the eye (0); welder’s flash effect (1026);

1030 Diseases of the heart or circulatory system

This group classifies diseases or disorders of the circulatory system.

Excludes: Traumatic intracranial injuries (0060); traumatic bruises and contusions
(0043); traumatic internal injuries to organs and blood vessels of the trunk (0089)

1031 DISEASES OF THE VEINS OR ARTERIES

Includes: Acute cor pulmonale, acute pericarditis, acute and subacute endocarditis, acute myocarditis, angina pectoris, aortic and other nontraumatic aneurysms, atherosclerosis, Buerger’s disease, cardiac dysrhythmias, cerebrovascular disease, chronic rheumatic heart disease and acute rheumatic fever, disease of arteries and capillaries, coronary atherosclerosis, disease of pulmonary circulations, diseases of veins and lymphatics, Goodpasture’s syndrome, hemorrhoids, hypertensive heart disease, hypertensive renal disease, ill-defined descriptions and complications of heart disease, ischemic heart disease, kyphoscoliotic heart disease, nontraumatic arterial embolism and thrombosis, occlusion and stenosis of precerebral arteries including embolism and thrombosis, occlusion of cerebral arteries, peripheral vascular disease, phlebitis, primary pulmonary hypertension, prinzmetal angina, Raynaud’s syndrome, thrombophlebitis, thrombosis and embolism of veins, toxic and non-toxic cardiomyopathy, toxic myocarditis, transient cerebral ischemia, varicose veins

1032 HEART ATTACK

Includes: Cardiac infarction; coronary (artery) embolism, occlusion, rupture, or thrombosis; heart attacks resulting from atherosclerosis or coronary artery disease; infarction of heart, myocardium, or ventricle

1033 STROKE

Includes: Strokes resulting from diseases of the veins or arteries

1039 OTHER DISEASES OF THE HEART OR CIRCULATORY SYSTEM
This nature code classifies diseases of the heart and circulatory system that are not elsewhere classified or are not specified.

1040 Respiratory system diseases
This group consists of diseases of the respiratory system.
Includes: Acute and chronic diseases of the upper respiratory tract, allergic rhinitis, aluminosis, anthracosis, atelectasis or collapsed lung, bagassosis, black lung, bauxite fibrosis, bronchitis, bronchiolitis, brown lung, byssinosis, chronic diseases of tonsils and adenoids, chronic obstructive pulmonary diseases, cotton-dust asthma, cotton-mill fever, emphysema, empyema, extrinsic asthma, extrinsic allergic alveolitis, farmers’ lung, graphic fibrosis, humidifier fever, influenza, laryngitis, metal fume fever, mill fever, miner’s asthma, Monday fever, intrinsic asthma, laryngotracheitis, Legionnaires’ disease, nasal polyps, nasopharyngitis, peritonsillar abscess, pharyngitis, pleurisy, pneumonia, pneumonitis, pneumoconioses, pneumoconiosis with tuberculosis, pneumonopathy, pulmonary edema, pulmonary fibrosis, siderosis, silicosis, sinusitis, spontaneous pneumothorax, stannosis, stripper’s asthma, talcosis, tonsillitis, tracheitis

1041 ASBESTOSIS
1042 BERYLLIOSIS
1043 UPPER RESPIRATORY CONDITION/DISEASE
1049 OTHER RESPIRATORY SYSTEM DISEASES
   This nature code classifies respiratory system diseases that are not elsewhere classified or are not specified.

1050 Digestive system diseases and disorders

This group classifies diseases of the digestive system and includes diseases of the oral cavity, salivary glands, and jaws; diseases of the esophagus, stomach, and duodenum; hernias of the abdominal cavity; noninfectious enteritis and colitis.

Includes: Cirrhosis of the liver, duodenal ulcer, duodenitis, esophageal hernia, femoral hernia, gastric ulcer, gastritis, gastrojejunal ulcer, hiatal hernia, ileitis, inguinal hernia, noninfectious colitis, noninfectious enteritis, pancreatitis, paraesophageal hernia, peptic ulcer, scrotal hernia, toxic hepatitis--noninfective, umbilical hernia, ventral hernia

Excludes: Herniated disk (0014); herniated brain (1023); infectious or viral hepatitis (2003); strangulations (0081)

1051 HERNIA
1052 ULCER
1053 TOXIC HEPATITIS
1059 OTHER DIGESTIVE SYSTEM DISEASES
This nature code classifies digestive system diseases that are not elsewhere classified or are not specified.

1060 Musculoskeletal system and connective tissue diseases and disorders
This group classifies diseases of the musculoskeletal system and connective tissue.

Includes: Acquired musculoskeletal deformities, ankylosis of the joint, arthritis, arthropathies, bone infections, chondropathies, curvature of the spine, dorsopathies, ganglion/cystic tumor, intervertebral disc disorders, lumbago, myositis, nontraumatic backaches, periostitis, polyarthritis, osteopathies, rheumatism, rotary cuff syndrome, rupture of synovium, sciatica, spondylitis, spondylosis of the spine, trigger finger

Excludes: Dislocated disc (0014); fractured spine (0012); gouty arthropathy (1080), herniated disk (0014); rheumatic fever with heart involvement (1039); ruptured disk (0014); sprains (0021); strains (0022); traumatic back pain or backache (0089); traumatic injuries to muscles, tendons, ligaments, or joints (0029)

1061 BURSITIS

1062 SYNOVITIS

1063 TENDONITIS

1064 TENOSYNOVITIS

1069 OTHER MUSCULOSKELETAL SYSTEM DISEASES
This nature code classifies musculoskeletal system diseases that are not elsewhere classified or are not specified.

1070 Disorders of the skin and subcutaneous tissue
This group classifies diseases and disorders of the skin and subcutaneous tissue.

Includes: Abscess, acne, acute lymphadenitis, astenatosis--cutis, atheroma, boils, callosities, carbuncle, cellulitis, chronic skin ulcers, contact dermatitis, corns, dandruff, dermatitis, dermatitis due to substances taken internally, dermatoses, diseases of the hair, diseases of the nail, disorders of sweat glands, eczema, erythematosus conditions, folliculitis, furuncle, hives, impetigo, ingrown nail, keratin, lichen, parakeratosis, pilonidal cyst,
pityriasis, prickly heat, pruritus, psoriasis, pyoderma, rosacea, sebaceous cyst, urticaria, urticaria, vitiligo, wen, xerosis cutis


1071 ALLERGENIC DERMATITIS
1072 CONTACT DERMATITIS
1073 DERMATITIS
1074 SUNBURN
1079 OTHER SKIN CONDITIONS

1080 Other systemic diseases and disorders

This group includes diseases and disorders of the genitourinary system.

This group also classifies systemic diseases or disorders not elsewhere classified.

Includes: Abscess of breast, adrenal gland disorders, benign mammary dysplasias, cystic fibrosis, cystitis, diabetes, diseases and disorders of the genital tract, endocrine disorders, goiter, gout, hydronephrosis, immunity disorders, mastitis of the breast, metabolic disorders, nephritis, nephrotic syndrome, nephrosis, nutrient transport disorders, nutritional disorders, ovarian dysfunction, parathyroid disorders, pituitary disorders, renal failure, spontaneous abortion (miscarriage), testicular dysfunction, thymus disorders, thyroid gland disorders, thyroiditis, urethral stricture, urethritis, vitamin or mineral deficiencies

Excludes: Breast cancer (3002), HIV infection (2000)

1081 OTHER SYSTEMIC DISEASES AND DISORDERS

2 - Infectious and Parasitic Diseases

This division classifies infections: bacterial, viral, rickettsial, fungal, and parasitic. These infectious agents are transmitted to a person through inhalation, ingestion, or contact with the skin. These diseases are generally recognized as communicable or transmissible, with a few of unknown but possibly infectious origin.
Excludes: Inflammation diseases of the central nervous system due to viral, bacterial, fungal and other organisms (1023); pneumonia and influenza due to viral and bacterial agents (1040)

2001 INFECTION
This nature code classifies bacterial and viral diseases not elsewhere classified. This code specifically excludes arthropod-borne diseases, diseases caused by fungi, diseases caused by parasitic worms, and infectious diseases peculiar to the intestines (2009).

Includes: BACTERIAL: Anthrax, actinomycotic infections, blood poisoning, brucellosis, dengue, diphtheria, erysipelas, glanders, gonorrhea, leprosy, leptospirosis, melioidosis, meningococcal infection, pinta, plague, rat-bite fever, scarlatina, septicemia, streptococcal sore throat, syphilis, tularemia, venereal diseases, Vincent’s angina, whooping cough, yaws, zoonotic bacterial diseases
VIRAL: Abacterial meningitis, acute poliomyelitis, acquired immune deficiency syndrome (AIDS), AIDS-related complex (ARC), aseptic meningitis, cat scratch disease, chickenpox, cowpox, diseases due to Coxsackie virus, enterovirus diseases, foot and mouth disease, hemorrhagic fever, herpes simplex, herpes zoster, human immunodeficiency virus (HIV) infection, measles, meningitis due to enterovirus, mononucleosis (infectious), mumps, ornithosis, paravaccinia, parrot fever, psittacosis, rables, rubella/german measles, smallpox, trachoma, viral conjunctivitis, viral encephalitis, viral infection of the central nervous system, viral meningitis, yellow fever

Excludes: Arthropod-borne diseases (2009); diseases caused by fungi (2009); diseases caused by parasitic worms (2009); infectious diseases peculiar to the intestines (2009); lyme disease (2009); non-viral disorders of the conjunctiva (1022)--if the source document only specifies conjunctivitis, select code 1022;,

2003 HEPATITIS

Includes: Type A viral hepatitis (infectious hepatitis), Type B viral hepatitis (serum hepatitis), Non Type A or Type B viral hepatitis

2004 TETANUS

2005 TUBERCULOSES

Includes: Primary tuberculous infection, pulmonary tuberculosis, miliary
2009 OTHER CONTAGIOUS OR INFECTIOUS DISEASE
This nature code classifies contagious or infectious diseases that are not elsewhere classified or are not specified, including arthropod-borne diseases, diseases caused by fungi, diseases caused by parasitic worms, and infectious diseases peculiar to the intestines.

*Includes:* Acariasis, ainhum, allescheriosis, amebiasis, ancylostomiasis, anisakiasis, ascariasis, aspergillosis, athlete’s foot, balantidiasis, bartonellosis, Behcet’s syndrome, bilharziasis, blastomycotic infection, Brill-Zinsser disease, candidiasis, capillariasis, Carrion’s disease, cestode infection, Chagas’ disease, chiggers, cholera, chromoblastomycosis, coccidioidomycosis, coccidiosis, colitis, cryptococcosis, dermatophytosis, dermatomyositis, dracontiasis, dysentery, echinococcosis, enterobiasis, filarial infection, fluke, food poisoning, giardiasis, helminthiases, histoplasmosis, infectious enteritis, jigger disease, Q fever, leeches, leishmaniasis, lice infestation, louse or flea borne typhus, lyme disease, maggots, malaria, mites, mycoses, mycotic mycetoma, necatoriasis, oroya fever, paracoccidioidomycosis, pediculosis and phthirus infestation, pneumocystosis, psorospermiasis, rhinosporidiosis, salmonella infections, sarcoidosis, sarcosporidiosis, scabies, schistosomiasis, scrub or tropical typhus, shigellosis, sleeping sickness, sporotrichosis, spotted fevers, strongylodiasis, relapsing fever, rickettsioses diseases, tapeworm, tick-born rickettsioses, tick typhus, tinea, toxoplasmosis, trematode infection, trench fever, trichomoniasis, trichinosis, trichostrongyliasis, trichuriasis, trypanosomiasis, typhoid and paratyphoid fevers, typhus, verruga peruana, zygomycosis

*Excludes:* toxic effects of food contaminants (0099)

3 - Neoplasms, Tumors, and Cancers

This division classifies diseases or conditions related to tumors, or neoplasms: the new growth of tissue in which the multiplication of cells is uncontrolled and progressive. The behavior of tumors or neoplasms may be benign, cancerous, or of uncertain behavior at the time of diagnosis.

3001 BENIGN AND UNSPECIFIED NEOPLASM
This code classifies non-cancerous neoplasms and tumors of the bone, connective tissue, the skin, and internal organs. It also classifies neoplasms and tumors of unknown properties, uncertain behavior, unspecified nature, or unspecified morphology.
Includes: Benign neoplasms of bone and articular cartilage, benign neoplasms of the skin, lipoma (fatty tumor), benign neoplasms of other sites, hemangioma, lymphangioma, multiple benign neoplasms, neoplasms of unknown properties

3002 MALIGNANT NEOPLASM
This code classifies cancers that are grouped by location or site. Malignant neoplasms, or tumors, are divided into two broad categories of carcinoma and sarcoma; both are included in this major group.

Includes: Cancers of the bone and articular cartilage; cancers of the connective and other soft tissue; melanocarcinoma, squamous, basal cell, and multiple malignant neoplasms and tumors of the skin; cancers of the lymphatic and hematopoietic tissue; Di Guglielmo’s disease; erythremic myelosis; Heilmeyer-Schoner disease; Hodgkin’s disease; Kahler’s disease; leukemia; lymphoid; lymphoma; malignancy of the digestive organs and peritoneum; malignancy of the intrathoracic organs; malignancy of the genitourinary organs; malignancy of the brain; malignancy of the eyeball; malignancy of the endocrine glands; malignancy of the oral cavity pharynx; monocytic; multiple malignant neoplasms and tumors; multiple myeloid; myeloma; myelomatosis; nodular sclerosis; reticulum cell sarcoma;

4 - Symptoms, Signs, and Ill-defined Conditions

This division classifies symptoms, signs, or abnormal results from laboratory or investigative medical tests or procedures. It includes those ill-defined conditions that can not be classified elsewhere, such as:

- Symptoms of conditions that accompany a disease or illness--where no other diagnosis is available and another classification cannot be inferred from the report.
- Abnormal results from laboratory or investigative medical testing or procedures when no specific diagnosis or symptoms are reported on the report.

Codes from this division should be used when no specific diagnosis is named and cannot be inferred from information found on the source document.

Includes: Abdominal pain--unspecified, abnormal blood gas level, abnormal blood level of lead, abnormal blood level of substances, abnormal electrocardiogram (ECG, EKG), abnormal electroencephalogram (EEG), abnormal electoretinogram (ERG), abnormal involuntary movements, abnormal karyotype, abnormal mammogram results, abnormal reflex, abnormal sputum, abnormality of gait,
acetonuria, anisocytosis, anuria, aphasia, ascites, biliuria, changes in skin texture, chest pain, chills, chyluria, coin lesion, convulsions, cough with hemorrhage, crystalluria, cyanosis, difficulty in swallowing, disturbances of skin sensation, dizziness, dysphagia, dysuria, earache, edema (including dropsy), elevated blood pressure (without diagnosis of hypertension), enlargement of lymph nodes, epistaxis, eye strain, excessive sweating, fatigue, frequency of urination, gangrene, general symptoms, hallucinations, headache (except migraine), heartburn, hemoglobinuria, hemoptysis, hepatomegaly, hyperhidrosis, hyperventilation, lack of coordination, loss of consciousness—not heat related, low blood pressure, malaise, meningismus, myoglobinuria, nausea and vomiting, non-specified allergic reaction, oliguria, orthopnea, pallor and flushing, poikilocytosis, positive culture findings, raised levels of immunoglobulins, rapid heart beat, reaction to tuberculin test, renal colic, seizures, shadow of lung, shortness of breath, sleep disturbances, spasms, splenomegaly, stridor, stupor, tachypnea, tenesmus, tetany, throat pain, tremors, unspecified bacteremia and viremia, unspecified jaundice, unspecified tachycardia, voice disturbances, wheezing

4001 INFLAMMATION

4002 IRRITATION

4003 LOSS OF CONSCIOUSNESS

Excludes: Heat related loss of consciousness (0073)

4004 NOSEBLEED

Includes: Epistaxis

4009 OTHER SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS

5 - Other Diseases, Conditions, and Disorders

This division classifies physical characteristics for which there is sufficient information for coding purposes, but no specific code exists in previous divisions.

5001 DAMAGE TO PROSTHETIC DEVICE
   This nature code classifies injuries or illnesses sustained to a prosthetic device only. If the incident involves a part of the body, code for the specific injury or illness names.

5002 MENTAL DISORDERS OR SYNDROMES
   This nature code is comprised of neurotic, psychotic, and organic mental disorders or syndromes.
When mental disorders or syndromes are described as sequelae or aftereffect of a traumatic injury or disorder, the initial or underlying condition should be coded. For example, if the individual is experiencing acute depression as a result of chronic pain from a back injury, code the back injury. However, if a mental disorder is secondary to a traumatic incident--witnessing a traumatic amputation of another person--code the mental disorder.

*Includes:* Job-related stress, neurotic reaction to stress, organic affective syndrome, panic disorder, post-traumatic anxiety, substance induced mental disorder

5009 OTHER DISEASES, CONDITIONS, AND DISORDERS
This nature code includes all other diseases, conditions, and disorders which are not classified under any other code through the nature of injury or illness structure.

6 - Multiple Diseases, Conditions, and Disorders

This division classifies multiple physical characteristics whose individual codes are found in two or more of the following divisions: Systemic Diseases and Disorders (1); Infectious and Parasitic Diseases (2); Neoplasms, Tumors, and Cancers (3); Symptoms, Signs and Ill-defined Conditions (4); and Other Diseases, Conditions, and Disorders (5).

6001 MULTIPLE DISEASES, CONDITIONS, AND DISORDERS
Chapter D - Source, Target, and Other Equipment Codes

**Source** - For injury/illness events, this field identifies the object, substance, bodily motion, or exposure that produced or inflicted the injury/illness.

**Target** - For property damage events, this field identifies the item, equipment, or system that was damaged by the accident/incident.

**Other Equipment** - For injury or illness events, this field identifies the object or substance that generated the source of injury or illness or that contributed to the event or exposure. For property damage and vehicle accident events, this field identifies the object or substance that primarily caused to the accident and identifies objects or substances that contributed to the event or exposure.

The source, target, and other equipment code divisions are arranged as follows:

<table>
<thead>
<tr>
<th>DIVISION</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Chemicals and Chemical Products</td>
</tr>
<tr>
<td>1</td>
<td>Containers</td>
</tr>
<tr>
<td>2</td>
<td>Furniture and Fixtures</td>
</tr>
<tr>
<td>3</td>
<td>Machinery</td>
</tr>
<tr>
<td>4</td>
<td>Parts and Materials</td>
</tr>
<tr>
<td>5</td>
<td>Persons, Plants, Animals, and Minerals</td>
</tr>
<tr>
<td>6</td>
<td>Structures and Surfaces</td>
</tr>
<tr>
<td>7</td>
<td>Tools, Instruments, and Equipment</td>
</tr>
<tr>
<td>8</td>
<td>Vehicles</td>
</tr>
<tr>
<td>9</td>
<td>Other</td>
</tr>
</tbody>
</table>

**RULES OF SELECTION FOR SOURCE:**

1. Name as the source the object, substance, element, or bodily motion which *directly produced the injury/illness previously identified* in the nature of injury or illness classification. Generally, this is found on the equipment #1 field of the 5484.3 form. However, you should read the narrative to verify that the correct source object, substance, element, or bodily motion was listed in the equipment #1 field.

2. If the injury or illness was inflicted by a specific *part* of a *machine*, *tool*, or *vehicle*, name the *whole* machine, tool, or vehicle as the source of injury *Except* when the part is separated from or was independent of the “whole.” In these instances, code that *part* as source.

3. If the injury or illness was inflicted by a specific *part* of a *structure* (window, door, stairs) name that *part* as the source.
4. When an injury or illness was produced by a filled container, name the container, not the contents, as the source unless the injury or illness was directly inflicted by the contents, such as hot liquids or chemicals.

5. Coding bodily motion or position (bodily motion or position is included under injured or ill person–5801) as the source of injury or illness:
Name bodily motion or position as the source of injury or illness only when the injury resulted solely from the stress or strain induced by the free movement of the body or its parts (voluntary or involuntary), or from the assumption of a strained or unnatural body position.
Bodily motion or position includes injuries or illnesses resulting from reaching, turning, twisting, bending, walking, climbing, running, and from efforts to recover from a loss of equilibrium, provided that the loss of equilibrium does not result in a fall or in forcible contact with an object above the working surface.

Do not name bodily motion or position as the source of injury or illness if the injury or illness resulted from any of the following:
   a) falling
   b) bumping into or striking an external object
   c) nonrepetitive lifting, pushing, pulling, wielding, or throwing an external object.

For injuries or illnesses in which either repetitive motion or sustained viewing is coded as the event, select bodily motion or position as the source of injury or illness.

6. If, as the result of a transportation accident, a person who was in or on a vehicle or mobile equipment is injured, name the vehicle or mobile equipment as the source of injury.

7. Selecting source from multiple objects or substances:

When an injury results from forcible contact with two or more objects, either simultaneously or in rapid sequence, and it is impossible to determine which object directly produced the injury, select the source as follows:

a) When the choice is between a moving object and a stationary object, select the moving object. Example: If a person is struck by a moving vehicle and thrown against a post, name the vehicle as the source of injury.

b) When the choice is between two moving objects or between two stationary objects, select that which was contacted last. Example: If a person falls from an elevator, striking one or more objects in the course of his fall, but finally striking the floor, name the floor surface as the source of injury.

When an injury or illness results from two or more different objects or substances, all of which contributed to producing the injury or illness, select the source code as follows:
a) When there are two substances from the Chemical Division, select the appropriate “Multiple” code for that combination of chemicals.

b) When the two objects or substances are in the same group, select the other code for that grouping.

c) When the two objects or substances are not in the same group, use the code for OTHER, NOT ELSEWHERE CLASSIFIED (9899).

8. Select atmospheric and environmental conditions or geological events--rain, earthquakes, wind--as the source of injury or illness when that is the only possible source identified. Example: If a worker sustained multiple injuries in an earthquake, and no other source could be determined, select earthquake as the source of injury. However, if an employee were driving in a rainstorm and had an automobile accident resulting in injury, select vehicle as the source.

RULES OF SELECTION FOR OTHER EQUIPMENT (SECONDARY SOURCE) FOR INJURY/ILLNESS CASES:

1. Name as the source the object, substance, element, or bodily motion which contributed to the injury/illness previously identified in the nature of injury or illness classification. Generally, this is found on the equipment #2 field of the 5484.3 form. However, you should read the narrative to verify that the correct source object, substance, element, or bodily motion was listed in the equipment #2 field.

2. When the source of injury or illness is a moving object or harmful substances, name the machine, tool or equipment which generated the source or which propelled it. If none, name the work object from which the source originated, such as the steel plate from which a metal chip fell. Exceptions to this rule for Fires, Explosions, Assaults, and Transportation Accidents are noted below.

When the source is an infectious agent, name the object or person through which the agent was transmitted.

3. When an involuntary motion leads to an injury or illness—such as when a worker slips, trips, or is pushed or pulled into an object—name the object or substance, other than source, which contributed to the involuntary motion. Examples of objects and substances that could contribute to involuntary motion include clothing, jewelry, or cleaning cloths that pulled the worker into a machine, and substances such as ice, water, or grease that a worker slipped on.

If no other contributing factor is named for incidents involving falls to lower levels, name the surface or object from which the worker fell.
4. If the event is **fires** or **explosions**, name the flammable substance, other than the source, that ignited or exploded. If none is noted, name the machine, equipment, or object, other than the source, that caught fire or exploded.

5. If the event is **assaults and violent acts**, name the person, if not the source, who committed the act.

6. If the event is **repetitive motion** or **sustained viewing**, name the machine, tool, or equipment that was being used or handled.

7. If the event is a **transportation accident** involving a collision, name the vehicle, machine, or object with which the source collided.

8. In the absence of a specific rule above, if **two object or substances** contributed to an event, name the object, or substance which was not selected as the source. If more than two objects, substances, other than source, are involved, select:
   - powered or energized objects over nonpowered objects.
   - moving objects over nonmoving objects.
   - objects actively contributing to the event over passive objects.

9. Select **atmospheric and environmental conditions** or geological events--**rain**, **earthquakes**, **wind**--as the secondary source of injury or illness when that is the only possible secondary source identified. *Example: If a worker sustained multiple injuries when struck by an object in an earthquake, select earthquake as the secondary source.*

10. If no **object, substance, or person** is determined to meet the definition and rules listed above, no secondary source is selected.

**RULES FOR SELECTION OF OTHER EQUIPMENT FOR PROPERTY AND VEHICLE CASES:**

These rules are basically the same as the source and other equipment rules for injury and illness. In this field, source should be listed first, followed by other equipment(s). The codes are separated by a comma.

**RULES OF SELECTION FOR TARGET:**

1. Name as the target the object, substance, element, or bodily motion which was damaged in the accident. You should read the 5484.3 form narrative to identify the target.

1. If the damage occurred to a specific **part** of a **machine**, **tool**, or **vehicle**, name the **whole** machine, tool, or vehicle as the target. *Except when the part separated from or was independent of the “whole.”* In these instances, code that **part** as the target.
2. If the damage occurred to a specific part of a structure (window, door, stairs) name that part as the target.

3. When damage occurred to two or more different objects, select the target code as follows:
   a) When the two objects are in the same group, select the other code for that grouping.
   b) When the two objects are not in the same group, use the code for OTHER, NOT ELSEWHERE CLASSIFIED (9899).

0 - Chemicals and Chemical Products

This division includes chemicals and chemical products in various states—liquids, gas, fumes, vapors, and solids. In general, the specific chemical code (groups 01-05, 08, and 09) should be used when the specific chemical or type of chemical is known. When only the type of product is known, the appropriate code for the product (groups 06 and 07) should be used.

Carbon monoxide resulting from the incomplete combustion of fuels or contained in motor vehicle exhaust gas, blast furnace gas, or kiln vapor is coded 0905, carbon monoxide.

Includes: Acids; alkalies; aromatics and hydrocarbons derivatives; halogens and their compounds; metallic dusts, powders and fumes; agricultural chemicals and pesticides; coal, natural gas, petroleum fuels and products; and other chemicals and chemical products.

Excludes: Tars and sealants (47); metallic minerals (55); nonmetallic minerals, except fuels (56); smoke and fire gases (93); scrap, waste, debris (95) unless specified as chemical; and nonchemical steam and vapors (96).

01 Acids

This group includes acids of various types.

Includes: Acid gases; inorganic acids; and organic acids.

Excludes: Benzoic and phenylacetic acids (as herbicides) (0602); LSD (0706).

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>0101</td>
<td>HYDROCHLORIC ACID</td>
</tr>
<tr>
<td></td>
<td>Muriatic acid</td>
</tr>
<tr>
<td>0102</td>
<td>HYDROFLUORIC ACID</td>
</tr>
<tr>
<td>0103</td>
<td>HYDROGEN BROMIDE</td>
</tr>
<tr>
<td>0104</td>
<td>HYDROGEN CHLORIDE GAS</td>
</tr>
<tr>
<td>0105</td>
<td>NITRIC ACID</td>
</tr>
<tr>
<td></td>
<td>Aqua fortis</td>
</tr>
<tr>
<td>0106</td>
<td>SULFURIC ACID</td>
</tr>
<tr>
<td></td>
<td>Battery acid</td>
</tr>
</tbody>
</table>
02 Alkalis

This group includes chemicals commonly known as alkalis, bases, or caustics, which includes wet and dry cement mix, mortar, lime (except chlorinated lime), lye, products that contain lye (e.g., drain and oven cleaners), and limestone.

*Includes:* Calcium hydroxides, calcium oxides, calcium and sodium carbonates, dry/wet cement, lime, lithium hydroxide, sodium and potassium hydroxide, potassium carbonate.

*Excludes:* Chlorinated lime (0404); nonlye oven cleaners.

0201 CEMENT
   *Mortar mix*

0202 SODA ASH
   *Sodium carbonate*

0203 SODIUM

0205 SODIUM HYDROXIDE

0299 OTHER ALKALI
   *Calcium hydroxide*
   *Lye*
   *Calcium oxide*
   *Potassium carbonate*
   *Caustic potash*
   *Potassium hydroxide*
   *Caustic soda*
   *(or baking soda)*
   *Lime*
   *Sodium hydroxide*
   *Limestone, calcium carbonate*
   *White potash*
   *Lithium hydroxide*
   *Unspecified*
   *Other, not elsewhere classified*

03 Aromatics and hydrocarbon derivatives, except halogenated

This group includes alcohols, aldehydes, amines, aromatics, ethers, ketones, peroxides, and nitrohydrocarbons, except for those containing the halogens--chlorine, fluorine, bromine, iodine, or astatine.

*Includes:* Alcohols, antifreeze, aldehydes, amines--nonaromatic, aromatics, ethers, ketones, peroxides.
Excludes: Aromatics and hydrocarbon derivatives containing halogens (04).

0301 ACETONE

- Dimethyl ketone
- Propanone

0302 ALCOHOL

This code includes alcohol as a source of injury incurred during the manufacture of alcoholic beverages. Code 0702 should be selected when alcohol is used as a beverage.

- Allyl alcohol
- Dimethyl carbinol
- Fusel oil
- Glycerol
- Isopropanol
- n-butyl alcohol

0303 ANILINE (and other aromatic amines)

- 2-Acetylaminofluorene
- alpha-, beta-Naphthylamine
- Aminobenzene
- Aminodiphenyl
- Benzidine
- Butter yellow

0304 ANTIFREEZE

- Radiator coolant

0305 ETHANOL

- Cologne spirit
- Ethyl alcohol
- Ethyl hydrate
- Ethyl hydroxide

0306 ETHYLENE

- Ethylene glycol (EG)
- 1,2-Ethanediol
- Glycol
- Glycol alcohol

0307 HYDROCARBONS (except halogenated)

- Acridine
- Dinitrobenzene
- Dinitro-o-cresol
- Dinitrophenol (DNP)
- Dinitrotoluene (DNT)
- Hydrazine

0308 BENZOL (or BENZENE)

- Benxole

Chapter D – Source, Target, and Other Equipment
Coal naptha    Phenyl hydride
Cyclohextriene

0309 HYDROGEN PEROXIDE
This codes includes bleaching agents that contain hydrogen peroxide.

0310 LITHIUM PEROXIDE

0311 METHYL ALCOHOL (OR METHANOL)
  Carbinol    Wood spirits
  Wood alcohol

0312 METHYL ETHYL KETONE (MEK)
  Butanone    Ethyl methyl ketone

0313 TOLUENE
  Methylbenzene    Phenylmethane
  Methylbenzol    Toluol

0314 XYLENE
  Dimethylbenzene    Xylol

0399 OTHER AROMATIC COMPOUND
  Acetaldehyde    2-Furaldehyde
  Acetic aldehyde    Furol
  Acraldehyde    Furfural
  Acrolein    Furfuraldehyde
  Acrylic aldehyde    2-hexanone
  Aldehyde    Isopropyl amine
  Allyl aldehyde    Mesityl oxide
  Anesthetic ether    Methyl aldehyde
  Benzoyl peroxide    Methyl amine
  Butyl amine    Methyl ethyl ether
  Butyraldehyde    Methyl isobutyl ketone
  Diacetone    Methyl n-butyl ketone (MBK)
  Diacetone alcohol    Methyl n-propyl ketone
  Diethyl oxide    Methylene oxide
  Dioxane    Oxomethane
  Ether    Oxymethylene
  Ethoxyethane    Potassium peroxide
  Ethyl aldehyde    Propenol
  Ethyl amine    Propionaldehyde
  Ethyl ether    Propyl acetone
  Ethyl oxide    Propyl acetone
  Formaldehyde    Propyl amine
  Formalin    Pyromucic aldehyde
  Formic aldehyde    Sodium peroxide
  Vinyl Ether

Other, not elsewhere classified    Unspecified

04 Halogens and halogen compounds
This group contains the halogens--bromine, chlorine, fluorine, iodine, and astatine--and their compounds. Halogenated hydrocarbons, such as carbon tetrachloride, and the fluorocarbons are included in this group. Compounds that contain both fluorine and chlorine should be coded under 0406.

Vinyl chloride and polyvinyl chloride are included under plastics/resins, code 0923. Chlorinated hydrocarbons used as insecticides should be classified under code 0603. Acids containing the halogens are included under group 01.

Includes: Bromine and bromine compounds, chlorine and chlorine compounds, fluorine and fluorine compounds, iodine and iodine compounds.

Excludes: Acids containing halogens (01); insecticides (0603); nonchlorine bleaches (0309 or 0799); vinyl chloride, polyvinyl chloride (0923).

0402 CARBON TETRACHLORIDE
0403 CHLORIDE AND CHLORIDE COMPOUNDS
  Calcium chloride   Ethyl chloride
  Chloroethane   Methyl chloride
  Chloroform   Methylene chloride
  Chloromethane   Pentachlorophenol
  Dichloromethane   Phosgene

0404 CHLORINE
  Chlorine bleach

0406 FLUORINE AND FLUORINE COMPOUNDS
(excluding Fluorotrichloromethane)
  Fluorocarbons   Methyl fluoride

0407 FREON (or FLUOROTRICHLOROMETHANE)
  Monofluorotrichloromethane   Trichlorofluoromethane
  Refrigerant 11   Trichlormonofluoromethane

0408 IODINE AND IODINE COMPOUNDS
0410 PERCHLOROETHYLENE
0411 POLYCHLORINATED BIPHENOL (PCBs)
0415 TRICHLOROETHYLENE
0499 OTHER HALOGENS AND HALOGENATED COMPOUND
  Astatine and compounds   Methyl bromide
  Bromine and compounds   Potassium bromide
  Ethylene dibromide   Unspecified
  Other, not elsewhere classified

05 Metallic particulates, trace elements, dusts, powders, fumes

This group includes metallic fumes, particulates, and liquid solutions other than molten metals. Welding fumes as well as fumes from other heating or smelting processes are
included. When the injury is due to solid metal ores, or due to the radiation properties of a metal, use group 55.

Finished metal products should be coded under the appropriate functional category.

**Includes:** Arsenic, arsenic compounds, beryllium and beryllium compounds, cadmium and cadmium compounds, lead and lead compounds, mercury and mercury compounds, aluminum and aluminum compounds, antimony, chromium and chromium compounds, iron and iron compounds, magnesium and magnesium compounds, manganese, nickel and nickel compounds, zinc and zinc compounds, and welding or soldering fumes.

**Excludes:** Finished metal products; molten or solid metals; radiating metals (55); coal dust (0801); grain dust (5301); and other nonmetallic dusts (95).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0501</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>0502</td>
<td>ANTIMONY</td>
</tr>
<tr>
<td>0504</td>
<td>BERYLLIUM AND BERYLLIUM COMPOUNDS</td>
</tr>
<tr>
<td>0507</td>
<td>CADMIUM AND CADMIUM COMPOUNDS</td>
</tr>
<tr>
<td>0508</td>
<td>CHROMIUM AND CHROMIUM COMPOUNDS</td>
</tr>
<tr>
<td>0511</td>
<td>IRON AND IRON COMPOUNDS</td>
</tr>
<tr>
<td>0512</td>
<td>LEAD AND LEAD COMPOUNDS</td>
</tr>
<tr>
<td></td>
<td>Inorganic lead compounds</td>
</tr>
<tr>
<td></td>
<td>Organic lead compounds</td>
</tr>
<tr>
<td></td>
<td>Lead dioxide</td>
</tr>
<tr>
<td></td>
<td>Alkyl lead</td>
</tr>
<tr>
<td></td>
<td>Lead oxide</td>
</tr>
<tr>
<td></td>
<td>Lead acetate</td>
</tr>
<tr>
<td></td>
<td>Lead salts</td>
</tr>
<tr>
<td></td>
<td>Lead arsenate</td>
</tr>
<tr>
<td></td>
<td>Lead soaps</td>
</tr>
<tr>
<td></td>
<td>Tetraethyl lead</td>
</tr>
<tr>
<td></td>
<td>Tetramethyl lead</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>0514</td>
<td>MAGNESIUM AND MAGNESIUM COMPOUNDS</td>
</tr>
<tr>
<td>0515</td>
<td>MERCURY AND MERCURY COMPOUNDS</td>
</tr>
<tr>
<td>0521</td>
<td>ZINC AND ZINC COMPOUNDS</td>
</tr>
<tr>
<td>0599</td>
<td>OTHER METALLIC PARTICLES, TRACE ELEMENTS, DUST, POWDER, AND FUMES</td>
</tr>
<tr>
<td></td>
<td>Arsenic and arsenic compounds</td>
</tr>
<tr>
<td></td>
<td>Manganese</td>
</tr>
<tr>
<td></td>
<td>Nickel and nickel compounds</td>
</tr>
<tr>
<td></td>
<td>Welding or soldering fumes, unspecified</td>
</tr>
<tr>
<td></td>
<td>This category includes fumes and vapors from the welding, brazing, soldering, and cutting of galvanized steel as well as other metals, with the exception of lead. Fumes containing lead compounds should be coded under 0512. Fumes given off by other heat processes including smelting should be coded under the appropriate metal compound, if known.</td>
</tr>
<tr>
<td></td>
<td>Other, not elsewhere classified</td>
</tr>
</tbody>
</table>

Chapter D – Source, Target, and Other Equipment  D-10
Agricultural chemicals and other pesticides

This group includes such substances as insecticides, pesticides, herbicides, fumigants, rodenticides, and fungicides. These substances should be coded in this group whether used in the agricultural and horticultural industries, by commercial exterminating and pest control companies or by companies in other industries. Mixtures of plant foods and fertilizers with herbicides are coded under 0602.

**Includes:** Fertilizers and plant food; fumigants; fungicides; herbicides; insecticides’ rodenticides.

**Excludes:** Ammonium compounds (0902); calcium hydroxide, calcium oxide, lime (02).

<table>
<thead>
<tr>
<th>0601 FERTILIZERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bone meal</td>
</tr>
<tr>
<td>Muriate-of-potash</td>
</tr>
<tr>
<td>Dried blood (used as fertilizer)</td>
</tr>
<tr>
<td>Phosphates/superphosphates</td>
</tr>
<tr>
<td>Ground oyster shells</td>
</tr>
<tr>
<td>Plant Food</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>0602 HERBICIDES</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-chloro-4, 6-bis(ethylamino)-S-triazine</td>
</tr>
<tr>
<td>2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)</td>
</tr>
<tr>
<td>2-(2,4,5-trichlorophenoxy) propionic acid</td>
</tr>
<tr>
<td>4-chloro-2-methylphenoxyacetic acid</td>
</tr>
<tr>
<td>Carbamate and thiocarbamate herbicides</td>
</tr>
<tr>
<td>Mixtures of plant foods and fertilizers with herbicides</td>
</tr>
<tr>
<td>2,4-D</td>
</tr>
<tr>
<td>Diquat</td>
</tr>
<tr>
<td>2,4-DEP</td>
</tr>
<tr>
<td>Discamba</td>
</tr>
<tr>
<td>2,4,5-T</td>
</tr>
<tr>
<td>Diuron</td>
</tr>
<tr>
<td>2,3,6-TBA</td>
</tr>
<tr>
<td>Erbon</td>
</tr>
<tr>
<td>Agent orange</td>
</tr>
<tr>
<td>Fenuron</td>
</tr>
<tr>
<td>Atrazine</td>
</tr>
<tr>
<td>MCPA</td>
</tr>
<tr>
<td>Benzoic and phenylacetic acids</td>
</tr>
<tr>
<td>MCPB</td>
</tr>
<tr>
<td>Bipyridyls</td>
</tr>
<tr>
<td>Monuron</td>
</tr>
<tr>
<td>Chlorates</td>
</tr>
<tr>
<td>Paraquat</td>
</tr>
<tr>
<td>Chlorfenec</td>
</tr>
<tr>
<td>Pentachlorophenol</td>
</tr>
<tr>
<td>Crag herbicide</td>
</tr>
<tr>
<td>Phenols</td>
</tr>
<tr>
<td>Delapon</td>
</tr>
<tr>
<td>Silvex</td>
</tr>
<tr>
<td>Dinitro compounds</td>
</tr>
<tr>
<td>Simazine</td>
</tr>
<tr>
<td>Dinosam (DNAP)</td>
</tr>
<tr>
<td>Trazines</td>
</tr>
<tr>
<td>Dinoseb (DNBP)</td>
</tr>
<tr>
<td>Vapam</td>
</tr>
<tr>
<td>Dinitro-orthoeresol (DNOC)</td>
</tr>
<tr>
<td>Weed killer</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>0603 INSECTICIDES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abate</td>
</tr>
<tr>
<td>Kerosene insecticides</td>
</tr>
<tr>
<td>Aldicard</td>
</tr>
<tr>
<td>-----------------</td>
</tr>
<tr>
<td>Baygon</td>
</tr>
<tr>
<td>Benzene hexachloride (BHC)</td>
</tr>
<tr>
<td>Bidrin</td>
</tr>
<tr>
<td>Carbamate insecticides</td>
</tr>
<tr>
<td>Carbaryl (Sevin)</td>
</tr>
<tr>
<td>Chlordane</td>
</tr>
<tr>
<td>DDT</td>
</tr>
<tr>
<td>DDVP (Vapona)</td>
</tr>
<tr>
<td>Demeton</td>
</tr>
<tr>
<td>Diazinon</td>
</tr>
<tr>
<td>Dibrom(Naled)</td>
</tr>
<tr>
<td>Dicathion</td>
</tr>
<tr>
<td>Diclorvo</td>
</tr>
<tr>
<td>Dicofol (Kelthane)</td>
</tr>
<tr>
<td>Dieldrin</td>
</tr>
<tr>
<td>Dimethoate (Cygion)</td>
</tr>
<tr>
<td>Dursban</td>
</tr>
<tr>
<td>Endrin</td>
</tr>
<tr>
<td>EPN</td>
</tr>
<tr>
<td>Ethion</td>
</tr>
<tr>
<td>Fenthion (Baytex)</td>
</tr>
<tr>
<td>Gardona</td>
</tr>
<tr>
<td>Guthion</td>
</tr>
<tr>
<td>Heptachlor</td>
</tr>
<tr>
<td>Kepone</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Other, not elsewhere classified</td>
</tr>
</tbody>
</table>

0699 OTHER AGRICULTURAL CHEMICALS

<table>
<thead>
<tr>
<th>Coumarins</th>
<th>PMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diphacin</td>
<td>Rodenticides</td>
</tr>
<tr>
<td>Dithiocarbamates</td>
<td>Sodium Fluoroacetate</td>
</tr>
<tr>
<td>Ferban</td>
<td>Squill and derivatives</td>
</tr>
<tr>
<td>Fluoroacetates</td>
<td>Strychnine</td>
</tr>
<tr>
<td>Fumigants, not elsewhere classified</td>
<td>Thallium sulfate</td>
</tr>
<tr>
<td>Fungicides</td>
<td>Valone</td>
</tr>
<tr>
<td>Indandiones</td>
<td>Warfarin</td>
</tr>
<tr>
<td>Maneb</td>
<td>Zinc phosphate</td>
</tr>
<tr>
<td>Nabam</td>
<td>Zineb</td>
</tr>
<tr>
<td>Organic mercurials (used in seed dressing)</td>
<td>Ziram</td>
</tr>
<tr>
<td>Pentaclorophenols</td>
<td>Ziram</td>
</tr>
<tr>
<td>Pival (Pivalyn)</td>
<td>Unspecified</td>
</tr>
<tr>
<td>Other, not elsewhere classified</td>
<td>Unspecified</td>
</tr>
</tbody>
</table>
This category includes chemical products of various types. This category should be used only when the specific chemical is unknown or is not classifiable elsewhere.

**Includes:** Adhesives, alcoholic beverages, beauty products, cleaning agents, cosmetics, drugs, explosives, glues, medicines, paints, lacquers, varnishes, solvents, degreasers, dyes, inks, tear gas, mace, and photographic and copying solutions.

**Excludes:** Specified chemicals.

0701 ADHESIVE (OR GLUES)
This code includes adhesives, glues and pastes that are not elsewhere classified.

0702 ALCOHOLIC BEVERAGE

0704 CLEANING COMPOUND (Excluding detergent and soap products)
This code includes cleaning compounds that are not classifiable to specific chemical categories.

Bleach--nonchlorine, nonperoxide Floor stripper
Disinfectants Scouring powders
Drain and oven cleaners

0705 DETERGENT
This code includes detergents that are not classifiable to specific chemical categories.

Synthetic detergents Shampoos (commercial or industrial)

0706 DRUG (Nonmedicinal)

0707 DYE (OR INK)

0708 DETONATOR (BLASTING AGENTS)
Blasting cap

0709 EXPLOSIVES
Dynamite Gunpowder
Flammable gas, unspecified Pyrotechnics, fireworks

0711 MEDICINES

0712 NAPTHA SOLVENTS
Benzine Naphthalene
Cleaners’ naptha Petroleum ether
Mineral spirits Stoddard solvent
Naptha

0713 PAINT/VARNISH
Lacquer Shellac

0715 SOAP (OR SOAP PRODUCTS)

0716 SOLVENT/DEGREASER
This code includes solvents and degreasers, not elsewhere classifiable.

Dry cleaning fluids Thinners
Paint removers

0717 WAX (OR POLISHES)
This code includes waxes or polishes that are not classifiable to specific chemical categories.

0799 OTHER CHEMICAL PRODUCTS

Beauty preparations
Face masks
Make-up
Soaps
Bromobenzyl cyanide
Chloroacetophenone
Ethylidooacetate
Hair preparations
Conditioners/shampoos
Dyes
Hair sprays
Hair straighteners
Mousses
Rinse
Perming solutions
Setting gels
Other, not elsewhere classified

0799 OTHER CHEMICAL PRODUCTS

Beauty preparations
Lacrimogenic gas
Mace
Photographic/copy solutions
Clearing agents
Copying machine fluids
Developers
Fixers
Photographic chemicals
Mimeograph fluid
Stop baths
Surfactants
Tear Gas
Unspecified

08 Coal, natural gas, petroleum fuels, and products, nec

This category includes coal, natural gas, petroleum, and petroleum fuels and distillates.

Includes: Coal, coal dust, coke, crude oil, gasoline, natural gas, petroleum, petroleum distillates and fuels.

Excludes: Agricultural chemicals and other pesticides (06); paints (0713); petroleum solvents (0716); asphalt, roofing tar (47).

0801 COAL
0802 COKE (and other coal manufactures)
0803 FUEL

Butane
Jet fuel

Diesel fuel

Gasoline

Cutting oil
Lubricating greases

0804 GAS, NATURAL
0807 GREASE
0808 KEROSENE

Heating oil

0809 OIL (CRUDE)
0810 PROPANE
OTHER COAL, NATURAL GAS, PETROLEUM FUELS, AND PRODUCTS

Other, not elsewhere specified  Unspecified

09 Other chemicals

This category includes ammonia and its compounds, cryogenic gases, certain cyanide compounds, oxygen and certain oxides, plastics and resins, sewer and mine gas, methane, sulfur and sulfur compounds, and other chemical and chemical products not elsewhere classifiable.

Includes: Ammonia and ammonium compounds, carbon dioxide, carbon monoxide, cryogenic gases, cyanide and cyanide compounds, dry ice, methane, mine gas, oxygen and oxygen compounds, plastics, resins, sewer gas, sulfur, sulfur compounds, sulfur dioxide.

0901 ACETYLENE
0902 AMMONIA/AMMONIUM COMPOUNDS
   This code include ammonium compounds used as fertilizers, cleanser, explosives, etc.
   Ammonia, anhydrous ammonia  Ammonium nitrate
   Ammonium hydroxide  Ammonium sulfate

0904 CARBON DIOXIDE
   Dry ice

0905 CARBON MONOXIDE
   Blast furnace gas
   Kiln vapor
   Motor vehicle exhaust gas
   Results of incomplete combustion of fuels

0907 CYANIDE/CYANOGEN COMPOUND
   Cyanates and isocyanates that are used in the manufacture of plastics are coded under 0923.
   Hydrogen cyanide

0908 EPOXY

0911 HELIUM (LIQUID)

0914 HYDROGEN (LIQUID)

0915 MINE/SEWER GAS
   Methane gas

0917 NITROGEN (LIQUID)

0919 OXYGEN
   Ozones

0920 OXIDES OF NITROGEN
   Dinitrogen pentoxide  Nitrogen dioxide
   Dinitrogen tetroxide  Nitrogen trioxide
Laughing gas  Nitrous oxide
Nitric oxide

0922 POLYETHYLENE
0923 RESIN/PLASTICS
This code includes plastics and resins not elsewhere classified
Acrylic resin  Polystyrene
Bakelite  Polyurethane
Cyanates  Polyvinyl acetate
Di-isocyanates  Polyvinyl chloride
Elastomer  Polyvinyl chloride monomer
Ethyl silicate  Resin
Ethylene diamine  Toluene-di-isocyanates (TDI)
Isocyanates  Urethane
Monomer  Vinyl chloride
PAPI  Vinyl chloride monomer
Polymer

0926 SILICONE
0931 SULFUR/SULFUR COMPOUNDS
Carbon bisulfide  Hydrogen sulfide
Carbon disulfide  Sulfur dioxide

0999 OTHER CHEMICALS
Esters  Liquified krypton
Flux  Liquified neon
Liquid fluorine  Liquified xenon
Liquified argon  Phosphine
Metal cleaning compounds, unspecified
Metal plating solutions, unspecified
Potting compound hardener  Unspecified
Other, not elsewhere classified

1 - Containers

This division classifies receptacles that are commonly used to hold, store, or carry materials. All containers may be empty or full. Pressurized and nonpressurized containers are fix-shaped receptacles used to hold, store, or carry materials. Variable restraint containers include bundles, packages, and rolls where the material being contained is usually the surface of the container.

Includes:  Pressurized containers; nonpressurized containers; variable restraint containers; dishes, cups, glasses; luggage; skids and pallets.
Excludes:  Cases, cabinets, racks, shelves (22); bathtubs (2501); coffee makers (3404); septic tanks (6199); hot tubs (6424); sleeping bags, back packs, portable coolers, and thermoses (7999).

12 Containers–nonpressurized

Chapter D – Source, Target, and Other Equipment
This group classifies nonpressurized containers which are fix-shaped receptacles used to hold, store, or carry materials.

Includes: Bags, sacks, totes, barrels, kegs, drums, ottles, jugs, flasks, boxes, crates, cartons, buckets, baskets, pails, cans, pots, pans, trays, tanks, bins, and vats.

Excludes: Pressurized containers (13); variable restraint containers (14); dishes, drinking cups, and beverage glasses (15); luggage (16); skids and pallets (17); groceries (5301); laundry (9299).

1201 BAGS
   Mail pouches
   Packs
   Sacks
   Totes

1203 BASKETS
   Baskets--wicker
   Baskets--wire
   Baskets--wooden
   Flower baskets
   Fruit baskets
   Picnic baskets
   Bushels

1204 BINS (and VATS)
   Dumpsters
   Melting pots
   Trash bins
   Tubs--coopered
   Tubs--excluding bathtubs
   Vats-wooden
   Troughs

1205 BOTTLES (excluding laboratory glassware)
   Bottles--paper
   Decanters
   Hot-water bottles
   Jugs
   Medicine bottles
   Milk bottles
   Packing bottles
   Packing jugs
   Vials
   Water bottles

1206 BOXES (and CRATES, CARTONS)
   Ammunition boxes
   Boxes--cardboard
   Boxes--corrugated
   Boxes--fiberboard
   Boxes--filing
   Boxes--newsboard
   Boxes--setup
   Boxes--wooden
   Coffins
   Egg cartons
   Food boxes
   Mailing cases
   Milk, ice cream cartons
   Shipping crates
   Shipping hampers
   Tubes--cardboard
   Cases--plastic utility

1207 BUCKETS
   Buckets--coopered wooden
   Buckets--metal
   Dinner pails
   Milk pails
   Pails
   Pitchers
Lobster pots    Slop pails

1208       CAGES
Chicken coops (cages)    Small animal cages

1209       CANS
Aluminum cans    Gasoline cans
Beverage cans    Milk cans
Canisters    Oil cans
Canned foods    Packing cans
Foil-fiber cans    Tin cans
Food cans    Trash cans
Garbage cans    Watering cans

1214       DRUMS (and BARRELS, KEGS)
Barrels--coopered wooden    Kegs--coopered wooden
Breakers    Kilderkins
Casks    Milk shipping containers
Drums--fiber    Oil drums
Firkins    Shipping drums

1215       LABORATORY GLASSWARE

1219       PANS (and POTS, TRAYS)
Ashtrays    Kettles--nonpressurized
Bakepans    Pans--kitchen
Breadpans    Pots--kitchen
Cake pans    Serving trays
Dishpans    Skillets
Dustpans    Trays--plastic
Frying pans    Woks

1221       TANKS
Aquaria    Oil storage tanks
Cisterns    Tanks--coopered
Farm storage tanks    Water tanks
Hoppers

1299       OTHER NON-PRESSURIZED CONTAINER
Other, not elsewhere classified    Unspecified

13  Containers–pressurized

This group classifies pressurized containers which are fix-shaped receptacles used to hold, store, or carry gases, vapors, or liquids.

Includes:  Boilers, hoses, and pressure lines.
Excludes:  Air and gas compressors (3901); pressure-cooking equipment (3499); pipes, ducts, tubing (42); valves (4319).

1302       BOILERS
### 13 Hoses

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Subcategories</th>
</tr>
</thead>
<tbody>
<tr>
<td>1303</td>
<td>HOSES</td>
<td>Fire hoses</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Garden, Water hoses</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hoses--metal</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pneumatic hoses</td>
</tr>
<tr>
<td>1304</td>
<td>PRESSURE LINES (except hoses)</td>
<td></td>
</tr>
<tr>
<td>1306</td>
<td>CYLINDERS</td>
<td>Pressure cylinders</td>
</tr>
</tbody>
</table>

### 14 Containers—variable restraint

This group classifies containers including bundles, packages, and rolls where the material being contained is usually the surface of the container.

*Includes:* Bundles, bales, packages, parcels, reels, rolls.

*Excludes:* Nonpressurized containers (12); pressurized containers (13).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1401</td>
<td>BUNDLES</td>
</tr>
<tr>
<td></td>
<td>Bales of cotton</td>
</tr>
<tr>
<td></td>
<td>Bales of hay</td>
</tr>
<tr>
<td>1403</td>
<td>REELS/SPOOLS</td>
</tr>
<tr>
<td></td>
<td>Reels of metal banding, wire</td>
</tr>
<tr>
<td>1404</td>
<td>ROLLS</td>
</tr>
<tr>
<td></td>
<td>Beams, bolts of fabric</td>
</tr>
<tr>
<td></td>
<td>Rolls of carpet</td>
</tr>
</tbody>
</table>

### 15 Dishes, drinking cups, beverage glasses

This group classifies containers which are commonly used for drinking and eating.

*Includes:* Dishes, bowls, drinking cups, beverage glasses.

*Excludes:* Bottles (1205); pitchers (1299); pots, pans, trays (1219); cooking and eating utensils (7199).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1501</td>
<td>EATING/DRINKING DISHES</td>
</tr>
</tbody>
</table>
16 **Luggage, handbags**

This group classifies container-carriers which are used for holding and carrying personal belongings.

*Includes:* Briefcases, handbags, pocketbooks, wallets, and suitcases.

*Excludes:* Footlockers, chests (2202); lockers (2205); back packs (7999).

1601 LUGGAGE, BRIEFCASES, SUITCASES, ETC.
- Billfolds
- Bookbags
- Cosmetic pouches
- Duffel bags
- Golf bags
- Gym bags

1699 OTHER PERSONAL TOTES
- Other, not elsewhere classified

17 **Skids, pallets**

This group classifies skids and pallets of any use or composition including those used as working surfaces.

*Includes:* skids, pallets, pallet containers.

1701 PALLETS/SKIDS

19 **Containers, nec**

This group classifies all containers that are not elsewhere classified in the container division.

1901 CAPSULES
1903 DEWARS
1904 VESSELS
1999 OTHER CONTAINERS

2 - **Furniture and Fixtures**

This division classifies furniture; lighting and plumbing fixtures; and floor, wall, and window coverings. The furniture and fixtures classified here may be of any composition, and may be
designed for use in households, businesses, or public buildings.

*Includes:* Cases; cabinets; racks; shelves; floor, wall, and window coverings; furniture; other fixtures.

*Excludes:* Heating, cooling, and cleaning machinery and appliances (34), audio and video equipment (39), car seats (4999), plumbing systems (6199), structures (64), pianos (7199).

### 22 Cases, cabinets, racks, shelves

This group classifies free-standing or built-in cases, cabinets, counters, racks, lockers, and shelves. These items may be designed for household, office, public building, or other use.

*Includes:* Bookcases; display and storage cabinets, cases; counters, counter tops; garment and other racks; lockers; partitions; shelving.

*Excludes:* Boxes, crates, cartons (1206); refrigerated lockers (3413).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2201</td>
<td>BOOKCASE</td>
</tr>
<tr>
<td></td>
<td>Bookcases--any composition</td>
</tr>
<tr>
<td></td>
<td>Bookcases--free-standing</td>
</tr>
<tr>
<td></td>
<td>Bookcases--built-in</td>
</tr>
<tr>
<td>2202</td>
<td>CABINET</td>
</tr>
<tr>
<td></td>
<td>Cedar chests</td>
</tr>
<tr>
<td></td>
<td>China cabinets</td>
</tr>
<tr>
<td></td>
<td>Footlockers</td>
</tr>
<tr>
<td></td>
<td>Kitchen cabinets</td>
</tr>
<tr>
<td></td>
<td>Medicine cabinets</td>
</tr>
<tr>
<td></td>
<td>Office cabinets</td>
</tr>
<tr>
<td></td>
<td>Show cases</td>
</tr>
<tr>
<td></td>
<td>Tool chests</td>
</tr>
<tr>
<td></td>
<td>Toy chests</td>
</tr>
<tr>
<td></td>
<td>Treasure chests</td>
</tr>
<tr>
<td>2203</td>
<td>COUNTER</td>
</tr>
<tr>
<td></td>
<td>Bar counters</td>
</tr>
<tr>
<td></td>
<td>Kitchen counters</td>
</tr>
<tr>
<td>2204</td>
<td>FILE CABINET</td>
</tr>
<tr>
<td>2205</td>
<td>LOCKER</td>
</tr>
<tr>
<td></td>
<td>Wall lockers</td>
</tr>
<tr>
<td>2206</td>
<td>PARTITION</td>
</tr>
<tr>
<td></td>
<td>Office partitions</td>
</tr>
<tr>
<td></td>
<td>Room partitions</td>
</tr>
<tr>
<td>2207</td>
<td>RACK</td>
</tr>
<tr>
<td></td>
<td>Book and magazine racks</td>
</tr>
<tr>
<td></td>
<td>Clothes-drying racks</td>
</tr>
<tr>
<td></td>
<td>Coat racks</td>
</tr>
<tr>
<td></td>
<td>Display racks</td>
</tr>
<tr>
<td></td>
<td>Mail-sorting racks</td>
</tr>
<tr>
<td>2208</td>
<td>SHELF</td>
</tr>
<tr>
<td></td>
<td>Display shelving</td>
</tr>
<tr>
<td></td>
<td>Office and store shelving</td>
</tr>
<tr>
<td>2209</td>
<td>TOOLBOX</td>
</tr>
<tr>
<td></td>
<td>Tool chests</td>
</tr>
<tr>
<td>2299</td>
<td>OTHER CASES, CABINETS, RACKS, SHELVES</td>
</tr>
<tr>
<td></td>
<td>Other, not elsewhere classified</td>
</tr>
<tr>
<td></td>
<td>Unspecified</td>
</tr>
</tbody>
</table>
23  **Floor, wall, window coverings**

This group classifies floor, wall, and window coverings such as carpets, wallpaper, and curtains.

*Includes:*  Floor coverings; wall coverings; window coverings, blinds, shades, or draperies.

*Excludes:*  Rolls of carpet or linoleum (1404); ceiling tiles (4225); vinyl floor tiles (4225); wood paneling (4299); sheet flooring (4299); siding (4222); wallboard (4299).

2302  CARPET (except rolls)
2303  CURTAIN
2304  FLOOR MAT
2305  MIRROR
2306  RUG
2307  WINDOW BLIND
2399  OTHER FLOOR, WALL, WINDOW COVERINGS

<table>
<thead>
<tr>
<th>Drapes</th>
<th>Wallpaper (except rolls)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linoleum</td>
<td></td>
</tr>
<tr>
<td>Window shades</td>
<td></td>
</tr>
<tr>
<td>Wall panels--acoustic</td>
<td></td>
</tr>
<tr>
<td>Unspecified</td>
<td></td>
</tr>
</tbody>
</table>

24  **Furniture**

This group classifies different types of home, office, and workshop furniture.

*Includes:*  Beds, bedding, mattresses, benches, workbenches, saw horses, chairs, desks, sofas, tables, and worktables.

*Excludes:*  Cases, cabinets, racks, shelves (22); lamps (2503); air mattresses, sleeping bags, billiard and ping pong tables (7999); pianos (7199); sheets, linens (9299).

2401  BENCH

*Park benches*  Pews

2402  CHAIR

*Arm chairs*  High chairs
*Easy chairs*  Recliners
*Folding chairs*  Rocking chairs

2404  DESK

*Computer desks*  School desks
*Office desks*  Workstations
*Roll-top desks*  

**Chapter D – Source, Target, and Other Equipment**
2406 STOOL
   Bar stools
   Laboratory stools

2407 TABLE
   Card tables
   End tables
   Cocktail tables
   Folding tables
   Coffee tables
   Kitchen tables
   Conference tables
   Lamp stands
   Dining tables
   Operating tables
   Dressers

2408 WORK BENCH
   Shop benches
   Work benches
   Utility benches

2499 OTHER FURNITURE
   Beds
   Futons
   Bed frames
   Hammocks
   Bunk beds
   Headboards
   Cots
   Loungers
   Couches
   Love seats
   Cradles
   Ottomans
   Cribs
   Saw horses
   Divans
   Sofa beds
   Folding beds
   Water beds
   Other, not elsewhere classified
   Unspecified

25 Other fixtures

This group classifies home, office, and industrial fixtures including lighting equipment
and plumbing fixtures.

Includes: Lighting equipment and plumbing fixtures.
Excludes: Electrical parts (45), wiring (4561), plumbing system (6199), flashlights
(7399), flash bulbs (7799), lanterns (7999), pipes (4214), valves (4319).

2501 BATH TUB
2502 FAUCET
2503 LAMP
   Chandeliers
2505 LIGHT
   Light bulbs (incandescent or fluorescent)
   Headlights
   Neon lights
   Stop lights
2507 SINK
2508 TOILET
3 - Machinery

This division classifies light and heavy machinery which perform specific functions or processes under power. Machinery is defined as a combination of smaller machines (elements or parts) which are capable of motion and are contained in a stationary frame. Computer, audio, and video products, as well as heating, cooling and cleaning machinery and appliances are also included in this definition.

Machines which are primarily used for transporting people or materials are classified in division 8. Handheld power tools are classified in group 73.

If a part is known or assumed to be attached to the machine when an injury occurs, then the entire machine should be listed as the source in this division.

If a part is known or assumed to be unattached and independent of a machine, or if it is probable that a machine is not involved, then that specific part should be selected as the source. The smaller parts which are used in machinery are classified in group 45.

Includes: Agricultural and garden machinery; construction, logging, and mining machinery; heating, cooling, and cleaning machinery and appliances; material handling machinery; metal, woodworking, and special material machinery; office and business machinery; special process machinery; and miscellaneous machinery.

Excludes: Hoisting accessories (44); machinery parts (45); motors (4530); engines (4518); nonpowered handtools (72); powered handtools (73); vehicles (8); plant and industrial powered vehicles, tractors (86); forklifts (8602).

32 Agricultural and garden machinery

This group classifies machinery which perform specific agricultural and garden functions or processes.

Includes: Harvesting and threshing machinery; mowing machinery; plowing, planting, and fertilizing machinery; and other agricultural and garden machinery.

Excludes: Construction, logging, and mining machinery (33); gravity conveyors, powered conveyors (3503); elevators (3510); parts and materials (4); feed wagons (4934); vehicles (8); tractors (8699); snow plow (3999); crop dusting aircraft (8201).
3202 WEED EATER
3299 OTHER AGRICULTURAL MACHINE

- Balers
- Combines
- Cultivators
- Dairy and milk processing machinery
- Disks
- Feed grinders, crushers, mixers
- Fertilizer spreaders
- Forage choppers
- Harrows
- Harvesters, reapers
- Other, not elsewhere classified

- Haying machines
- Hay mowers
- Lawn mowers
- Manure spreaders
- Mowing machinery
- Push mower--nonpowered
- Seed planting machinery
- Spraying/dusting machinery
- Threshers
- Tree shakers
- Unspecified

33 Construction, logging, and mining machinery

This group classified machinery which perform specific construction (or demolition), logging, and mining functions or processes.

Includes:
- Excavating machinery; loaders; logging and wood processing machinery; mining and drilling machinery; road grading and surfacing machinery.

Excludes:
- Agricultural and garden machinery (32); material handling machinery (35); metal, woodworking, and special material machinery (36), vehicles (8); tractors (8699).

3302 BACKHOE
3303 COAL CRUSHER

- Coal breakers

3304 COMPACTOR (Earth, Mineral)
3305 CRUSHING MACHINE (Earth, Mineral)
3306 DREDGE

- Marine dredges
- Suction dredges

3307 DRILL RIG/MACHINE

- Continuous miners
- Diamond drills
- Jet flame drills
- Mechanical miners
- Rock drills
- Water-jet drills

3309 EARTH MOVING EQUIPMENT (not elsewhere classified)

This code excludes backhoes (3302) and dredges (3306).

- Bulldozers
- Continuous bucket excavators
- Draglines
- Marine excavators
- Steam and power shovels
- Trenchers

3310 HIGHWAY CONSTRUCTION EQUIPMENT

This code includes machinery which primarily perform road grading and surfacing operations.
Asphalt and mortar spreaders  Road linemarking machinery
Asphalt pavers  Slip-form pavers
Concrete pavers  Steam rollers
Graders, levelers, planers, scrapers

3311 MINING MACHINE (not elsewhere classified)
This code excludes drilling machines-machines used to bore vertical holes which are coded as 3307, coal breakers and crushers (3303), and separators (3315).
Bore tunneling machine  Mineral property analyzers
Horizontal boring machine

3312 MIXER (Earth, Mineral)
Agitators  Cement mixers

3313 LOADING MACHINE
This code consists of machinery which consists of a movable bucket mounted on a series of movable arms at the front of a crawler or rubber-tire tractor. It excludes earth moving equipment (3309) and log loaders (3399).
Bucket loaders  Front end loaders
End loaders

3314 PULVERIZING MACHINE (Earth, Mineral)

3315 SEPARATOR
Mineral concentrators  Mineral sorters
Mineral separators

3399 OTHER CONSTRUCTION OR LOGGING MACHINE
Drop hammers  Logging machinery
Pile drivers  Chippers
Pile extractors  Debarkers
Pile hammers  Harvesters
Unspecified  Log loaders
Other, not elsewhere classified  Forwarder/yarder
Mechanical harvester
Slasher
Skidder--cable and grapple

34 Heating, cooling, and cleaning machinery and appliances

This group classifies machinery which perform specific heating, cooling, and cleaning functions or processes.

Includes:  Cooling and humidifying machinery and appliances; heating and cooking machinery and appliances; washers, dryers, and cleaning machinery and appliances.

Excludes:  Boilers (1302); dairy and milk processing machinery (3299); industrial furnaces and forging machinery (3606); distilling and rectifying machinery (3699); incinerators (3902); vending machines (3999); engine fans (4999);
powered welding and heating handtools (73).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3401</td>
<td>AIR CONDITIONER</td>
</tr>
</tbody>
</table>
| 3403 | COOKING APPLIANCES (not elsewhere classified)  
* Broiling and frying equipment  
  * Burners  
  * Grills--outdoor, indoor  
  * Hibachi  
* Roasters  
* Toasters  
* Waffle irons |
| 3404 | COFFEE MAKER  
* Beverage heating equipment  
* Percolating equipment |
| 3405 | DRYER  
* Clothes dryer  
* Hand dryer  
* Hair dryer |
| 3406 | FANS/BLOWER (wall, floor, ceiling, ventilation) |
| 3407 | FURNACES  
* Domestic furnaces  
* Franklin stoves  
* Gas and oil furnaces  
* Pothbellied stoves  
* Registers |
| 3408 | HAND IRON (or OTHER IRONING APPLIANCES)  
* Fabric pressers |
| 3409 | HEATER  
* Heating units  
* Hot-water heaters  
* Solar heaters  
* Space heaters |
| 3410 | HEATING APPLIANCE (not elsewhere classified)  
* Kilns  
* Steaming equipment and appliances |
| 3412 | OVEN  
* Microwave ovens  
* Ovens--kitchen, cooking |
| 3413 | REFRIGERATOR/FREEZER  
* Ice makers |
| 3414 | STOVE  
* Ranges--kitchen, cooking  
* Stoves--kitchen, cooking |
| 3415 | VACUUM CLEANER |
| 3416 | VAPORIZER  
* Dehumidifiers  
* Humidifiers |
| 3417 | WASHING MACHINE  
* Car or vehicle washing machinery  
* Dish washer  
* Clothes washer |
| 3499 | OTHER APPLIANCE  
* Other filtering and purifying machinery  
* Unspecified  
* Other, not elsewhere classified |
35 Material handling machinery

This group classifies machinery which perform specific material handling functions or processes.

Material handling machinery are usually composed of many smaller parts and elements. For example, hoisting machines, cranes, derricks, and elevators employ sheaves and pulley(called blocks) to perform their operations. The majority of these smaller material handling machinery components are classified in groups 44 and 45.

Includes: Gravity conveyors; powered conveyors; cranes; overhead hoists; derricks; elevators; jacks; winders; unwinders.

Excludes: Agricultural and garden machinery (32); construction, logging, and mining machinery (33); logging and wood processing machinery (3399); hoisting accessories (44); machine, tool, and electric parts (45); vehicles (8); forklifts (8602).

3502 CHUTE
3503 CONVEYOR
  Conveyors--belt Conveyors--pneumatic
  Conveyors--bucket cup Conveyors--roller
  Conveyors--chain Conveyors--screw, auger
  Conveyors--gravity Conveyors--slot
  Conveyors--live roller Conveyors--wheel
  Conveyors--pan Package conveyor
3504 CRANE (not elsewhere classified)
3505 CRANE, BOOM
3506 CRANE, BRIDGE
3507 CRANE, MOBILE
3508 CRANE, OVERHEAD
3509 DERRICK
  This code excludes oil derricks used to support drilling machinery (6436).
  Derricks--A-frame Derricks--guy
  Derricks--basket Gin pole
  Derricks--breast
3510 ELEVATOR
  This code excludes conveyors (3503), hoists (3512, 3513, 3514), elevator floors (6212), forklifts (8602), manlifts (3516), and scissor lifts (3517).
  Dumbwaiters Elevators--pneumatic
  Elevators--electric Elevators--hand operated
3512 HOIST (not elsewhere classified)
366 Metal, woodworking, and special material machinery

This group classifies machinery which primarily perform specific material cutting, shaping, or forming functions or processes. Special material machinery includes those that process plastic, rubber, concrete, and other special materials.

Includes: Bending, rolling, shaping machinery; boring, drilling, planning, milling machinery; extruding, injecting, forming, molding machinery; grinding, polishing machinery; lathes; presses (except printing); sawing machinery; threading and tapping machines; EDM’s laser cutting, pressure fluid cutting, spot welding machinery.

Excludes: Agricultural and garden machinery (32); construction, logging and mining machinery (33); material handling machinery (34); food slicers (3803); meat grinders (3899); paper production machinery (3899); textile, apparel, leather production machinery (38); painting, priming, metal coating machinery (3899); nonpowered handtools (72); powered handtools (73).

3601 SAWS (not elsewhere classified)
   Arm saws  Cutoff saws
   Abrasive saws  Diamond saws
   Concrete saws  Radial arm saws

3602 BAND SAW

3603 BORING MACHINE

3604 CASTING MACHINE
   Ingot molding machinery
   Molding machinery

3605 DRILLING MACHINE
   Drill presses  Jib boring machines
   Drilling machines  Radial drills
   Gang drills

3606 FORGING MACHINE
   Blast furnaces  Industrial furnaces
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3607</td>
<td>GRINDING MACHINE</td>
</tr>
<tr>
<td></td>
<td>Abraders</td>
</tr>
<tr>
<td></td>
<td>Centerless grinders</td>
</tr>
<tr>
<td></td>
<td>Cylindrical grinders</td>
</tr>
<tr>
<td>3609</td>
<td>LATHE</td>
</tr>
<tr>
<td></td>
<td>Metalworking lathes</td>
</tr>
<tr>
<td>3610</td>
<td>MILLING MACHINE</td>
</tr>
<tr>
<td></td>
<td>Broaching machines</td>
</tr>
<tr>
<td>3612</td>
<td>PLANING MACHINE</td>
</tr>
<tr>
<td></td>
<td>Honing machinery</td>
</tr>
<tr>
<td>3613</td>
<td>POLISHING MACHINE</td>
</tr>
<tr>
<td>3614</td>
<td>PRESS</td>
</tr>
<tr>
<td></td>
<td>This code excludes fabric pressers (3408) and printing presses (3805).</td>
</tr>
<tr>
<td></td>
<td>Assembly presses</td>
</tr>
<tr>
<td></td>
<td>Brake presses</td>
</tr>
<tr>
<td>3615</td>
<td>TABLE SAW</td>
</tr>
<tr>
<td>3616</td>
<td>SHAPING MACHINE</td>
</tr>
<tr>
<td></td>
<td>This code excludes calendars used in the paper production industry (3899).</td>
</tr>
<tr>
<td></td>
<td>Bending, crimping machines</td>
</tr>
<tr>
<td></td>
<td>Calendering machinery</td>
</tr>
<tr>
<td></td>
<td>Rolling machinery</td>
</tr>
<tr>
<td>3617</td>
<td>OXYACETYLENE TORCH</td>
</tr>
<tr>
<td>3618</td>
<td>PLASMA ARCH TORCH</td>
</tr>
<tr>
<td>3699</td>
<td>OTHER METAL, WOODWORKING, AND SPECIAL MATERIAL MACHINERY</td>
</tr>
<tr>
<td></td>
<td>Carbon-dioxide lasers</td>
</tr>
<tr>
<td></td>
<td>Electrochemical machinery (ECM)</td>
</tr>
<tr>
<td></td>
<td>Gas lasers</td>
</tr>
<tr>
<td></td>
<td>Gear-cutting machinery</td>
</tr>
<tr>
<td></td>
<td>Nibbling machines</td>
</tr>
<tr>
<td></td>
<td>Plastic extruders</td>
</tr>
<tr>
<td></td>
<td>Pressure fluid cutting machinery</td>
</tr>
<tr>
<td></td>
<td>Rubber extruders</td>
</tr>
<tr>
<td></td>
<td>Reaming machines</td>
</tr>
<tr>
<td></td>
<td>Threading and tapping machines</td>
</tr>
<tr>
<td></td>
<td>Ultrasonic machinery (USM)</td>
</tr>
<tr>
<td></td>
<td>Wire extruders</td>
</tr>
<tr>
<td></td>
<td>Other, not elsewhere classified</td>
</tr>
<tr>
<td></td>
<td>Unspecified</td>
</tr>
</tbody>
</table>
37  **Office and business machinery**

This group classifies machinery and equipment which operate primarily in an office, banking, or retail environment.

**Includes:** Electronic computers and peripheral equipment; automated teller machines (ATM’s); calculating machines and cash registers; FAX machines; mailing and metering machines; photocopiers; typewriters and word processing equipment.

**Excludes:** Furniture and fixtures (2); audio and video equipment (39); vending machines (3999); nonpowered staplers (7235); electric staplers (7328).

<table>
<thead>
<tr>
<th>3701</th>
<th>COMPUTER (and peripheral equipment)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cathode ray tubes (CRTs)</td>
</tr>
<tr>
<td></td>
<td>Optical scanners</td>
</tr>
<tr>
<td></td>
<td>Computers--electronic</td>
</tr>
<tr>
<td></td>
<td>Printers and plotters</td>
</tr>
<tr>
<td></td>
<td>Keyboards--computer</td>
</tr>
<tr>
<td></td>
<td>Video display terminals (VDTs)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3703</th>
<th>TYPEWRITER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Word processing equipment</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3704</th>
<th>NONELECTRICAL OFFICE EQUIPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Coin counting machines--nonelectric</td>
</tr>
<tr>
<td></td>
<td>Dictating machines--nonelectric</td>
</tr>
<tr>
<td></td>
<td>Mailing and metering machines--nonelectric</td>
</tr>
<tr>
<td></td>
<td>Other, not elsewhere classified</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3705</th>
<th>ELECTRICAL OFFICE MACHINE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Automated teller machines</td>
</tr>
<tr>
<td></td>
<td>Calculating machines</td>
</tr>
<tr>
<td></td>
<td>Cash registers</td>
</tr>
<tr>
<td></td>
<td>Coin counting machines--electric</td>
</tr>
<tr>
<td></td>
<td>Dictating machines--electric</td>
</tr>
<tr>
<td></td>
<td>FAX machines</td>
</tr>
<tr>
<td></td>
<td>Mailing and metering machines--electric</td>
</tr>
<tr>
<td></td>
<td>Photocopiers</td>
</tr>
<tr>
<td></td>
<td>Other, not elsewhere classified</td>
</tr>
</tbody>
</table>

38  **Special process machinery**

This group classifies machinery which perform special processes related to specific industries other than those previously classified.

**Includes:** Food and beverage processing machinery; medical, surgical, and x-ray machinery and equipment; packaging, bottling, wrapping machinery; paper production machinery; printing machinery and equipment; textile, apparel, leather production machinery; other special process machinery.
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3801</td>
<td>CARDING MACHINE</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>3802</td>
<td>CENTRIFUGE</td>
</tr>
<tr>
<td>3803</td>
<td>SLICING MACHINE</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>3804</td>
<td>MIXING MACHINE</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>3805</td>
<td>PRINTING MACHINERY</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>3806</td>
<td>PUMP</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>3807</td>
<td>STITCHING/SEWING MACHINERY</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>3809</td>
<td>SUMP PUMP</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>3810</td>
<td>X-RAY EQUIPMENT</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>3899</td>
<td>OTHER SPECIAL PROCESS MACHINERY</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Miscellaneous machinery
This group classifies machinery which perform functions or processes other than those previously classified.

*Includes:*  
Audio and video equipment; radios, stereos, and other audio equipment; telephones and communication equipment; televisions; tape and disk video players and recorders.

*Excludes:*  
Hoisting accessories (44); machine parts (45); motors (4530); engines (4518); motors (4530); nonpowered handtools (72); powered handtools (73); vehicles (8); computer equipment and dictation machines (37); hospital monitors and diagnostic machinery (3899); mineral property analyzers (3311); oxyacetylene torch (3617); plasma arch torch (3618).

3901 AIR COMPRESSOR
3902 INCINERATOR
3903 RADIO (and other audio equipment)  
   Stereo
3904 RECORDER/PLAYER  
   Disk players  Tape players  
   Tape players  
   Disk recorders  Tape recorders  
3905 TELEPHONE (and other communication equipment)
3906 TELEVISION
3999 OTHER MACHINERY  
   Garbage disposals
   Product assembly machinery, not elsewhere classified
   Product testing, inspecting, and diagnostic machinery, not elsewhere classified
   Robots
   Snowblowers
   Snow plows
   Street sweeping and cleaning machinery
   Trash compactors
   Vending machines
   Voting machines
   Other, not elsewhere classified

4 - Parts and Materials

This division classifies machine parts, tool parts, and automobile parts, as well as building materials, insulating materials, and nonstructural metal materials. Many of the parts and materials classified here are the smaller components of larger machines, tools, vehicles, buildings, etc. In most instances, detailed codes for “parts” are provided for those parts expected to be sources of injury independent of the “whole” machine, tool, vehicle, building, or other object.
If a part is **attached** to a machine, tool, or vehicle, then the entire machine, tool, or vehicle should be listed as the source.

If a part is known to be **unattached and independent** of a machine, tool, or vehicle -- or if it is probable that the machine, tool, or vehicle is not involved in the injury--then that specific part should be listed as the source.

If the material identified as the source of an injury is the **general floor surface in a building or on the ground**, then the appropriate structure or surface in division 6 should be listed as the source.

If the material identified as the source of an injury is an **independent, unattached element**, then that specific element (part or material) should be listed as the source.

**Includes:** Building materials--solid elements; fasteners, connectors, ropes, ties; hoisting accessories; machine, tool, and electric parts; metal materials--nonstructural; tars, sealants, caulking, insulating material; tarps and sheeting--nonmetal; vehicle and mobile equipment parts.

**Excludes:** Chemicals and chemical products (0); paint, lacquer, shellac, varnish (0713); containers (1); hoses (1303); furniture and fixtures (2); lighting and plumbing fixtures (25); machinery (3); metallic minerals (55); nonmetallic minerals (56); structural elements (63); vehicles (8); apparel and textiles (92); paper, sheets (94).

### 41 Other parts and materials

This group classifies all parts and materials that are not elsewhere classified, including nuclear parts.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4101</td>
<td>BIRDCAGE</td>
</tr>
<tr>
<td>4102</td>
<td>CONTROL PANEL</td>
</tr>
<tr>
<td>4103</td>
<td>CORE</td>
</tr>
<tr>
<td>4104</td>
<td>FUEL ELEMENT</td>
</tr>
<tr>
<td>4105</td>
<td>GLOVE BOX</td>
</tr>
<tr>
<td>4106</td>
<td>HEAT EXCHANGER</td>
</tr>
<tr>
<td>4107</td>
<td>HEPA FILTER</td>
</tr>
<tr>
<td>4108</td>
<td>MANIPULATOR</td>
</tr>
<tr>
<td>4109</td>
<td>NUCLEAR PARTS (not elsewhere classified)</td>
</tr>
<tr>
<td>4110</td>
<td>PRESSURE VESSEL</td>
</tr>
<tr>
<td>4199</td>
<td>OTHER PARTS AND MATERIALS</td>
</tr>
</tbody>
</table>

### 42 Building materials--solid elements

This group classifies materials which are primarily used in the construction of buildings
and other structures.

**Includes:** Bricks, blocks, structural stone, pipes, ducts, tubing, structural metal materials, tiles, shingles, wood, lumber, other building materials.

**Excludes:** Building systems (61); structural elements (63); doors (6304); fences (6307); gates (6308); roof (6309); skylights (6399); walls (6310); windows (6312); structures (64); office, plant, and residential buildings (6403); scaffolds (6429); staging (6432).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4203</td>
<td>BEAM</td>
</tr>
<tr>
<td>4204</td>
<td>BLOCK/STONES</td>
</tr>
<tr>
<td></td>
<td>Cinder blocks</td>
</tr>
<tr>
<td></td>
<td>Concrete blocks</td>
</tr>
<tr>
<td>4206</td>
<td>BRICK</td>
</tr>
<tr>
<td>4207</td>
<td>CONDUIT</td>
</tr>
<tr>
<td>4209</td>
<td>DUCT</td>
</tr>
<tr>
<td>4210</td>
<td>GRATE</td>
</tr>
<tr>
<td>4211</td>
<td>LUMBER</td>
</tr>
<tr>
<td></td>
<td><em>Dimensional lumber: 2x4, 2x3, etc.</em></td>
</tr>
<tr>
<td>4212</td>
<td>MASONITE</td>
</tr>
<tr>
<td></td>
<td>Particle, chip, flake board</td>
</tr>
<tr>
<td>4213</td>
<td>METAL ITEMS</td>
</tr>
<tr>
<td>4214</td>
<td>PIPE</td>
</tr>
<tr>
<td></td>
<td>This code excludes hoses (1303); pressure lines (1304); flashing, gutters, downspouts (4299); building systems (61); conduit (4207).</td>
</tr>
<tr>
<td></td>
<td>Clay pipes</td>
</tr>
<tr>
<td></td>
<td>Concrete pipes</td>
</tr>
<tr>
<td>4215</td>
<td>PLATE</td>
</tr>
<tr>
<td></td>
<td>Metal panels</td>
</tr>
<tr>
<td>4216</td>
<td>PLYWOOD</td>
</tr>
<tr>
<td>4217</td>
<td>RAIL</td>
</tr>
<tr>
<td>4218</td>
<td>REBAR</td>
</tr>
<tr>
<td></td>
<td><em>Reinforcing bar</em></td>
</tr>
<tr>
<td>4219</td>
<td>ROD/BAR</td>
</tr>
<tr>
<td>4220</td>
<td>SCREEN (or FENCING)</td>
</tr>
<tr>
<td></td>
<td>Fencing material</td>
</tr>
<tr>
<td>4221</td>
<td>SHEET METAL</td>
</tr>
<tr>
<td>4222</td>
<td>SIDING</td>
</tr>
<tr>
<td></td>
<td>Aluminum</td>
</tr>
<tr>
<td>4223</td>
<td>SLAB</td>
</tr>
<tr>
<td></td>
<td><em>Preformed sidewalk slabs</em></td>
</tr>
<tr>
<td>4224</td>
<td>STUD</td>
</tr>
</tbody>
</table>
4225       TILES (or SHINGLES)
          Ceiling tiles
          Ceramic or stone tiles--drain, roof, multipurpose
          Roof shingles
          Vinyl floor tiles

4226       WOOD (not elsewhere classified)
          Wood paneling
          Trim pieces
          Wood pieces

4227       FITTING
          Pipe fittings

4228       FLANGE

4299       OTHER BUILDING MATERIAL
          Angle irons
          Structural hardware
          Glass, window panes
          Door knobs
          Gutters, downspouts
          Hinges
          Sheet flooring
          Latches
          Wallboard, drywall
          Locks
          Other, not elsewhere classified
          Unspecified

43 Fasteners, connectors, ropes, ties

This group classifies fasteners, connectors, and binders that are primarily used to hold materials together.

Includes:  Clamps, couplings, nails, brads, tacks, nuts, bolts, washers, rivets, screws, spikes, and staples.

Excludes:  Handtool clamps (7299); nonpowered staplers (7235); powered staplers (7328).

4302       BOLT
4303       BUNGEE CORD
4304       CHAIN
4306       CLAMP
4307       COUPLING
4310       NAIL
          Brads
4311       NOZZLE
4312       NUT
4313       ROPE
          Twine
4314       SCREW
4315       SPIKE
4316       STAPLE
4317       STRAP
          Tacks
44 Hoisting accessories

This group classifies unattached hoisting accessories which are primarily used in conjunction with the hoisting machinery classified in group 44. These are primarily hoisting machinery attachments designed to grip, pickup, or carry heavy materials. If the accessory is known to be attached to a hoisting machine, the entire machine should be listed at the source.

Includes: Fixtures, load indicators, hooks, shackles, magnets, clamshells, orange peels, grapples, anchors, cant hooks, grapnels, grappling irons/hooks, slings.

4402 HOOK

Anchors
Cant Hooks
Clamshells
Grapnels
Grappling irons/hooks
Magnets
Orange peels
Shackles

4403 SLING

4499 OTHER HOIST PART

Fixtures
Other, not elsewhere classified
Load indicators
Unspecified

45 Machine, tool, and electric parts

This group classifies unattached machine, tool, electric, and vehicle parts and materials. If a part classified in this group is attached to a machine, tool, or vehicle at the time of injury then that entire machine, tool, or vehicle should be listed as the source.

Includes: Electric parts; machine and appliance parts; tool parts, accessories.

Excludes: Machinery (3); handtools (7); vehicles (8); battery acid (0106); lamps (2503); light bulbs (2505); nonvehicle fans (3406); nonelectrical wiring
(4321); (4941) engines; vehicle fans (4999); vehicle batteries (4903); electric towers (6436); stationary drills (3605); stationary sawing machinery (36); nonpowered cutting handtools (72); powered cutting handtools (73); foller conveyors (3503); molding machinery (3604); hoisting accessories (44).

4504 BIT
4505 BLADE
4506 CAPACITOR
4507 CIRCUIT
4508 CIRCUIT BREAKER
4511 CONDUCTOR
4512 DIE
4514 DRIVE CHAIN/BELT/ROPE
4515 ELECTRICAL APPARATUS

Controls Convertors
4516 ELECTRICAL BUS
4518 ENGINE (excluding vehicle)
4519 FRICTION CLUTCH
4520 FUSE
4522 GEAR
4523 GENERATOR
4528 MAGNETIC/ELECTROLYTIC APPARATUS
4529 MOLDS

Patterns
4530 MOTOR (electrical)
4531 OUTLET/RECEPTACLE
4532 POWER CORD
4535 POWER LINE
4536 POWER SUPPLY
4538 PULL BOX
4539 PULLEY/DRUM

Cable Winches
4542 RELAY
4545 RHEOSTAT
4546 ROLLER
4548 SHEAVE
4551 STARTER
4552 SWITCHBOARD
4554 SWITCHGEAR
4557 TRANSFORMER
4559 TURBINE
4561 WIRING (electrical)
4599 OTHER MACHINE, TOOL AND ELECTRIC PART

Chapter D – Source, Target, and Other Equipment
46 Metal materials--nonstructural

This group classifies nonstructural metal materials that are primarily formed to be further developed into structural metal products (e.g., reinforcing bar, sheet metal), but may also remain in a nonstructural condition as well (e.g., precious metal ingots, bars, etc.).

Includes: Nonstructural metal sheets, ingots, bars; molten or hot metals, slag.
Excludes: Structural bars (4219); structural plates, panels (4215); structural sheet metal (4221).

4601 INGOT
4602 MOLTEN METAL (or HOT METALS)
4603 SLAG
4604 BAR
4699 OTHER NONSTRUCTURAL METAL MATERIALS
    Metal sheets Unspecified
    Other, not elsewhere classified

47 Tars, sealants, caulking, insulating material

This group classifies liquid and fiber materials which are primarily used to seal gaps or openings in roofs, walls, windows, and other fixtures, as well as provide insulation in buildings and other structures.

Includes: Asphalt, roofing tar, fiberglass insulation, foam caulking, foam insulation, joint compound, patching compounds, plastic and vinyl caulking, sealants, waterproofers.
Excludes: Adhesives (0701); paint (0713); paint thinner (0716); caulking guns (7299).

4701 ASPHALT
4702 CAULKING
    Foam caulking Vinyl caulking
    Plastic caulking
4703 FIBERGLASS
    Fiberglass insulation
4704 INSULATION
    Foam insulation
4706 SEALANT
    Joint compounds Patching compounds
4707 TAR
Roofing tar

48 Tarps and sheeting—nonmetal

This group classifies nonmetal plastic, felt, and other fabric tarps and sheeting primarily used to protect the interiors and surfaces of structure elements such as roofs, ceiling, walls, and floors.

Includes: Roofing paper, roofing felt, plastic tarps, ground clothes, fabric sheeting.
Excludes: Rolls of roofing paper (1404); tars, sealants, caulking, insulation (47).

4899 OTHER NON METAL TARPS AND SHEETING

49 Vehicle and mobile equipment parts

This group classifies unattached parts which primarily function as the operating parts of vehicles and mobile equipment.

Electrical equipment for automobiles (except batteries) and other internal combustion engines, such as generators and alternators, is included in group 45.

Mechanical power transmission equipment (e.g., engines, gears) for industrial machinery and aircraft is classified in group 45.

If the part is known to be attached to a vehicle when an injury occurs, then the entire vehicle should be listed as the source.

If a part is know to be unattached and independent of a vehicle, or if it is unknown whether a vehicle is involved, then that specific part should be selected as the source.

Includes: Tires, inner tubes, wheels, engine parts and accessories, trailers, vehicle windshields, vehicle windows.
Excludes: Headlights, lightbulbs (2505); nonvehicle glass (4299); electric parts (45); nonvehicle engines (4518); nonvehicle windows (6312); vehicles (8); trailer trucks (8319); garden hoses (1303); house fans (3406); nonvehicle batteries and transmission systems (4599).

4902 AXLE
4903 BATTERY
4904 BATTERY CHARGER
4907 BRAKE
4908 BUMPER
4910 CHASSIS
4911 CRANK SHAFT
5 - Persons, Plants, Animals, and Minerals

This division classifies living organisms (including infectious and parasitic agents) and their products, as well as raw, metallic and nonmetallic minerals. Work-related HIV infections are classified under source code 5403.

Includes: Animals and animal products; fresh or processed food products; infectious and parasitic agents; metallic minerals; nonmetallic minerals (except fuel); person--injured or ill worker; person--other than injured or ill worker; unprocessed plants,
52 Animals and animal products

This group classifies living animals (except humans) as well as animal products (except foods).

*Includes:* Nonfood animal products, birds and fowl, fish, shellfish, insects, arachnids (spiders, ticks, scorpions), mammals (except humans), reptiles, snakes, animal waste products, including manure.

*Excludes:* Food products (5301); humans, persons (58); bone meal, ground oyster shells, dried blood, fertilizer, plant food (0601); apparel and textiles (92); processed poultry (5301).

5201 BEE
5202 BIRD/FOWL
  Chicken Geese
  Ducks Turkey
5203 CATTLE
5204 DEER
5205 DOG
5206 FEATHER
5207 FISH (or SHELLFISH)
5208 FUR
5209 GUINEA PIG
5210 HIDE
5211 HORSE
5212 INSECT/ARACHNIDS (not elsewhere classified)
  Ants Spiders
  Scorpion Ticks
5213 LEATHER
5214 PIG/HOG
5215 REPTILE
5216 RODENT
  Mouse Rat
5217 SNAKE
5298 OTHER ANIMAL
  Cats Sheep
  Other, not elsewhere classified Unspecified
5299 OTHER ANIMAL PRODUCT
  Bones Shell
  Other, not elsewhere classified Wool
53 **Food products—fresh or processed**

This group classifies fresh or processed foods obtained from animal or plants.

*Includes:* Bakery products, candy, confections, snack foods, beverages, dairy products, fruits, nuts, vegetables, grains, grain mill products, grain dust, meat, poultry, seafood, multiple foods or groceries, fats, oils, sugar, cocoa, chocolate.

*Excludes:* Animals and animal products (52); cash grain crops and field crops (5702); alcoholic beverage (0702).

5301 **FOOD**

- Bakery products
- Grains
- Beverages (not elsewhere classified)
- Grain mill products
- Candy
- Nuts
- Confections
- Snack foods
- Dairy products
- Vegetables
- Fruits
- Unspecified
- Other, not elsewhere classified

5302 **MEAT**

- Poultry
- Seafood
- Other, not elsewhere classified

54 **Infections and parasitic agents**

This group classifies organic (living) infectious and parasitic agents including bacteria, fungi, and viruses, including work-related cases of HIV infections.

*Includes:* Bacteria, fungi, viruses (including HIV cases).

5401 **BACTERIA**

5402 **FUNGUS/MOLD**

5403 **VIRUS**

5498 **OTHER INFECTIOUS AGENTS**

5499 **OTHER PARASITIC ORGANISM**

55 **Metallic minerals**

This group classifies raw, natural metallic minerals (or combination of minerals) from which a metal (or metals), or radiation can be extracted.

*Includes:* Nonradiating metal ores; natural and processed radiating metals.

*Excludes:* Metallic particulates, trace elements, dusts, powders, fumes (05); structural
and nonstructural metal materials (4); nonmetallic minerals, except fuel (56), molten metal (4602).

5506 PLUTONIUM NITRATE
5507 PLUTONIUM
5509 RADIOACTIVE MATERIAL
5510 RADIUM
5512 REACTOR FUEL
5513 REACTOR WASTE
5515 TRITIUM
5516 URANIUM
5599 OTHER METALLIC MINERALS

Bronze ore    Mercury ore
Copper ore    Nickel ore
Gold          Platinum
Iron ore      Silver ore
Lead ore      Tin ore
Other, not elsewhere classified   Zinc ore

56 Nonmetallic minerals, except fuel

This group classifies natural and processed products of mining, excavating, landslides, etc. except fuel.

Includes: Asbestos, boulders, natural and processed clay, dirt, earth, rocks, crushed stone, sand gravel, silica.

Excludes: Dry cement, mortar mix (0201); fuel (0803); ditches, channels, trenches (6232); excavations (6211); mines (6421); caves (64); tunnels (6437); dust (9504).

5601 ASBESTOS
5602 CLAY
5603 DIRT

Earth

5604 GRAVEL
5605 ROCKS
5606 SAND
5607 SILICA
5699 OTHER NONMETALLIC MINERALS

Boulders

Other, not elsewhere classified

57 Plants, trees, vegetation--not processed
The group classifies plants, trees, and vegetation in a natural or unprocessed condition.

**Includes:**
- Cash grain crops (including corn, rice, soybeans, wheat); field crops (including cotton, potatoes, sugarcane, tobacco); flowers; houseplants; poison ivy, oak, sumac; shrubs, grasses; trees, logs.

**Excludes:**
- Lumber (4211); processed wood pieces (4226); fresh or processed food products (5301).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5702</td>
<td>CROPS</td>
</tr>
<tr>
<td></td>
<td>Cash grain crops</td>
</tr>
<tr>
<td></td>
<td>Field crops</td>
</tr>
<tr>
<td>5701</td>
<td>GRASS/SHRUBS</td>
</tr>
<tr>
<td>5703</td>
<td>LOG</td>
</tr>
<tr>
<td>5704</td>
<td>PLANT</td>
</tr>
<tr>
<td></td>
<td>Flowers</td>
</tr>
<tr>
<td></td>
<td>Houseplants</td>
</tr>
<tr>
<td>5705</td>
<td>TREE</td>
</tr>
<tr>
<td>5706</td>
<td>VEGETATION</td>
</tr>
<tr>
<td></td>
<td>Poison ivy</td>
</tr>
<tr>
<td></td>
<td>Poison sumac</td>
</tr>
<tr>
<td></td>
<td>Poison oak</td>
</tr>
</tbody>
</table>

**58 Person**

This group classifies self-injured persons; bodily conditions, and self-inducted bodily motion injuries. This group also classifies injuries or illness inflicted by family members as well as non-family relations including co-workers, ex co-workers, and patients.

**Includes:**
- Bodily conditions of injured/ill workers; bodily motion or position of injured/ill worker; bodily fluids or substances of person (including blood, sweat, tears, saliva, urine, fecal matter); co-worker, former co-worker of injured/ill workers; health care patient or resident of health care facility; relative of injured/ill worker.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5801</td>
<td>INJURED OR ILL PERSON</td>
</tr>
<tr>
<td></td>
<td>Bodily conditions of injured/ill worker</td>
</tr>
<tr>
<td></td>
<td>Bodily motion or position of injured/ill worker</td>
</tr>
<tr>
<td>5802</td>
<td>OTHER THAN INJURED OR ILL PERSON</td>
</tr>
<tr>
<td></td>
<td>Bodily fluids of substances of person</td>
</tr>
<tr>
<td></td>
<td>Co-worker, former co-worker of injured/ill worker</td>
</tr>
<tr>
<td></td>
<td>Health care patient or resident of health care facility</td>
</tr>
<tr>
<td></td>
<td>Relative of injured/ill worker</td>
</tr>
</tbody>
</table>

**6 - Structures and Surfaces**

This division classifies all types of structures and structural elements including building structures and systems, bridges, stadia, tunnels, towers, and dams as well as other structural
elements. Also classified here are walking, working, and road surfaces. Structural elements, including doors, windows, roofs, and walls, are classified in group 63.

If the material identified as the source of an injury is the **general floor surface** in a building or on the ground, then the appropriate structure or surface in this division should be selected as the source.

If the material identified as the source of an injury is an **independent, unattached element**, then that specific element (part or material) should be listed as the source. Structural elements such as prefabricated roof trusses and windows, structures in their own right, should be listed as the source regardless of whether they are independent or part of a building.

Any ladder that is a fixed or temporary part of any structure is classified in group 75.

*Includes:* Building systems, floors, walkways, ground surfaces, other structural elements, structures.

*Excludes:* Bricks, blocks, structural stone (42); unattached structural metals (42); unattached building materials (42); ladders (75).

### 61  **Building systems**

This group classifies the mechanical systems in a building, including the climate control and plumbing systems. This category will primarily be used as a secondary source to classify building system complications which produce injuries or illnesses. For example, illnesses produced by foreign particles in the air may be the result of a poor ventilation (climate control) system; illnesses produced by contaminated drinking water may be the result of a poor plumbing system.

*Includes:* Climate control system; plumbing system.

*Excludes:* Fixtures (25); electric parts (45).

6101  **DRINKING WATER SYSTEM**
6103  **COOLING SYSTEM**
6105  **DELUGE SYSTEM**
6109  **FIRE ALARM SYSTEM**
6110  **FIRE SUPPRESSION SYSTEM**
6111  **FOAM SYSTEM**
6112  **HALON SYSTEM**
6113  **HVAC SYSTEM**
6124  **SAMPLING SYSTEM**
6128  **SPRINKLER SYSTEM**
6130  **VACUUM SYSTEM**
6131  **VENTILATION SYSTEM**

*Other climate control system*
62 Floors, walkways, ground surfaces

This group classifies walking, working, floor, and road surfaces. These surfaces can be temporary or permanent, indoors or outdoors, above or below ground, etc.

If the surface identified as the source of an injury is the *general floor surface* in a building or on the ground, *regardless of whether it is a permanent element* of a building, then the appropriate surface in this major group should be selected as the source.

*Includes:* Escalators, floors, ground, sidewalks, paths, outdoor walkways, stairs, steps, street, road, ditches, channels, trenches, excavations, piers, wharfs, ramps, runways, loading docks, moving walkways.

*Excludes:* Injuries where the floor, walkway, or ground surface is not the source of the injury; elevators (3510); roofs (6309); dirt, earth (5603);

6203 CATWALK
6205 CURB
6206 DECK
6207 DIKE
6209 EMBANKMENT
6210 ESCALATOR
   This code includes escalators mainly used as mechanical steps for the transportation of people from one level to another.
6211 EXCAVATION
6212 FLOOR
   This code includes the floor surface of any structure, vehicle, or machine.
   
   *Floor of building*       *Floor of mine*
   *Floor of elevator*       *Floor of vehicle*
   *Floor of scaffold, staging, or temporary work platform*
6214 GROUND
   This code includes any natural surface in the outdoors on which an employee is supported that is not elsewhere classified.
6217 LOADING DOCK
6219 PARKING LOT
   *Parking garage surfaces*   *Parking lot surfaces*
6221 PIER
   *Wharfs*
6222 PLATFORM
6223 RAMP
6224 ROAD (OR STREET)
   Driveways
   Public and private streets
6227 SIDEWALK/WALKWAY (outdoor)
   Bicycle path
   Path
   Hiking trails
   Walkways
   Jogging trails
6228 STAIR
   Indoor stair
   Outdoor stair
6230 STEP
   Indoor step
   Outdoor step
6232 TRENCH/DITCH
   Channel
6299 OTHER GROUND SURFACES
   Moving walkway
   Runway
   Other, not elsewhere classified
   Unspecified

63 Other structural elements

This group classifies the separate structural elements that are parts of buildings and other structures. Structural elements should be listed as source of an injury regardless of whether they are independent or part of a building.

Includes: Doors, fences, fence panels, gates, roof, roof trusses, skylights, walls, windows.

Excludes: Unattached building materials (42); unattached bricks, blocks, structural stone (42); unattached structural metals (42); ladders (75).

6301 CEILING
6302 CHIMNEY
6303 COLUMN
6304 DOOR
6305 DOOR FRAME
6307 FENCE
   Fence panels
6308 GATE
6309 ROOF
   Roof trusses
6310 WALL
6311 WINDOW FRAME
6312 WINDOW
6399 OTHER STRUCTURAL ELEMENTS
   Skylights
   Unspecified

Chapter D – Source, Target, and Other Equipment
Other, not elsewhere classified

64 Structures

This group classifies any type of constructed structures (e.g., buildings, stadia, tunnels, pools, scaffolding towers), including structures over land and water such as dams and bridges.

Specific structural surfaces (floors, stairs) and elements (window, door, roof) which produce an injury are classified in major groups 62 and 63.

Includes: Bridges, dams, locks, office, plant, and residential buildings, grandstands, stadia, mines, caves, tunnels, pools, scaffolds, staging, towers, poles, guardrails, road dividers, hydrants, wells..

Excludes: Floors, walkways, and ground surfaces (62); structural elements including doors, roofs, walls, windows, etc. (63).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6402</td>
<td>Bridge</td>
</tr>
<tr>
<td></td>
<td>Bridge abutments</td>
</tr>
<tr>
<td></td>
<td>Foot bridges</td>
</tr>
<tr>
<td></td>
<td>Overpass abutments</td>
</tr>
<tr>
<td></td>
<td>Swinging bridges</td>
</tr>
<tr>
<td>6403</td>
<td>Building (office, plant, and residential)</td>
</tr>
<tr>
<td></td>
<td>This code excludes guard station (6412) and trailer building (6435).</td>
</tr>
<tr>
<td></td>
<td>Apartments</td>
</tr>
<tr>
<td></td>
<td>Auditoriums</td>
</tr>
<tr>
<td></td>
<td>Barns</td>
</tr>
<tr>
<td></td>
<td>Boat houses</td>
</tr>
<tr>
<td></td>
<td>Factories</td>
</tr>
<tr>
<td></td>
<td>Gas stations</td>
</tr>
<tr>
<td>6406</td>
<td>Dam</td>
</tr>
<tr>
<td></td>
<td>Lock</td>
</tr>
<tr>
<td>6409</td>
<td>Fire Hydrant</td>
</tr>
<tr>
<td></td>
<td>Other hydrants</td>
</tr>
<tr>
<td>6412</td>
<td>Guard Station</td>
</tr>
<tr>
<td>6413</td>
<td>Guardrail</td>
</tr>
<tr>
<td></td>
<td>Road dividers</td>
</tr>
<tr>
<td>6420</td>
<td>Manhole/Sewer/Storm Drain</td>
</tr>
<tr>
<td>6421</td>
<td>Mine</td>
</tr>
<tr>
<td></td>
<td>Mine tunnels</td>
</tr>
<tr>
<td>6422</td>
<td>Pole</td>
</tr>
<tr>
<td></td>
<td>Power pole</td>
</tr>
<tr>
<td>6424</td>
<td>Pool</td>
</tr>
<tr>
<td>6429</td>
<td>Scaffold/Staging</td>
</tr>
<tr>
<td></td>
<td>Improvised staging</td>
</tr>
<tr>
<td></td>
<td>Supported staging</td>
</tr>
</tbody>
</table>
7 - Tools, Instruments, and Equipment

This division classifies handtools (nonpowered; powered; powered not determined), ladders (fixed, movable), equipment (photographic, protective, recreation, athletic), and instruments (medical and surgical). Other tools and instruments such as clocks, eating and cooking utensils, firearms, other health care and orthopedic equipment, musical instruments, sewing notions, wheelchairs, and writing supplies are also included in this division.

If a part that produces an injury is attached to a tool (e.g., a saw blade or drill bit) then the entire tool should be listed as the source.

If a part is known to be unattached and independent of a tool—or if it is probably that a tool is not involved in the injury—then that specific part should be listed as the source. Unattached drill bits and saw blades are classified in group 45.

Certain handtools are manufactured in both powered and nonpowered varieties. If it cannot be determined whether a handtool is powered or nonpowered, it should be classified in group 74.

Includes: Nonpowered handtools, powered handtools, handtools--power not determined, ladders, medical and surgical instruments, photographic equipment, protective equipment, recreation and athletic equipment, clocks, cooking and eating utensils (except knives), firearms, health care and orthopedic equipment, musical instruments, sewing notions, wheelchairs, writing supplies, drawing supplies, art supplies.

Excludes: Containers (1); furniture and fixtures (2); tool chests (2209); machinery (3); mechanical jacks (3515); parts and materials (4); hoisting accessories (44); machine, tool, and electric parts (45); tool parts, accessories (45); tarps (48).
This group classifies other tools, instruments, and containers not classified elsewhere.

*Includes:* clocks, cooking and eating utensils (except knives), firearms, health care and orthopedic equipment (not elsewhere classified), musical instruments, sewing notions, wheelchairs, writing supplies, drawing supplies, art supplies.

*Excludes:* Containers (1); furniture and fixtures (2); tool chests (2209); machinery (3); mechanical jacks (3515); parts and materials (4); hoisting accessories (44); machine, tool, and electric parts (45); tool parts, accessories (45); tarps (48).

7101 CRUTCHES
7102 FIREARMS
   This code excludes archery equipment (7999); bullets, pellets, bombs, torpedoes, grenades, missiles, rockets, artillery shells (91).
   Gun
   Pistol
   Revolver

7103 NEEDLE
   Sewing needle
7104 PIN
   Fabric pins
   Safety pins
7105 PENCIL/PEN
   Cartridges--refills
   Nibs
   Pencils--colored
   Pencils--lead
   Pencils--mechanical
7106 STRETCHER
7107 TIME CLOCK
   Cuckoo clocks
   Grandfather clocks
   Hourglasses
   Office clocks
7109 WHEELCHAIR
   Motorized wheelchair
   Nonmotorized wheelchair
7199 OTHER TOOLS, INSTRUMENTS, AND EQUIPMENT
   Art supplies and materials, except paint
   Art canvasses
   Easels
   Erasers
   Frames
   Ink pads
Stamps
Stencils
Cooking and eating utensils, except knives
Candles Matches--book
Canes Musical instruments
Chalk, crayons, marking devices Orthopedic braces
Combs Physical therapy equipment
Corsets Sewing notions
Curlers Soap dispensers
Fly swatters Supporters, orthopedic
Globes--geographical Tobacco pipes
Lighters Trusses
Other, not elsewhere classified

72 Handtools—nonpowered

This group classifies all nonpowered handtools which are hand-held and operated. Handtools in this group are not powered by electricity, fuel (gasoline, coal), air, steam, water, or gunpowder.

Unattached drill bits and saw blades are classified in source group (45).

Includes: The following types of nonpowered handtools: boring handtools, cutting handtools, digging handtools, gripping handtools, measuring handtools, striking and nailing handtools, surfacing handtools, turning handtools, cleaning handtools, crowbars, pitchforks, rakes, stapling tools.

Excludes: Workbenches, worktables (2408); hoisting accessories (44); metal fasteners such as nails, screws, nuts, and bolts (43); unattached drill bits and saw blades (45); powered handtools (73); handtools--power undetermined (74); carts and wheelbarrows (87); boring and drilling machinery (3307); sawing machinery (36); excavating machinery (33); clamps used as fasteners (4306); hooks (bush, grass, baling, and husking), grappling irons/hooks, anchors, cant hooks (4402); planing machinery (33); grinding, polishing machinery (33).

7201 AXE/HATCHET

Adzes
Bark spuds
Battle-axes
Broadaxes
Broad hatchets
Celts (stone axe)

7202 BROOM
<table>
<thead>
<tr>
<th>Code</th>
<th>Tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>7203</td>
<td>BRUSH</td>
</tr>
<tr>
<td>7204</td>
<td>CHISEL</td>
</tr>
<tr>
<td>7205</td>
<td>CROWBAR</td>
</tr>
<tr>
<td>7206</td>
<td>CUTTER</td>
</tr>
<tr>
<td>7207</td>
<td>FILE</td>
</tr>
<tr>
<td>7208</td>
<td>GAUGE</td>
</tr>
<tr>
<td>7209</td>
<td>HACK SAW</td>
</tr>
<tr>
<td>7210</td>
<td>HAMMER/MALLET</td>
</tr>
<tr>
<td>7211</td>
<td>HAND SAW</td>
</tr>
</tbody>
</table>

### Brooms
- Hand
- Push
- Straw

### Brushes
- Cleaning
- Steel

### Chisels
- Bench
- Cold
- Construction
- Corner
- Deep-mortise
- Dog leg
- Dovetail
- Mortise
- Paring
- Socket
- Steel
- Wood

### Nail pullers
- Pinch bars (large crowbars)

### Bolt cutters
- Paper cutters

### Emery boards
- Files--wood
- Bastard
- Cabinet
- Detail
- Diamond
- Nail
- Needle
- Round

### Center finders
- Gauges--multi
- Dovetail
- Marking
- Scoring

### Gavels
- Mallets--beechwood
- Carver's
- Cocobolo
- Printers'
- Rawhide
- Rubber
- Mauls
<table>
<thead>
<tr>
<th>Backsaws</th>
<th>Fret saws</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bow saws</td>
<td>Ryoba saws</td>
</tr>
<tr>
<td>Coping saws</td>
<td>Scroll saws</td>
</tr>
<tr>
<td>Cross-cut saws</td>
<td>Turning saws</td>
</tr>
<tr>
<td>Dozuki saws</td>
<td>Veneer saws</td>
</tr>
</tbody>
</table>

7213 HOE

<table>
<thead>
<tr>
<th>Hoes--garden</th>
<th>Hoses--masons’</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hoes--grub</td>
<td>Hoses--scuffle</td>
</tr>
</tbody>
</table>

7214 KNIFE

This code excludes scalpels and surgical knives (7601).

<table>
<thead>
<tr>
<th>Bayonets</th>
<th>Mat cutters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bread knives</td>
<td>Palette knives</td>
</tr>
<tr>
<td>Bushwhackers</td>
<td>Potato peelers</td>
</tr>
<tr>
<td>Butcher knives</td>
<td>Pushknives</td>
</tr>
<tr>
<td>Carving knives</td>
<td>Scrapers (used with lathes)</td>
</tr>
<tr>
<td>Cleavers</td>
<td>Scythes</td>
</tr>
<tr>
<td>Detail knives</td>
<td>Shaping knives</td>
</tr>
<tr>
<td>Dowel makers (used with lathes)</td>
<td>Sickles</td>
</tr>
<tr>
<td>Drawknives</td>
<td>Spears</td>
</tr>
<tr>
<td>Flails--hand-threshing</td>
<td>Steak knives</td>
</tr>
<tr>
<td>Gouges</td>
<td>Stilettos</td>
</tr>
<tr>
<td>Groovers</td>
<td>Swords</td>
</tr>
<tr>
<td>Hacks</td>
<td>Table knifes</td>
</tr>
<tr>
<td>Hunting knives</td>
<td>Veiners</td>
</tr>
<tr>
<td>Inshavers</td>
<td>Woodcarving knives</td>
</tr>
<tr>
<td>Knife blades</td>
<td>Woodturning tools</td>
</tr>
<tr>
<td>Lances</td>
<td>(Used with lathes)</td>
</tr>
<tr>
<td>Lilnoleum knives</td>
<td>X-Acto knives</td>
</tr>
</tbody>
</table>

7215 KNIFE, POCKET

<table>
<thead>
<tr>
<th>Switchblades</th>
</tr>
</thead>
</table>

7225 MEASURING TOOLS

This code excludes diagnostic machinery (3899).

<table>
<thead>
<tr>
<th>Angle finders</th>
<th>Plumb bobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balances</td>
<td>Protractors</td>
</tr>
<tr>
<td>Bevels</td>
<td>Rulers</td>
</tr>
<tr>
<td>Calipers--dial</td>
<td>Rules--bench</td>
</tr>
<tr>
<td>Calipers--inside</td>
<td>Rules--centering</td>
</tr>
<tr>
<td>Calipers--micrometer</td>
<td>Rules--foot</td>
</tr>
<tr>
<td>Calipers--outside</td>
<td>Rules--parallel</td>
</tr>
<tr>
<td>Calipers--vernier</td>
<td>Rules--pocket</td>
</tr>
<tr>
<td>Calipers--yankee</td>
<td>Rules--shop</td>
</tr>
<tr>
<td>Combination builders tools</td>
<td>Rules--steel</td>
</tr>
<tr>
<td>Compasses--magnetic</td>
<td>Sextant</td>
</tr>
</tbody>
</table>
Compasses--measuring  Scales
Dividers  Scales--bathroom
Gauges--dovetail  Size sticks
Gauges--marking  Spirit levels
Gauges--multi  Squares
Gauges--profile  Straight edges
Gauges--scoring  T squares
Levels  Tape lines
Metersticks  Tape measures
Micrometers  Trammel heads
Pantographs  Triangles
Plumbs  Yardsticks

7217  MOP
7218  PICK
Pick-axes  Mattocks (combination adz, pick, and axe)
Picks--ice

7219  PLANE
Cornering tools  Planes--jointer
Planes--bench  Planes--rabbet
Planes--block  Planes--router
Planes--bullnose  Planes--scraping
Planes--butt Mortise  Planes--scrub
Planes--combination  Planes--smoothing
Planes--compass  Planes--smoothing
Planes--fore  Scrapers--cabinet
Planes--hollowing  Shavehooks
Planes--jack  Spokeshaves

7220  PLIERS
This code excludes cutting pliers (7206), tweezers (7239), and visegrips (7241)
Forceps--excluding medical  Pincers
Nippers

7222  PUNCH
Counterpunches  Punches--belt
Countersinks  Punches--center
Paper-hole punchers

7223  RAKE
Rakes--garden  Rakes--swimming pool
Rakes--leaf

7224  RAZOR
Razorblades

7226  SCISSORS
Scissors--barber’s  Scissors--school
Scissors--hand  Scissors--tailor’s
<table>
<thead>
<tr>
<th>Code</th>
<th>Tool Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7227</td>
<td>SCREWDRIVER</td>
<td>Phillips head, Straight tip, Ratchet drivers</td>
</tr>
<tr>
<td>7228</td>
<td>SHEAR</td>
<td>Clippers--grass, Shears--pruning, Shears--hedge, Trimmers--hedge</td>
</tr>
<tr>
<td>7229</td>
<td>SHOVEL (OR TROWEL)</td>
<td>Scoops--hand, Trowels--cement, Shovels--snow, Trowels--garden, Spades, Spuds (combination trowel and chisel)</td>
</tr>
<tr>
<td>7231</td>
<td>SLEDGEHAMMER</td>
<td>Sledges</td>
</tr>
<tr>
<td>7232</td>
<td>SNIPS</td>
<td>Tin snips</td>
</tr>
<tr>
<td>7235</td>
<td>STAPLING TOOLS</td>
<td>Staplers--nonpowered, Staple guns--nonpowered</td>
</tr>
<tr>
<td>7237</td>
<td>TONGS</td>
<td>Tongs--ice, Tongs--oyster</td>
</tr>
<tr>
<td>7239</td>
<td>TWEEZERS</td>
<td></td>
</tr>
<tr>
<td>7240</td>
<td>VISE (OR CLAMPS)</td>
<td>Bench dogs, Clamps--spreader, Bench screws, Clamps--spring, Clamps--band, Clamps--toggle, Clamps--bar, Handscrews, Clamps--cam, Vises--bench, Clamps--eding, Vises--front, Clamps--hand, Vises--miter, Clamps--pipe</td>
</tr>
<tr>
<td>7241</td>
<td>VISEGRIPS</td>
<td></td>
</tr>
<tr>
<td>7242</td>
<td>WRENCH (not elsewhere classified)</td>
<td>Spanners, Wrenches--pipe, Wrenches--adjustable, Wrenches--socket, Wrenches--box, Wrenches--spark-plug, Wrenches--monkey, Wrenches--tuning, Wrenches--open-end</td>
</tr>
<tr>
<td>7243</td>
<td>WRENCH, ALLEN</td>
<td></td>
</tr>
<tr>
<td>7245</td>
<td>WRENCH, RATCHET</td>
<td></td>
</tr>
<tr>
<td>7299</td>
<td>NONPOWERED HANDTOOL</td>
<td>Abrasive pads, sanding, Letter openers, Augers, Miter boxes, Awls, Multi-stones, Batons, Nail clippers</td>
</tr>
</tbody>
</table>

Chapter D – Source, Target, and Other Equipment
<table>
<thead>
<tr>
<th>Beetles</th>
<th>Nightsticks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Billy clubs</td>
<td>Nunchuks</td>
</tr>
<tr>
<td>Bit braces</td>
<td>Nutcrackers</td>
</tr>
<tr>
<td>Bluejacks</td>
<td>Oilstone</td>
</tr>
<tr>
<td>Bludgeons</td>
<td>Padlocks</td>
</tr>
<tr>
<td>Bodkins (make holes in cloth)</td>
<td>Paint rollers</td>
</tr>
<tr>
<td>Bores</td>
<td>Paint sticks</td>
</tr>
<tr>
<td>Bradawl</td>
<td>Peavies--log handling</td>
</tr>
<tr>
<td>Breast augers</td>
<td>Pin vises</td>
</tr>
<tr>
<td>Breast drills</td>
<td>Pitchforks</td>
</tr>
<tr>
<td>Brace and bits</td>
<td>Post hole diggers</td>
</tr>
<tr>
<td>Braces</td>
<td>Pullers--wheel, gear, bearing</td>
</tr>
<tr>
<td>Can openers--hand operated</td>
<td>Pumice stone</td>
</tr>
<tr>
<td>Caulking guns</td>
<td>Push drills</td>
</tr>
<tr>
<td>Chasers (cut screw threads)</td>
<td>Rags, cleaning</td>
</tr>
<tr>
<td>Clubs</td>
<td>Ram rods (cleaning rods)</td>
</tr>
<tr>
<td>Corkscrews</td>
<td>Ratchet drills</td>
</tr>
<tr>
<td>Corundum stone</td>
<td>Reamers</td>
</tr>
<tr>
<td>Counterbores</td>
<td>Safety guides</td>
</tr>
<tr>
<td>Clubs</td>
<td>Sanders, hand</td>
</tr>
<tr>
<td>Dibbles</td>
<td>Sanding grips</td>
</tr>
<tr>
<td>Drills, hand</td>
<td>Sanding sticks</td>
</tr>
<tr>
<td>Dusters, feather</td>
<td>Sandpaper</td>
</tr>
<tr>
<td>Emery wheels</td>
<td>Slipstones</td>
</tr>
<tr>
<td>Gimlets</td>
<td>Sponges, cleaning</td>
</tr>
<tr>
<td>Grease guns</td>
<td>Staffs</td>
</tr>
<tr>
<td>Hawks (motar holders)</td>
<td>Staple removers</td>
</tr>
<tr>
<td>Honing stones</td>
<td>Staves</td>
</tr>
<tr>
<td>Jigs</td>
<td>Tampers</td>
</tr>
<tr>
<td>Joint braces</td>
<td>Water stones</td>
</tr>
<tr>
<td>Keys</td>
<td>Wedges</td>
</tr>
<tr>
<td>Lawn edgers</td>
<td>Whetstone</td>
</tr>
<tr>
<td>Leaf skimmers</td>
<td>Wimbles</td>
</tr>
<tr>
<td>Other, not elsewhere classified</td>
<td>Unspecified</td>
</tr>
</tbody>
</table>

### 73 Handtools—powered

This group classifies all of the handtools which are hand-held and require a source of energy to operate (i.e., electricity, gasoline, diesel, coal, air, steam, water, or gunpowder).

If a drill bit, saw blade, or other tool part produces an injury is **attached** to a handtool then the entire handtool should be listed as the source. Unattached drill bits and saw blades are classified as source group 45.
If a part is known to be unattached and independent of a handtool—or if it is probable that a handtool is not involved in the injury—then that specific part should be listed as the source. Handtool parts are classified in source group 45.

Certain handtools are manufactured in both powered and nonpowered varieties. If it cannot be determined whether a handtool is powered or nonpowered, it should be classified in group 74.

**Includes:** The following types of handtools: boring handtools, cutting handtools, striking and nailing handtools, surfacing handtools, turning handtools, welding and heating handtools, nail guns, powered scrubbers, waxes, handheld paint sprayers, electric or pneumatic stapling tools.

**Excludes:** Machinery (3); agricultural and garden machinery (32); power lawn mowers (3299); hair and hand dryers (3406); vacuum cleaners (3415); hydraulic, pneumatic jacks (3515); metalworking machinery, woodworking machinery (36); drilling machine and augers used in construction and mining (3307); stationary drills (3605); stationary saws (36); unattached drill bits, saw blades (45); nonpowered handtools (72); laser cutting machinery (3699); pile driving and stamping machinery used in construction (3399); grinding and polishing machinery (3607); lathes and turning machines (3609); irons (3408); spot welding machinery (3617 and 3618).

7301  AIR TAMPER
7302  BUFFER
    Hand buffering machines  Floor buffers
7303  CHISEL
7304  CUTTER
7305  DRILL
    Countersinks--powered
    Drills--cordless
    Drills--hand
7307  GRINDER, Hand
    Grinders--bench
    Grinders--electric
    Grinders--pneumatic
    Grinders--snagging
7308  HAMMER
    Air hammers
    Chipping hammers
7309  IMPACT WRENCH
    Wrenches--air
7310  JACKHAMMER

Chapter D – Source, Target, and Other Equipment  D-58
Pile driving jackhammers  Steam hammers

7311 NAIL GUN
    Nail guns--air  Point drivers
    Nail guns--electric
    Nail guns--gunpowder activated

7313 POLISHER (OR WAXERS)
    Polishers--powered  Polishing heads

7314 RIVETER
    Electric riveting hammers  Pneumatic hammers
    Electric riveters  Powered riveters

7315 ROUTER
    Molders

7316 SAND BLASTING EQUIPMENT

7317 SANDER (not elsewhere classified)
    Sand belts  Sanders--finishing
    Sanders--belt

7318 SANDER, DISC

7320 SAW
    Circular saws  Jig saws

7321 SAW, CHAIN

7324 SCREWDRIVER
    Powered

7326 SOLDERING IRON
    Burning systems  Tips--soldering
    Electric burn-in knives  Tiplets--soldering
    Soldering cooper's  Woodburning sets
    Soldering tools  Woodburning pens
    Soldering guns

7327 SPRAY GUN
    Paint sprayers

7328 STAPLER
    Staple guns--electric  Staple guns--pneumatic
    Staple guns--gunpowder activated

7329 TORCH
    Propane torch

7330 TORCH, BLOW

7334 WELDING EQUIPMENT

7399 POWERED HAND TOOL
    Augers
    Braces
    Bolt setters
    Edgers
    Flashlights
    Knives
Plate joiners
Punches
Rasps--rotary
Razors--electric
Scrubbers--powered
Shears
Trimmers

74 Handtools--power not determined

The source group should only be used to classify those handtools which are manufactured in both powered and nonpowered varieties. If it cannot be determined whether these handtools are powered or nonpowered, they should be classified in this group.

Includes: The following types of handtools (power not determined): boring, cutting, striking, nailing, surfacing, turning, stapling.

Excludes: Handtools determined to be nonpowered (72); handtools determined to be powered (73).

7401 HANDTOOLS, POWER NOT DETERMINED

75 Ladders

This group classifies fixes and movable ladders of any construction: wooden, steel, aluminum, plastic, etc. Fixed ladders are immovable, permanent fixtures. Moveable ladders are portable, foldable, or extendable. All ladders are classified here regardless of the structure or object to which they are attached.

Includes: Fixed ladders, movable ladders.

Excludes: Stairs (6228); steps (6230).

7501 LADDER

<table>
<thead>
<tr>
<th>Ladder Assemblies--combination work stands</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ladders--chain</td>
</tr>
<tr>
<td>Ladders--fire escape</td>
</tr>
<tr>
<td>Ladders--fire truck</td>
</tr>
<tr>
<td>Ladders--folding</td>
</tr>
<tr>
<td>Ladders--sewer</td>
</tr>
<tr>
<td>Ladders--silo</td>
</tr>
<tr>
<td>Ladders--step</td>
</tr>
<tr>
<td>Ladders--swimming pool</td>
</tr>
<tr>
<td>Ladders--utility truck</td>
</tr>
<tr>
<td>Stiles</td>
</tr>
<tr>
<td>Stools-step</td>
</tr>
</tbody>
</table>

76 Medical and surgical instruments

This group classifies all medical, surgical, ophthalmic, and veterinary instruments. Included here are hypodermic needles and syringes; surgical knives (scalpels); medical...
forceps and retractors; and other medical and surgical instruments.

**Includes:** Needles and syringes; scalpels, surgical knives.

**Excludes:** Oxygen tanks (1399); laser cutting machinery (3699); medical machinery (3899); x-ray machinery (3810); respirators (7850); health care and orthopedic equipment, wheelchairs (71).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7601</td>
<td>SCALPEL</td>
</tr>
<tr>
<td>7602</td>
<td>SYRINGE</td>
</tr>
<tr>
<td>7603</td>
<td>HYPODERMIC NEEDLE</td>
</tr>
<tr>
<td>7699</td>
<td>OTHER MEDICAL INSTRUMENTS</td>
</tr>
</tbody>
</table>

Dental burs  Speculums
Forceps  Suture needles
IV transfusion apparatus  Trephines
Retractors

77 Photographic equipment

This group classifies all types of cameras and photographic equipment used in the photography field such as cameras, slide and movie projectors, video cameras, photographic paper, tripods, stands, photographic and x-ray film, and other equipment related to the field of photography.

**Includes:** Cameras; photographic paper and cloths; projectors; tripods, stands; darkroom apparatus.

**Excludes:** Photographic and copy solutions (0799); optical scanning devices (3701); photocopiers (3705); x-ray machinery and equipment (3810).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7701</td>
<td>TRIPOD (OR STANDS)</td>
</tr>
<tr>
<td></td>
<td>Braces--camera</td>
</tr>
<tr>
<td></td>
<td>Braces--projector</td>
</tr>
<tr>
<td>7799</td>
<td>PHOTOGRAPHIC EQUIPMENT</td>
</tr>
<tr>
<td></td>
<td>Camera parts</td>
</tr>
<tr>
<td></td>
<td>Cameras--aerial</td>
</tr>
<tr>
<td></td>
<td>Cameras--box</td>
</tr>
<tr>
<td></td>
<td>Cameras--candid</td>
</tr>
<tr>
<td></td>
<td>Cameras--folding</td>
</tr>
<tr>
<td></td>
<td>Cameras--hand</td>
</tr>
<tr>
<td></td>
<td>Cameras--home movie</td>
</tr>
<tr>
<td></td>
<td>Cameras--instant</td>
</tr>
<tr>
<td></td>
<td>Cameras--motion-picture</td>
</tr>
<tr>
<td></td>
<td>Cameras--movie</td>
</tr>
<tr>
<td></td>
<td>Cameras--pinhole</td>
</tr>
<tr>
<td></td>
<td>Editing equipment</td>
</tr>
<tr>
<td></td>
<td>Enlargers</td>
</tr>
<tr>
<td></td>
<td>Exposure meters</td>
</tr>
<tr>
<td></td>
<td>Film reels</td>
</tr>
<tr>
<td></td>
<td>Flash bulbs</td>
</tr>
<tr>
<td></td>
<td>Identity recorders</td>
</tr>
<tr>
<td></td>
<td>Movie screens</td>
</tr>
<tr>
<td></td>
<td>Paper--blueprint</td>
</tr>
<tr>
<td></td>
<td>Paper--brownprint</td>
</tr>
<tr>
<td></td>
<td>Paper--diazo</td>
</tr>
<tr>
<td></td>
<td>Paper--photographic</td>
</tr>
</tbody>
</table>
78  **Protective equipment**

This group classifies protective equipment worn to protect workers from injuries or illnesses in hazardous work environments.

*Includes:*  Hearing protection, face protection, head protection, fall and motion protection, respiratory tract protection, eye protection, foot and leg protection, hand and arm protection, protective clothing.

*Excludes:*  Oxygen tanks (1399).

7801  Other personal protective equipment, not elsewhere classified
7810  Earplugs and hearing protectors
  7811  EAR MUFFS
  7812  EAR PLUG
  7819  OTHER HEARING PROTECTION
7820  Face protection, including face shields, welding masks
  7821  FACE SHIELD
  7822  SAND BLASTER'S HOOD
  7823  SIDE SHIELDS
  7824  WELDER'S HOOD
  7825  OTHER FACE PROTECTION
7830  Head protection
  7831  BUMP CAP
  7832  CHIN STRAP
  7833  HARD HAT
  7834  HELMET
  7839  OTHER HEAD PROTECTION
7840  Fall and motion protection
  7841  FALL PROTECTION DEVICE SYSTEM
  7842  FLOTATION DEVICE
  7843  POSITION DEVICE SYSTEM
  7844  SAFETY BELT
7845 SAFETY HARNESS
7846 SAFETY LINE OR LANYARD
7847 SAFETY NET
7848 SEAT BELT
7849 WARNING LINE
784A OTHER FALL AND MOTION PROTECTION
7850 Respiratory Tract Protection
7851 AIR MASK
7852 AIR PURIFYING RESPIRATOR
7853 DUST MASK
7854 ESCAPE ONLY RESPIRATOR
7855 POWERED AIR PURIFYING RESPIRATOR
7856 SELF-CONTAINED BREATHING APPARATUS
7857 SUPPLIED AIR RESPIRATOR
7858 SUPPLIED AIR RESPIRATORY WITH SCBA PROTECTION
7859 OTHER RESPIRATORY TRACT
7860 Eye Protection: Safety glasses or goggles
7861 GOGGLE
7862 SAFETY GLASSES
7863 SAFETY GLASSES WITH SIDE SHIELDS
7864 TINTED SAFETY GLASSES
7869 OTHER EYE PROTECTION
7870 Foot and Leg Protection
7871 ANKLE PROTECTION
7872 KNEE PADS
7873 LEGGINGS
7874 METAL SHOE COVER
7875 METATARSAL PROTECTION
7876 SAFETY BOOTS
7877 SHOE COVER
7878 SAFETY SHOE
7879 OTHER FOOT PROTECTION
7880 Arm and hand protection
7881 FOREARM PROTECTION
7882 GLOVES
7883 WRIST BANDS
7884 OTHER HAND AND ARM PROTECTION
7890 Protective Clothing
7891 ACID SUIT
7892 ANTICONTAMINATION CLOTHING
7893 COVERALLS
7894 FLAME RETARDANT CLOTHING
7895 FULLY ENCAPSULATED CHEMICAL PROTECTIVE SUIT
7896 LAB COAT
Recreation and athletic equipment

This group classifies indoor and outdoor recreation and athletic equipment.

*Includes:*  
Camping equipment; gymnasium and exercise equipment; playground equipment; riding good and equipment; snow skiing goods and equipment; water sports equipment.

*Excludes:*  
Firearms (7102); ammunition (9101); athletic clothing and footwear (92); tarps (48); flashlights (7299); safety glasses, goggles (7860); snowmobiles (8599); skiing apparel (9299); oxygen tanks (1399); ear plugs (7812); water vehicles (8999); jet skis (8999); bathing suits, wet suits, beach apparel (9299); respirators and personal protective devices (7850); mopeds (8308); bicycles (8401); powered golf carts (8599); gocarts (8599).

7901 BALL  
7902 BASKETBALL  
7903 VOLLEYBALL  
7904 EXERCISE EQUIPMENT  
Exercise cycles  
Exercise machines  
Gym mats  
Jogging machines  
Jump ropes  
Rowing machines  
Treadmills

7905 WEIGHT LIFTING EQUIPMENT  
7999 OTHER RECREATION EQUIPMENT  
Camping Equipment  
Back packs  
Canteens  
Mess kits  
Portable coolers  
Portable lanterns  
Sleeping bags  
Tents and accessories  
Thermoses

Playground equipment  
Jungle bars  
Play sets--outdoor  
Sandboxes  
Riding goods and equipment  
Crops  
Reins  
Snow skiing goods and equipment  
Bobsleds  
Sliding boards  
Swing sets  
Swings  
Saddles  
Ski poles
8 - Vehicles

This division classifies vehicles that generally move on wheels, runners, water, or air. A vehicle serves the primary purpose of transporting people (e.g., automobiles, passenger, trains), but it may serve as a means of carrying or transferring goods (e.g., forklifts, wheelbarrows). In addition, a vehicle may serve primarily as a recreational device (e.g., canoes, bicycles, jet skis, etc.). Vehicles for all modes of public, private, work-related, and recreational transportation are included in this division.

Machinery, which are primarily used for agricultural, construction, logging, mining, manufacturing, and other processing purposes, are classified in division 3.

A vehicle code should be selected whenever the event is a transportation accident.

If a vehicle part that produces an injury is attached to a vehicle, then the entire vehicle should be listed as the source.

If a vehicle part is known to be unattached and independent of a vehicle--or if it is probable that a vehicle is not involved in the injury--then that specific part should be listed as the source. Unattached vehicle and mobile equipment parts are classified in group 49. Unattached trailers are classified under source code 4934. Unattached vehicle windshield are windows are classified under source codes 4948 and 4952, respectively.

If the source of an injury is identified as the floor surface in a vehicle, it should be classified...
82 Air vehicle

This group classifies fixed- and rotary-winged aircraft. An air vehicle code should be selected whenever the event is an aircraft accident.

Includes: Powered fixed wing aircraft; powered rotary wing aircraft; nonpowered aircraft; spacecraft.

8201 AIRCRAFT, FIXED WING
   Jet
   Propeller-driven aircraft
8202 HELICOPTER
8203 AIRCRAFT
   Dirigibles
   Hot-air balloons
   Gliders--nonpowered
   Parachutes
   Spacecraft
   Other, not elsewhere classified

83 Highway vehicle, motorized

This group classifies vehicles which are operated primarily on highways and used for transportation, hauling, delivering, and emergencies. A motorized highway vehicle code should be selected whenever the event is a transportation accident involving a highway vehicle(s).

Includes: Automobiles, buses, motorcycles, mopeds, motor homes, recreational vehicles, trucks, vans.

Excludes: Nonmotorized highway vehicles such as bicycles, horse drawn carriages (84); powered industrial carriers (8604); tractors (8699).

8301 AMBULANCE
8303 BUS
8304 DUMP TRUCK
8305 FIRE TRUCK
8306 GARBAGE TRUCK
8307 JEEP
8308 MOPED
8309 MOTORCYCLE
  Dirt bikes
8310 PANEL TRUCK
8311 PICKUP TRUCK
8312 AUTOMOBILE
8314 SCOOTER
8316 SUBURBAN
8317 TANK TRUCK
8318 TAXI
8319 TRACTOR/TRUCK
  Semitrailer
  Trailer truck
  Tractor trailer
8320 TRUCK (not elsewhere classified)
8321 VAN
8399 OTHER HIGHWAY VEHICLE, MOTORIZED
  Motor home
  Other, not elsewhere classified

84 Highway vehicle, nonmotorized

This group classifies animal or human powered highway vehicles, as well as other nonmotorized highway vehicles.

Includes: Horsedrawn carriages; bicycles.
Excludes: Motorized highway vehicles (83); nonpowered plant and industrial vehicles (87).

8401 BICYCLE
  Mountain bicycles
8499 OTHER NONPOWERED VEHICLE
  Horsedrawn carriages
  Other, not elsewhere classified

85 Offroad vehicle, nonindustrial

The source group classifies nonindustrial offroad vehicles that are commonly used for recreational or special terrain-traversing purposes.

Includes: All terrain vehicles (ATV’s), powered golf carts, snowmobiles.
Excludes: Motorcycles, dirt bikes (8309); jeeps, four-wheel drive trucks (83);
mountain bicycles (8401).

8501 ALL TERRAIN VEHICLE
     ATV
8599 OTHER OFFROAD VEHICLE
     Golf cart powered
     Snowmobile

86 Plant and industrial powered vehicles, tractors

This group classifies forklifts, powered industrial carriers, and tractors which are used for carrying and transporting heavy materials. Tractors which are connected to agricultural or construction machinery implements are classified in division 3.

Includes: Forklifts, powered industrial carriers, tractors.
Excludes: Tractors connected to agricultural or construction machinery implements (3); robots (3999); truck and vehicle scales (7225).

8601 BOOMLIFT TRUCK
8602 FORKLIFT
8603 MANLIFT TRUCK
8604 POWERED CARRIER (not elsewhere classified)
     Container carrier
     Straddle carrier
     Lumber carrier
8606 SNOW VEHICLE
8607 STACKER
     Stacker carrier
8608 SWEEPER
8699 OTHER INDUSTRIAL VEHICLE
     Tractor (This code classifies tractors which are commonly used for towing agricultural and hauling implements. Specialized agricultural or construction machinery which consist of a tractor and the specialized attachment are classified in division 3. This code is used to classify tractors only.)
     Other, not elsewhere classified

87 Plant and industrial vehicle—nonpowered

This source group classifies nonpowered plant and industrial vehicles and other wheeled equipment used for transporting and hauling payloads.

Includes: Carts, dollies, handtrucks, wheelbarrows.

8701 CART
8702 DOLLY
8703       HAND TRUCK
8704       WHEELBARROW
8799       OTHER NONPOWERED PLANT AND INDUSTRIAL VEHICLE

88   Rail vehicle

This major group classifies mass transit and freight vehicles operating above and below ground.

8804       TRAIN
8805       TROLLEY
          Streetcar
8899       OTHER RAIL VEHICLE
          Monorail rides
          Subway
          Roller coasters

89   Water vehicle

This group classifies water vehicles used for transporting materials or for recreational purposes.

8901       BOAT (OR SHIP)
          Motorboat, yachts
          Sailboat, sailing ship
          Ships--other than sail powered
          Tugboat, commercial fishing boat
8999       WATER VEHICLE
          Barge
          Canoe
          Jet skis
          Kayak
          Rowboat
          Raft
          Other, not elsewhere classified

9 - Other

This division classifies sources of injuries and illness that are not classified in the previous divisions. Classified here are ammunition and explosive devices; apparel and textiles; atmospheric and environmental conditions; paper, books, magazines; scraps, waste, debris; steam, vapors, liquids; and other sources not elsewhere classified.

Includes: Ammunition; apparel and textiles; atmospheric and environmental conditions; paper, books, magazines; scrap, waste, debris; steam, vapors, liquids; not elsewhere classified.

Excludes: (See individual source groups).
91 Ammunition

This group classifies those projectiles which are fired by a weapon or exploded as a weapon, such as mines and grenades.

Includes: Bullets, explosive devices, pellets.
Excludes: Dynamite, gunpowder, fireworks (0709); firearms (7102).

9101 AMMUNITION
   Artillery shells Missiles
   Bombs Pellets
   Depth charges Rockets
   Grenades Shot
   Mines Torpedoes
   Other, not elsewhere classified

9102 BULLET

92 Apparel and textiles

This group classifies all products and apparel that clothe the human body made from any fabric. Also included here are jewelry, watches, eyeglasses, textile products, and laundry.

Includes: Clothing and shoes; eyeglasses, jewelry, and watches; textile products; laundry.
Excludes: Fur, wool, and leather (52); hard hats (7833); skis (7999); ice, roller skates (7999); floor, wall, window coverings (23); beds, bedding, mattresses (24); textile, apparel, leather production machinery (38); protective clothing (7890).

9202 BELT
9203 BLOUSE
9204 BOOT
9205 CLOTH
   Fabric
9206 CLOTHING
   Bathing suits Nightgowns
   Briefs Nightshirts
   Diving suits Pajamas
   Lingerie Scarves
   Neckties Swimsuits

9207 COAT
   Jacket
9209 DRESS
   Skirt
9210  EYEGLASSES
     Contact lenses  Sunglasses
9212  HAT
     Cap
9213  JEWELRY
     Watches
9215  PANTS
     Trousers
9216  SHIRT
9217  SHOE
     Sandals  Slippers
9221  SUIT
9223  TOWEL
9299  OTHER TEXTILE ITEM
     Laundry  Thread
     Other, not elsewhere specified  Yarn

93  Atmospheric and environmental conditions

This group classifies conditions of the environment such as air pressure, temperature, and other atmospheric conditions, as well as events such as natural disasters.

Select weather and atmospheric conditions, or geological events (floods, earthquakes, avalanches) as the source of injury when that is the only possible source identified.

Includes:  Air pressure; avalanche, mud slide, earthquake, fire, flame, smoke, flood, environmental temperature extremes, weather and atmospheric conditions, noise, sun.

9301  EARTHQUAKE
9303  FIRE
     Flame
9306  ICE
9307  RAIN
9308  SMOKE
     This code excludes welding fumes (0599).
     Fire gases
9309  SNOW
     Sleet
9310  SUN
9312  WIND
9399  OTHER ATMOSPHERIC & ENVIRONMENTAL CONDITIONS
     Air pressure  Mud slide
<table>
<thead>
<tr>
<th>Natural Disasters</th>
<th>Natural Disasters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avalanche</td>
<td>Noise</td>
</tr>
<tr>
<td>Flood</td>
<td>Smog</td>
</tr>
<tr>
<td>Fog</td>
<td>Temperature extremes</td>
</tr>
<tr>
<td>Hurricane</td>
<td>Tornado</td>
</tr>
<tr>
<td>Lightning</td>
<td>Typhoon</td>
</tr>
<tr>
<td>Other, not elsewhere</td>
<td>Unspecified</td>
</tr>
</tbody>
</table>

### 94  Paper, books, magazines

This group classifies paper and paper products such as books and magazines.

**Excludes:** Containers (1); photographic paper (7799).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9401</td>
<td>BOOK</td>
</tr>
<tr>
<td></td>
<td>Notebooks</td>
</tr>
<tr>
<td>9403</td>
<td>CATALOG</td>
</tr>
<tr>
<td>9404</td>
<td>COMPUTER PAPER</td>
</tr>
<tr>
<td>9405</td>
<td>ENVELOPE</td>
</tr>
<tr>
<td>9406</td>
<td>FILE FOLDER</td>
</tr>
<tr>
<td>9409</td>
<td>MAGAZINE</td>
</tr>
<tr>
<td>9410</td>
<td>MAIL</td>
</tr>
<tr>
<td>9411</td>
<td>MANUAL</td>
</tr>
<tr>
<td>9414</td>
<td>PAPER</td>
</tr>
<tr>
<td></td>
<td>Sheets</td>
</tr>
<tr>
<td>9499</td>
<td>OTHER PAPER ITEM</td>
</tr>
</tbody>
</table>

### 95  Scrap, waste, debris

This group classifies discarded fragments of unknown origin such as ashes, garbage, sewage, etc.; as well as other dirt, glass, metal, wood, or unidentified particles.

**Includes:** Chips, particles, splinters, sewage, trash, garbage.

**Excludes:** Chemical metallic particulates, trace elements, dusts, powders, fumes (05); molten or hot metals, slag (46); metallic minerals (55); nonmetallic minerals (56).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9501</td>
<td>CHIP</td>
</tr>
<tr>
<td>9502</td>
<td>DEBRIS</td>
</tr>
<tr>
<td>9503</td>
<td>GARBAGE</td>
</tr>
<tr>
<td>9504</td>
<td>PARTICLE/DUST</td>
</tr>
<tr>
<td>9505</td>
<td>SAWDUST/WOOD CHIPS</td>
</tr>
<tr>
<td>9506</td>
<td>SCRAP</td>
</tr>
<tr>
<td>9507</td>
<td>SPLINTER</td>
</tr>
<tr>
<td>9508</td>
<td>TRASH</td>
</tr>
</tbody>
</table>
This group classifies water, steam, water vapor, and other liquids and vapors not elsewhere classified. It includes water that is converted into vapor or gas by being heated to the boiling point, and water vapor kept under pressure so as to supply energy for heating, cooking, or mechanical work.

*Includes:* Nonchemical steam, vapors; liquids, water.

*Excludes:* Rain (9307).

9601 LIQUID
9602 STEAM
9603 VAPOR
9604 WATER

9899 OTHER, NOT ELSEWHERE CLASSIFIED

This code is used for sources not classified elsewhere in the source code structure. This code is also used when the source that inflicted the injury is not known.
Chapter E - CAIRS Personal Protective Equipment Codes

For injury/illness events, this field identifies the personal protective equipment (PPE) that was in use at the time of the accident/incident. The personal protective equipment code divisions are arranged as follows:

<table>
<thead>
<tr>
<th>DIVISION</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Other Personal Protective Equipment</td>
</tr>
<tr>
<td>01</td>
<td>Earplugs, and Hearing Protectors</td>
</tr>
<tr>
<td>02</td>
<td>Face Protection, including Face Shields, Welding Masks</td>
</tr>
<tr>
<td>03</td>
<td>Head Protection</td>
</tr>
<tr>
<td>04</td>
<td>Fall and Motion Protection</td>
</tr>
<tr>
<td>05</td>
<td>Respiratory Tract Protection</td>
</tr>
<tr>
<td>06</td>
<td>Eye Protection</td>
</tr>
<tr>
<td>07</td>
<td>Foot and Leg Protection</td>
</tr>
<tr>
<td>08</td>
<td>Arm and Hand Protection</td>
</tr>
<tr>
<td>09</td>
<td>Protective Clothing</td>
</tr>
</tbody>
</table>

RULES OF SELECTION:

1. Name the personal protective equipment indicated on the source document. You should read the 5484.3 form narrative to identify the PPE used.

2. Enter from one to three codes, separated by commas.

3. If PPE was not worn or cannot be determined from the source document, no PPE code is selected.

00 - Other Personal Protective Equipment

This code classifies personal protective equipment that are not elsewhere classified or are not specified.

0001 OTHER PERSONAL PROTECTIVE EQUIPMENT

01 - Earplugs and Hearing Protectors

0101 EAR MUFFS
0102 EAR PLUG(S)
0199 OTHER HEARING PROTECTION

02 - Face Protection, including Face Shields, Welding Masks

0201 FACE SHIELD
0202 SAND BLASTER'S HOOD
0203 SIDE SHIELDS
0204 WELDER'S HOOD
0299 OTHER FACE PROTECTION

03 - Head Protection

0301 BUMP CAP
0302 CHIN STRAP
0303 HARD HAT
0304 HELMET
0399 OTHER HEAD PROTECTION

04 - Fall and Motion Protection

0401 FALL PROTECTION DEVICE SYSTEM
0402 FLOTATION DEVICE
0403 POSITION DEVICE SYSTEM
0404 SAFETY BELT
0405 SAFETY HARNESS
0406 SAFETY LINE OR LANYARD
0407 SAFETY NET
0408 SEAT BELT
0409 WARNING LINE
0499 OTHER FALL AND MOTION PROTECTION

05 - Respiratory Tract Protection

0501 AIR MASK
0502 AIR PURIFYING RESPIRATOR
0503 DUST MASK
0504 ESCAPE ONLY RESPIRATOR
0505 POWERED AIR PURIFYING RESPIRATOR
0506 SELF-CONTAINED BREATHING APPARATUS
0507 SUPPLIED AIR RESPIRATOR
0508 SUPPLIED AIR RESPIRATORY WITH SCBA PROTECTION
0599 OTHER RESPIRATOR TRACT

06 - Eye Protection

0601 GOGGLE(S)
0602 SAFETY GLASSES
0603 SAFETY GLASSES WITH SIDE SHIELDS
0604 TINTED SAFETY GLASSES
0699  OTHER EYE PROTECTION

07 - Foot and Leg Protection

0701  ANKLE PROTECTION
0702  KNEE PADS
0703  LEGGINGS
0704  METAL SHOE COVER
0705  METATARSAL PROTECTION
0706  SAFETY BOOTS
0707  SHOE COVER(S)
0708  SAFETY SHOE(S)
0799  OTHER FOOT PROTECTION

08 - Arm and Hand Protection

0801  FOREARM PROTECTION
0802  GLOVES
0803  WRIST BAND
0899  OTHER HAND AND ARM PROTECTION

09 - Protective Clothing

0901  ACID SUIT
0902  ANTICONTAMINATION CLOTHING
0903  COVERALLS
0904  FLAME RETARDANT CLOTHING
0905  FULLY ENCAPSULATED CHEMICAL PROTECTIVE SUIT
0906  LAB COAT
0907  RADIATION SUIT
0908  RAIN GEAR
0909  REFLECTIVE VEST
0910  WET SUIT
0911  OTHER PROTECTIVE CLOTHING
Chapter F - Activity Codes

The activity code is a four character code that identifies the primary activity that was in progress at the time that the accident occurred. The activity code divisions are arranged as follows:

<table>
<thead>
<tr>
<th>DIVISION</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Unspecified</td>
</tr>
<tr>
<td>01</td>
<td>Office</td>
</tr>
<tr>
<td>02</td>
<td>Construction</td>
</tr>
<tr>
<td>03</td>
<td>Maintenance/Repair</td>
</tr>
<tr>
<td>04</td>
<td>Other</td>
</tr>
<tr>
<td>05</td>
<td>Security</td>
</tr>
<tr>
<td>06</td>
<td>Janitorial/Food Service</td>
</tr>
<tr>
<td>07</td>
<td>Production/Post Production</td>
</tr>
<tr>
<td>08</td>
<td>Material Handling</td>
</tr>
<tr>
<td>09</td>
<td>Research/Testing</td>
</tr>
<tr>
<td>10</td>
<td>Transportation</td>
</tr>
<tr>
<td>11</td>
<td>Mining/Drilling</td>
</tr>
</tbody>
</table>

RULES OF SELECTION:

1. Name the primary activity indicated on the source document. The ACTIVITY narrative on the 5484.3 form should describe the activity.

2. If information on the 5484.3 form is not sufficient to determine the generic activity, code the activity as unknown (0002).

00 - Unspecified

<table>
<thead>
<tr>
<th>CODE</th>
<th>ACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001</td>
<td>ACTIVITY</td>
</tr>
<tr>
<td></td>
<td>Use this code if the activity is not elsewhere classifiable.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CODE</th>
<th>UNKNOWN/UNDETERMINED ACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0002</td>
<td>UNKNOWN/UNDETERMINED ACTIVITY</td>
</tr>
<tr>
<td></td>
<td>Use this code if the activity is unknown.</td>
</tr>
</tbody>
</table>

01 - Office

<table>
<thead>
<tr>
<th>CODE</th>
<th>OFFICE ACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0101</td>
<td>OFFICE ACTIVITY</td>
</tr>
</tbody>
</table>

02 - Construction

<table>
<thead>
<tr>
<th>CODE</th>
<th>CONSTRUCTION ACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0201</td>
<td>CONSTRUCTION ACTIVITY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CODE</th>
<th>EQUIPMENT INSTALLATION ACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0202</td>
<td>EQUIPMENT INSTALLATION ACTIVITY</td>
</tr>
</tbody>
</table>
## 03 - Maintenance/Repair

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0301</td>
<td>BUILDING/EQUIP MAINT/REPAIR ACTIVITY</td>
</tr>
<tr>
<td>0302</td>
<td>INSPECTION/MONITORING ACTIVITY</td>
</tr>
<tr>
<td>0303</td>
<td>VEHICLE MAINTENANCE/REPAIR ACTIVITY</td>
</tr>
</tbody>
</table>

## 04 - Other

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0401</td>
<td>CLASSIFIED ACTIVITY</td>
</tr>
<tr>
<td>0402</td>
<td>RECREATION/BREAK ACTIVITY</td>
</tr>
<tr>
<td>0403</td>
<td>TRAINING/EDUCATION ACTIVITY</td>
</tr>
<tr>
<td>0404</td>
<td>OTHER NON-TASK ACTIVITY</td>
</tr>
<tr>
<td>0405</td>
<td>NO ACTIVITY</td>
</tr>
</tbody>
</table>

## 05 - Security

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0501</td>
<td>EMERGENCY RESPONSE ACTIVITY</td>
</tr>
<tr>
<td>0502</td>
<td>PHYSICAL FITNESS TRAINING ACTIVITY</td>
</tr>
<tr>
<td></td>
<td>Weight lifting, running, or other physical fitness training that is not job related is coded under 0402 (Recreation/Break Activity).</td>
</tr>
<tr>
<td>0503</td>
<td>SECURITY ACTIVITY</td>
</tr>
</tbody>
</table>

## 06 - Janitorial/Food Service

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0601</td>
<td>FOOD SERVICE ACTIVITY</td>
</tr>
<tr>
<td>0602</td>
<td>GROUNDS MAINTENANCE ACTIVITY</td>
</tr>
<tr>
<td>0603</td>
<td>JANITORIAL/HOUSEKEEPING ACTIVITY</td>
</tr>
</tbody>
</table>

## 07 - Production/Post Production

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0701</td>
<td>DECOMMISSIONING ACTIVITY</td>
</tr>
<tr>
<td>0702</td>
<td>DEACTIVATION</td>
</tr>
</tbody>
</table>
0703  FUEL HANDLING ACTIVITY
0704  LONG-TERM SURVEILLANCE & MAINTENANCE
0705  PRE START-UP/CALIBRATION ACTIVITY
0706  PRODUCTION/OPERATION ACTIVITY
0707  REACTOR REFUELING ACTIVITY
0708  START UP PROCEDURE
0709  DECONTAMINATION ACTIVITY

08 - Material Handling

0801  MATERIAL HANDLING ACTIVITY

09 - Research/Testing

0901  RESEARCH/TESTING ACTIVITY

10 - Transportation

1001  TRANSPORTATION ACTIVITY
1002  TRAVEL ACTIVITY

11 - Mining/Drilling

1101  MINING/DRILLING ACTIVITY
Chapter G - Loss Producing Event Codes

This field is a four character code. For injury or illness events, this field describes the manner in which the injury or illness was produced or inflicted by the source of injury or illness. For vehicle accidents, this field identifies the event or exposure that primarily caused or contributed to the accident. The loss producing event code divisions are arranged as follows:

<table>
<thead>
<tr>
<th>DIVISION</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Contact with Objects and Equipment</td>
</tr>
<tr>
<td>1</td>
<td>Falls</td>
</tr>
<tr>
<td>2</td>
<td>Bodily Reaction and Exertion</td>
</tr>
<tr>
<td>3</td>
<td>Exposure to Harmful Substances or Environments</td>
</tr>
<tr>
<td>4</td>
<td>Transportation Accidents</td>
</tr>
<tr>
<td>5</td>
<td>Fires and Explosions</td>
</tr>
<tr>
<td>6</td>
<td>Assaults and Violent Acts</td>
</tr>
<tr>
<td>7</td>
<td>Other Events or Exposures</td>
</tr>
</tbody>
</table>

RULES OF SELECTION:

1. This code is identified by reading the 5484.3 form narrative.

2. Event codes for vehicle accidents are limited to division 4 (Transportation Accidents). The code is identified by reading the 5484.3 form narrative.

3. When the injury or illness occurred as a result of contact with or exposure to an object or substance, select the event or exposure which best describes the manner in which that contact or exposure occurred.

4. For injuries and illnesses, the following events take precedence over other events or exposures:
   - Assaults and Violent Acts
   - Transportation Accidents
   - Fires
   - Explosions
   When two or more of these events occurred, select the first event listed above.

5. When the injury or illness occurred as a result of bodily motion or position, select bodily reaction, repetitive motion or sustained viewing as the event or exposure code.

0 - Contact with Objects and Equipment

Codes in this division apply to injuries produced by contact between the injured person and the source of injury except when contact was due to falls (1), transportation accidents (4), fires (5),
explosions (5), assaults or violent acts (6). Contact may be denoted by a statement that the injured person struck or was struck by an object, was caught in an object, rubbed against an object, or by words such as “hit by,” or “hit,” “bumped into,” “crushed by,” or “banged.”

These codes are not used for vehicle accident cases.

**0001  Contact with objects and equipment, unspecified**

**0100  Struck against object**

The “struck against” codes apply to injuries produced by forcible contact or impact between the injured person and the source of injury when the motion producing the contact is primarily that of the injured person.

This group includes bumping into objects, stepping on objects, kicking objects, and being pushed or thrown into or against objects. If a person strikes against an object due to falling, the injury is classified in Falls (1).

- **0101  Struck against object, unspecified**
- **0102  Stepped on object**
- **0103  Struck against stationary object**
- **0104  Struck against moving object**
- **0109  Struck against object, not elsewhere classified**

**0200  Struck by object**

The “struck by” codes apply to injuries produced by forcible contact or impact between the injured person and the source of injury when the motion producing the contact is primarily that of the source of injury rather than the person.

Injuries to vehicle occupants, pedestrians, or other nonpassengers resulting from being hit or run over by a vehicle or mobile equipment should be classified as Transportation Accidents (4). Injuries resulting from stabbings, shooting, or other violence are coded in Assaults or Violent Acts (6).

- **0201  Struck by object, unspecified**
- **0202  Struck by falling object**

*Struck by falling object code should be selected when the source of injury is falling from an elevation to a lower level. This includes instances where*
the injured person is crushed, pinned, or caught under a falling object, other than collapsing material or structures (0400).

0203 Struck by rolling, sliding objects on floor or ground level
Struck by rolling, sliding objects on floor or ground level code generally refers to an object which is rolling, moving, or sliding on the same level at which the employee is located (i.e., the object is not falling from above, nor is it flying through space). Cases involving contact with moving vehicles which are not in normal operation (as defined in Division 4) would be coded here.

0209 Struck by object, not elsewhere classified

0210 Struck by flying object
Struck by flying object codes should be selected when the source of injury has been thrown, hurled, or is being propelled across space.

0211 Struck by flying object, unspecified
0212 Struck by dislodged flying object, particle
This code includes instances when a piece of material separates from a tool, machine or other equipment. For example, a piece of grinding wheel flies off or a drill bit breaks off, striking a worker.

0213 Struck by discharged object or substance
This code refers to instances where the object is ejected under power by a tool or equipment usually designed for that purpose. Examples include a nail discharged from a nail gun, water discharged from a pressure cleaner, a staple from a staple gun.

0219 Struck by flying object, not elsewhere classified

0220 Struck by swinging or slipping object
Struck by swinging or slipping object codes generally refers to objects which are not free standing; that is, they are attached at some point or are being held by the worker.

0221 Struck by swinging or slipping object, unspecified
0222 Struck by or slammed in swinging door or gate
0223 Struck by slipping handheld object
This code includes cases where the worker is holding a knife, razor, tool, or other instrument that slips and injures the worker.

0229 Struck by swinging or slipping object, not elsewhere classified

0300 Caught in or compressed by equipment or objects
This group includes cases in which the injury was produced when a person or part of a
person was injured by being squeezed, crushed, pinched or compressed between two or more objects, or between parts of an object. Codes in this event group apply when a person, or part of a person’s body was squeezed, pinched, compressed, or crushed in operating equipment, between other meshing objects, between a moving and stationary object, or between two or more moving objects.

Code in this major group do not apply when the source of injury is free flying or falling, or collapsing material. When the source of injury is falling or freely flying, or collapsing, the event should be coded in groups 0200 (Struck by object) or 0400 (Caught in or crushed in collapsing materials).

0301 Caught in or compressed by equipment or objects, unspecified
0302 Caught in running equipment or machinery
   Injuries occurring when the injured part of body is inside a machine of equipment, or between two or more parts of the source of injury should be included here. Strangulation injuries occurring when clothing is caught in running equipment should also be coded here.
0303 Compressed or pinched by rolling, sliding, or shifting objects.
   Injuries occurring when a part of the injured person’s body is crushed, pinched, or caught under a rolling or sliding object such as a cart or a vehicle not in operation should be included here.
0309 Caught in or compressed by equipment or objects, not elsewhere classified

0400 Caught in or crushed in collapsing materials

Caught in or crushed in collapsing materials applies when a person, or part of a person’s body was squeezed, pinched, compressed or crushed in landslides, cave-ins, or collapsing structures, or other collapsing materials unless the collapse was due to a transportation accident (4), fire (5), or explosion (5).

0401 Caught in or crushed in collapsing materials, unspecified
0402 Excavation or trenching cave-in
0403 Other cave-in
0404 Landslide
   This event code includes avalanches.
0405 Caught in or crushed in collapsing structure
0409  Caught in or crushed in collapsing materials, not elsewhere classified

0500  Rubbed or abraded by friction or pressure

Codes in this group apply to cases in which the injury or illness was produced by friction or pressure between the person and the source of injury or illness. Typically, the nature of the injuries or illnesses resulting from these events will involve superficial injuries such as blisters, scratches or abrasions, or they will involve damage to the nerves or circulatory system from jarring, vibration or repetition of pressure.

0501  Rubbed or abraded by friction or pressure, unspecified

0502  Rubbed or abraded by kneeling on surface

0503  Rubbed or abraded by objects being handled

0504  Rubbed or abraded by foreign matter in eye

This code is used for non-specific irritation of the eyes resulting from foreign matter.

0509  Rubbed or abraded by friction or pressure, not elsewhere classified

0600  Rubbed, abraded, or jarred by vibration

Codes in this group apply to non-impact cases in which the injury or illness was produced by vibration between the person and the source of injury or illness. Instances of damage to nerves or circulatory system due to vibration, rather than voluntary motion (e.g., Raynayd’s phenomenon) should be coded here.

0601  Rubbed, abraded, or jarred by vibration, unspecified

0602  Rubbed, abraded, or jarred by vehicle or mobile equipment vibration

If an injury or illness results from prolonged vibration in long distance driving, the event should be coded here.

0603  Rubbed, abraded, or jarred by other machine or equipment vibration

0609  Rubbed, abraded, or jarred by vibration, not elsewhere classified

0009  Contact with objects and equipment, not elsewhere classified

1 - Falls
Falls are events in which the injury was produced by impact between the injured person and the source of injury when the motion producing contact was generated by gravity.

This division excludes falls on ships and boats. Falls from ships and boats are coded under 4540.

1001 Fall, unspecified

1100 Fall to lower level

Fall to lower level applies to instances in which the injury was produced by impact between the injured person and the source of injury, the motion producing the contact being that of the person, under the following circumstances:

- the motion of the person and the force of impact were generated by gravity, and
- the point of contact with the source of injury was lower than the surface supporting the person at the inception of the fall.

Injuries sustained as a result of the employee jumping from an elevation should be coded in group 1200 (Jump to lower level).

1101 Fall to lower level, unspecified

1102 Fall down stairs or steps

Falls down stairs or steps exclude instances where the worker fell from the side edge of a stair to a lower surface. These cases should be coded under code 1190 (Fall to lower level, not elsewhere classified).

1103 Fall from ladder

1104 Fall from piled or stacked material

1105 Fall from scaffold, staging

1106 Fall from building girders or other structural steel

1107 Fall from nonmoving vehicle

This code should be used only when the injured employee fell from a vehicle that was not involved in a transportation accident as defined in Division 4.

1109 Fall to lower level, not elsewhere classified

This code includes instances where the worker fell from the side edge of a stair to a lower surface.

1110 Fall from floor, dock, or ground level
1111 Fall from floor, dock, or ground level, unspecified
1112 Fall through existing floor opening
   This code includes falls through an opening in the floor that already existed (such as an attic trap door opening).
1113 Fall through floor surface
   This code includes instances where the floor surface collapses causing the worker to fall through.
1114 Fall from loading dock
1115 Fall from ground level to lower level
   This code includes falls into stormdrains, sewers, and excavation pits.
1119 Fall from floor, dock, or ground level, not elsewhere classified

1120 Fall from roof

1121 Fall from roof, unspecified
1122 Fall through existing roof opening
   This code includes falls through an opening in a roof that already existed.
1123 Fall through roof surface
   This code includes instances where a roof surface collapses causing the worker to fall through.
1124 Fall through skylight
1125 Fall from roof edge
1129 Fall from roof, not elsewhere classified

1200 Jump to lower level

This event group should be used for impact injuries sustained as a result of the employee jumping from an elevation. Jumps are differentiated from falls by the fact that they are controlled and voluntary even if the worker jumped to avoid an uncontrolled fall.

1201 Jump to lower level, unspecified
1202 Jump from scaffold, platform, loading dock
1203 Jump from structure, structural element, not elsewhere classified
1204 Jump from nonmoving vehicle
1209 Jump to lower level, not elsewhere classified

1300 Fall on same level
Fall on same level applies to instances in which the injury was produced by impact between the injured person and the source of injury, the motion producing the contact being that of the person, under the following circumstances:

- the motion of the person was generated by gravity following the employee’s loss of equilibrium (the person was unable to maintain an upright position) and,
- the point of contact with the source of injury was at the same level or above the surface supporting the person at the inception of the fall.

1301 Fall on same level, unspecified
1302 Fall to floor, walkway, or other surface
1303 Fall onto or against objects
1304 Fall on same level, not elsewhere classified

1009 Fall, not elsewhere classified

2 - Bodily Reaction and Exertion

Codes in this division apply to cases, usually non-impact, in which injury or illness resulted from free bodily motion, from excessive physical effort, or from repetition of a bodily motion.

2001 Bodily reaction and exertion, unspecified

2002 Sustained viewing

Eye strain resulting from sustained focus on terminal screens should be classified under this code.

2003 Bodily conditions, not elsewhere classified

Heart attacks and strokes which are not attributed to a specific event or exposure are classified under this code.

2009 Bodily reaction and exertion, not elsewhere classified

2100 Bodily reaction

Codes in this group apply to injuries or illnesses resulting from a single incident of free bodily motion which imposed stress or strain upon some part of the body.
Generally, codes in this group apply to the occurrence of strains, sprains, ruptures, nerve
damage or other internal injuries or illnesses resulting from the assumption of an
unnatural position or from voluntary or involuntary motions induced by sudden noise,
fright, or efforts to recover from slips or loss of balance (not resulting in falls).

This group includes cases involving musculo-skeletal or internal injury or illness resulting
from the execution of personal movements such as walking, climbing, bending, etc. when
such movement in itself was the source of injury or illness.

Excluded from this group are falls (1), overexertion resulting from lifting, pulling, or
pushing (2200), and motions which induce injury or illness due to their repetitive nature
(2300).

2101 Bodily reaction, unspecified
2102 Bending, climbing, crawling, reaching, twisting
2103 Sudden reaction when surprised, frightened, startled
2104 Running--without other incident
2105 Sitting
2106 Slip, trip, loss of balance--without fall
2107 Standing
2108 Walking--without other incident
2109 Bodily reaction, not elsewhere classified

2200 Overexertion

Overexertion applies to cases, usually non-impact, in which the injury or illness resulted
from excessive physical effort directed at an outside source of injury or illness. The
physical effort may involve lifting, pulling, pushing, turning, wielding, holding, carrying,
or throwing the source of the injury/illness.

Free bodily motions that do not involve an outside source of injury or illness are
classified either in group 2100 (bodily reaction) or group 2300 (repetitive motion).

2201 Overexertion, unspecified
2202 Overexertion in lifting
2203 Overexertion in pulling or pushing objects
2204 Overexertion in holding, carrying, turning, or wielding objects
2205 Overexertion in throwing objects
2209 Overexertion, not elsewhere classified

2300 Repetitive motion

Repetitive motion applies when an injury or illness resulted from bodily motion which imposed stress or strain upon some part of the body due to a task’s repetitive nature.

If an injury or illness resulted from prolonged vibration in long distance driving, the event should be coded under code 0602.

2301 Repetitive motion, unspecified
2302 Typing or key entry
Instances of carpal tunnel syndrome (CTS) from typing or any type of keyentry, including the use of calculators or nonscanning cash registers are coded here.

2303 Repetitive use of tools
CTS resulting from cutting with a knife, repeated use of a power tool should be coded here.

2304 Repetitive placing, grasping, or moving objects, except tools

2309 Repetitive motion, not elsewhere classified

3 - Exposure to Harmful Substances or Environments

Codes in this division apply to cases in which the injury or illness resulted from contact with, or exposure to, a condition or substance in the environment.

3001 Exposure to harmful substances or environments, unspecified

3002 Exposure to traumatic or stressful event, not elsewhere classified

Exposure to traumatic or stressful event includes instances where workers are injured or made ill by stressful events on the job. Cases in which workers are injured or made ill by
witnessing accidents or other traumatic events are included here, unless the worker was included as a victim of an assault or violent act.

3009 Exposure to harmful substances or environments, not elsewhere classified

3100 Contact with electric current

Contact with electric current applies only to cases in which the injury or illness resulted from contact with electricity, including lightning. Cases of electric shock and electrocution are classified here. Contact may be made directly from the power source to the person or indirectly, such as when a pipe being held contacts a power line.

In instances, where an electric shock initiates a chain of events which results in an impact injury, the appropriate impact event code should be selected. For example, if an electric shock knocks a worker from a ladder fracturing his leg, the event should be coded Fall from ladder (1103).

Electric shocks should be classified by the energized source of power.

3101 Contact with electric current, unspecified

3102 Contact with electric current of machine, tool, appliance, or light fixture

This code includes cases where a worker receives an electric shock when a power tool falls into a pool of water in which he is standing.

3103 Contact with wiring, transformers, or other electrical components

This code includes cases where a worker is injured when he drilled into a wall and cut through interior building wiring.

3104 Contact with overhead power lines

This code includes electrocutions occurring when a ladder contacts overhead power lines.

3105 Contact with underground, buried power lines

3106 Struck by lightning

3109 Contact with electric current, not elsewhere classified

3200 Contact with temperature extremes

Contact with temperature extremes applies to cases in which the injury or illness resulted from contact with, or exposure to, either hot or cold objects or substances, or general head or cold in the environment. Injuries or illness in this group include thermal burns
which resulted from contact with controlled or intentional heat sources (such as stoves, welding torches, or heated fluid), heat exhaustion, heat stroke, freezing, frostbite, hypothermia, etc.

Cases of burns from contact with the sun’s rays or other radiations are included in group 3600 (Exposure to radiation). Cases of chemical burns are included in group 3400 (Exposure to caustic, noxious or allergenic substances).

If burns result from a transportation accident, the event should be coded in Division 4. If burns result from an explosion or from an uncontrolled or unintended fire that didn’t involve a transportation accident, the event should be coded in Division 5. Uncontrolled or unintended fires includes building fires and accidental ignition of objects or substances, for example: trash cans, furniture, cooking oil, frying fat or grease.

3201 Contact with temperature extremes, unspecified
3202 Exposure to environmental heat
3203 Exposure to environmental cold
3204 Contact with hot objects or substances
   Contact with fire and flames from controlled sources (stoves, campfires, torches, cigarettes, furnaces, etc.) should be coded under this code.
3205 Contact with cold objects or substances

3300 Exposure to air pressure changes

Use of event group 33, Exposure to air pressure changes, for instances of deep-sea diving or airplane decompression.

3301 Exposure to air pressure changes, unspecified
3302 Pressure changes underwater
3303 Pressure changes in airplane, other aircraft
3309 Exposure to air pressure changes, not elsewhere classified

3400 Exposure to caustic, noxious, or allergenic substances

Contact with caustic, noxious (harmful) or allergenic substances applies to cases in which the injury or illness resulted from the inhalation, absorption (skin contact), injection (needle sticks, venomous bites, stings) or ingestion (swallowing) of harmful substances.
Codes in this group should be used for instances of poisoning, allergic reactions, contagious diseases, reactions to insect, animal bites and stings, etc.

3401 Exposure to caustic, noxious, or allergenic substances, unspecified

3402 Contact with skin or other exposed tissue

3403 Ingestion of substance

3409 Exposure to caustic, noxious, or allergenic substances, not elsewhere classified

3410 Inhalation of substance

3411 Inhalation of substance, unspecified

3412 Inhalation in enclosed, restricted, or confined space

If the exposure occurred by inhaling a substances in an enclosed, restricted or confined space, classify the event under this code. Examples of confined or restricted spaces are storage tanks, vats, sewers, boilers, tanks, or cars. Use this code only if the description indicates that the exposure occurred in a space with limited air flow.

3413 Inhalation in open or nonconfined space

3420 Injections, stings, venomous bites

Codes in this event group apply when the injury or illness was produced by poisons, infectious agents or other harmful substances that were transmitted by piercing of the skin. Included in this event group are venomous bites, stings, and needle sticks which transmit an infectious agent.

The nature of injury or illness must be considered in determining whether the needle sticks or animal bites result in exposure to a harmful substance. For example, if a dog bite results in rabies, the injury/illness will usually be coded as rabies, therefore, the event code should be 3424, Other stings or venomous bites. If there is no evidence of an infection more serious than the cut, the Nature would be coded under Cuts and lacerations and the case would be coded in event group 6300 (Assaults by Animals).

3421 Injections, stings, venomous bites, unspecified

3422 Needle sticks

3423 Bee, wasp, hornet sting

3424 Other stings or venomous bites

3429 Injections, stings, venomous bites, not elsewhere classified
3500 Exposure to noise

Codes in this group apply only to non-impact cases in which the injury or illness resulted from exposure to noise. Hearing impairments resulting from exposure to a single loud noise (with the exception of explosions) or to prolonged noise over time are classified here.

If an explosion resulted in a hearing loss or impairment, select a code from event group 5200 (Explosion).

3501 Exposure to noise, unspecified
3502 Exposure to noise over time
3503 Exposure to noise in a single incident

3600 Exposure to radiation

Contact with radiation applies to cases in which the injury or illness resulted from exposure to any type of radiation either ionizing or nonionizing. Common forms of nonionizing radiation include: ultraviolet, visible light, infrared, microwaves and radio waves, radars, lasers, and power frequencies. This group is appropriate for burns from the sun’s rays or other radiation as well as for general radiation sickness.

3601 Exposure to radiation, unspecified
3602 Exposure to sun
3603 Exposure to welding light
3604 Exposure to radioactive material

3609 Exposure to radiation, not elsewhere classified

3800 Oxygen deficiency, not elsewhere classified

Oxygen deficiency applies only to cases in which the injury or illness resulted from lack of oxygen, without the involvement of harmful substances. Generally cases of suffocation or strangulation will be classified in this group. Cases involving lack of oxygen in combination with inhalation of other substances such as smoke or sewer gas are not classified under this group.

Depletion of oxygen (codes 3803 and 3804) applies only to cases in which the injured
was harmed by an insufficient air supply, not because of crushing injuries or any physical restriction of breathing. Examples of confined or restricted spaces are storage tanks, vats, sewers, boilers, tanks, or cars.

3801 Drowning, submersion

*Drowning is coded under this code unless the drowning resulted from a transportation accident, in which case a code in Division 4 should be used.*

3802 Choking on object or substance

3803 Depletion of oxygen from cave-in or collapsed materials

3804 Depletion of oxygen in other enclosed, restricted, or confined space

3805 Other oxygen deficiency, not elsewhere classified

4 - Transportation Accidents

Event codes for vehicle accident cases are always selected from this division.

Use of these codes for injury/illness cases are explained below:

1) This division covers events involving transportation vehicles, powered industrial vehicles or powered mobile industrial equipment in which at least one vehicle (or mobile equipment) is in normal operation and the injury/illness was due to collision or other type of traffic accident, loss of control, or a sudden stop, start, or jolting of a vehicle regardless of the location where the event occurred.

2) References to “vehicles” in this Division should be interpreted to include powered industrial vehicles and powered mobile industrial equipment unless otherwise noted.

3) Cases classified in this division include pedestrians, roadway workers, or other nonpassengers struck by vehicles on or off the roadway (including indoor locations) when the accident meets these criteria:

   1. At least one vehicle was in regular operation, and
   2. The impact was cause by a traffic accident or forward/backward travel of the vehicle.

4) Excluded are injuries or illnesses associated solely with the use of nontransport components of mobile equipment. For example, being struck by rising forklifts, falling trailer doors, or swinging buckets on a loader are coded in group 0200 (Struck by object) unless the impact was also due to the travel of the vehicle.
5) Events due to **loss of control or the sudden start or stop** refer to situations where no collision occurs, such as instances of whiplash caused by sudden stopping (without collision) or being struck by objects that fly forward upon stopping.

6) Events not involving normal operation of vehicle or which do not involve traffic accidents, loss of control, or sudden stop/start are **excluded** from Transportation Accidents. For example, drivers or passengers hurt by vibration of vehicles, made ill by carbon monoxide (with other incident), burned by spilling hot drinks (without collision), or injured by general operation of vehicle (such as shifting gears) would not be coded in this section because they do not involve traffic accidents, loss of control or sudden stop/start. Instances where the vehicle coasts, rolls, slips into gear, falls off the lift during repair work or while parked do not involve normal operation of the vehicle and therefore are excluded unless that movement was brought about by collision with another vehicle. Falls from vehicles not in motion generally go into the “Falls” division.

7) **Transportation vehicles, powered industrial vehicles, and powered mobile industrial equipment include**—
   - Highway vehicles: autos, buses, trucks, motorcycles, RVs, bicycles, and other nonpowered vehicles
   - Off road powered vehicles: ATVs, golf carts, snowmobiles
   - Plant and industrial powered vehicles and tractors: forklifts, tractors, other powered carriers
   - Powered mobile industrial or construction equipment: loaders, bulldozers, backhoes, etc.
   - Powered mobile agricultural equipment: harvesters, combines, mobile planters, etc.

8) **Excluded are:**
   - Nonpowered industrial vehicles: dollies, carts, wheel barrows
   - Nonindustrial, nonhighway mobile equipment
   - Wheelchairs: motorized and nonmotorized, stretchers, wagons

9) **Transportation Accidents take precedence over all other event codes except Assaults and Violent Acts.** For example, if the injury was inflicted from an explosion which resulted from an accident to a vehicle it should be coded to this division, not Explosions.

   **4001 Transportation accident, unspecified**

   **4009 Transportation accident, not elsewhere classified**

   **4100 Highway accident**

   Highway accidents include accidents occurring on that part of the public highway, street, or road normally used for travel as well as the shoulder and surrounding areas, telephone
poles, bridge abutments, trees aligning roadway, etc. Accidents occurring entirely off the highway, street, off road, or on industrial, commercial, or farm premises or parking lots are considered to be nonhighway accidents (4200).

If more than one of the events in this group occurred, code the first event listed in the code sequence. For example, if a car collided with an oncoming vehicle then hit a pole on the side of the road, code the collision with the oncoming vehicle (4114) as the event.

If the injured person was a pedestrian or nonpassenger, use event group 4300.

4101 Highway accident, unspecified
4102 Vehicle struck stationary object or equipment in roadway
   This codes applies to cases where a vehicle struck a stationary object or a piece of equipment, other than a vehicle, in the roadway. For example, use this code if the vehicle hit a concrete lane divider or a box lying in the road. Vehicles which strike stationary road repair equipment are coded here if the equipment is in the normal roadway area, including lanes under repair or blocked off to hold equipment.

4103 Vehicle struck stationary object or equipment on side of road
   This code applies to cases where a vehicle struck a stationary object or a piece of equipment on the side of the roadway. Use this code if the vehicle hits a guardrail, telephone pole, or stationary road repair equipment which is not on the roadway.

4109 Highway accident, not elsewhere classified
4110 Collision between vehicles, mobile equipment
   Codes in this group apply to cases where a vehicle was involved in a highway collision in which both vehicles were in motion or between a moving vehicle and a stationary vehicle. Cars stopped at traffic lights, stop signs, etc, are considered standing vehicles.

4111 Collision between vehicles, mobile equipment, unspecified
4112 Re-entrant collision
   Re-entrant collisions are limited to those in which one of the vehicles left the roadway (onto the shoulder, or other nonroadway area) and the collision occurred when that vehicle reenters the roadway. Instances involving normal access to a roadway from entrance ramps or side streets are not coded here.

4113 Moving in same direction
4114 Moving in opposite directions, oncoming
4115 Moving in intersection
4116 Moving and standing vehicle, mobile equipment--in roadway
4117 Moving and standing vehicle, mobile equipment--side of road
4119 Collision between vehicles, mobile equipment, not elsewhere classified

4140 Noncollision accident

*Codes in this event group apply to cases where the vehicle was involved in a noncollision highway accident. These are incidents in which the vehicle involved did not make contact with a vehicle or object other than the road or driving surface.*

*Injuries or illnesses resulting from relatively routine movement of the vehicle are not included in Noncollisions accidents. For example, a driver may sustain back injury or illness resulting from prolonged vibration involved in operating the vehicle. These types of cases would be coded in Division 0 (Contact with Objects or Equipment).*

4141 Noncollision accident, unspecified
4142 Jack-knifed or overturned--no collision
*This code should be used when the vehicle overturned or jack-knifed, either on or after leaving the roadway.*
4143 Ran off highway--no collision
*This code should be used when the vehicle was out of control and ran off the highway and did not overturn or collide with any object or vehicle. If the vehicle hits another vehicle or object, select codes 4102 or 4103 or a code from the 4110 event group.*
4144 Struck by shifting load
*This code should be used when collision is not involved and the movement of the vehicle results in damage or injury. In the event that the vehicle was involved in a sudden stop or start and the injured person was struck by a shifting load, use this event code.*
4145 Sudden start or stop, not elsewhere classified
*This code should be used when collision is not involved and the movement of the vehicle results in any of these events affecting the occupant:
- Bodily motion
- Striking against interior parts of the vehicle
- Being thrown out of the vehicle*
4149 Noncollision accident, not elsewhere classified
*Injuries incurred solely by the jolting of the vehicle when hitting a defect or small obstruction in the roadway such as a pothole, or riding over a raised piece of concrete roadway are classified under this code.*
4200 Nonhighway accident, except rail, air, water

Nonhighway accidents are those that occur or originate entirely off the highway or that occur or originate on industrial, commercial, residential, farm premises. Parking lot accidents are included here. Unpaved construction roadways, roads being built, and logging roads are included as nonhighway locations. Roads under repair which are still in partial use are considered highways (4100).

4201 Nonhighway accident, unspecified

4202 Collision between vehicles or mobile equipment

*This code applies to cases where the vehicle was involved in a nonhighway collision in which both vehicles were in motion or between a moving vehicle and a stationary vehicle*

4203 Vehicle, mobile equipment struck stationary object

*This code applies to cases where a vehicle struck a stationary object or a piece of equipment, other than a vehicle, in a nonhighway accident. For example, use this code if a vehicle hit a concrete pole in a parking garage or if a logging truck slid in the mud on a logging road and struck a tree.*

4209 Nonhighway accident, not elsewhere classified

4210 Noncollision accident

*Codes in this event group apply to cases where the vehicle was involved in a noncollision nonhighway accident. These are incidents in which the vehicle involved did not make contact with a vehicle or object other than the driving surface.*

*Injuries or illnesses resulting from relatively routine movement of the vehicle are not included in Noncollision accidents. For example, a driver may sustain back injury or illness resulting prolonged vibration involved in operating mobile logging equipment. These types of cases would be coded in Division 0 (Contact with Objects or Equipment).*

4211 Noncollision accident, unspecified

4212 Fall from moving vehicle, mobile equipment

*Use this code if a person was injured solely by falling from a vehicle (nonhighway).*
4213 Fell from and stuck by vehicle, mobile equipment
Use this code if a person fell and then was hit by the vehicle that he/she fell from. For example, if a worker falls off the tractor, then gets run over by the tractor’s trailer.

4214 Overturned
Use this code if a vehicle overturned, even when the vehicle was also out of control.

4215 Loss of control

4216 Struck by shifting load
This code should be used for nonhighway incidents when collision is not involved and the movement of the vehicle results in the occupant being struck by a shifting or falling load. In the event that the vehicle was involved in a sudden stop or start and the injured person was struck by a shifting load use this code.

4217 Sudden start or stop, not elsewhere classified
This code should be used for nonhighway incidents when collision is not involved and the movement of the vehicle results in any of these events affecting the occupant:
- Bodily motion
- Striking against interior parts of the vehicle
- Being thrown out of the vehicle

4219 Noncollision accident, not elsewhere classified
Injuries incurred solely by the jolting of the vehicle when hitting a defect in the ground surface such as a hole or riding over a small obstruction in the pathway such as a piece of lumber are classified under this code.

4300 Pedestrian, nonpassenger struck by vehicle, mobile equipment

Codes in this group apply to pedestrians and other nonoccupants who are hit by vehicles or other powered industrial mobile equipment whether on the highway, street, or road, or off the highway.

Cases included in this section must meet the general criteria for Transportation Accidents noted at the beginning of this Division. Pedestrians, roadway workers, or other nonpassengers struck by vehicles on or off the roadway (including indoor locations) are included here when the accident meets these criteria:
- At least one vehicle was in regular operation, and
- The impact was caused by a traffic accident or forward/backward travel of the vehicle

Injuries or illnesses associated solely with the use of nontransport components of mobile equipment are not coded here. For example, being struck by rising forklifts, falling trailer...
doors, or swinging buckets on a loader are coded in group 0200 (Struck by object) unless the impact was also due to the travel of the vehicle.

A person struck as they are getting out of vehicles should be considered outside the vehicle and coded in this section.

4301 Pedestrian struck by vehicle, mobile equipment, unspecified

4302 Pedestrian struck by vehicle, mobile equipment in roadway
Use this code if a person is struck on the roadway, even if the person is in a lane blocked off for repair.

4303 Pedestrian struck by vehicle, mobile equipment on side of road
Use this code if a person is struck on the shoulder or side of the road.

4304 Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area
This code includes all areas defined as “nonhighway”: industrial, commercial, residential, farm premises, parking lots, unpaved construction roadways, roads being built, and logging roads.

4400 Railway accident

A railway accident is a transport accident involving a rail vehicle which meets the general criteria for a transport accident.

Railway accidents take precedence over highway and nonhighway accidents. Pedestrians struck by trains are coded in group 4300.

4401 Railway accident, unspecified

4402 Collision between railway vehicles

4403 Collision between railway vehicle and other vehicle
When cars, buses, and other roadway vehicles are hit by a train, this code is used.

4404 Collision between railway vehicle and other object

4405 Fell from and struck by railway vehicle

4406 Derailment

4407 Explosion, fire, not elsewhere classified
Instances where the contents of a rail vehicle exploded or caught fire
without a collision (such as from a leak in a rail tank), are coded here.

4408 Fall in, on, or from railway vehicle in motion, not elsewhere classified

4409 Railway accident, not elsewhere classified

4500 Water vehicle accident

All incidents involving water vehicle collisions, sinkings, capsizing; explosions or fires on such vehicles; and falls on such vehicles are coded in this group. Exceptions are incidents involving out-of-water or drydocked water vehicles. Falls on ships and boats are included in this section of transport accidents since water vehicles are subject to motion at all times.

4501 Water vehicle accident, unspecified

4502 Collision

4503 Explosion, fire, not elsewhere classified

4504 Fall from ship, boat, not elsewhere classified

4505 Fall on ship, boat

4506 Sinking, capsized water vehicle

4509 Water vehicle accident, not elsewhere classified

4600 Aircraft accident

All incidents involving aircraft which are in use for transport are included in this group.

4601 Aircraft accident, unspecified

4602 During takeoff or landing

4609 Aircraft accident, not elsewhere classified

5 - Fires and Explosions

Codes in this division apply to cases in which the injury or illness resulted from an explosion or fire. Included are cases in which the person fell, jumped, inhaled a harmful substance, or was struck by or struck against an object as a result of an explosion or fire.
Explosions and fires have precedence over all other events and exposures except Assaults and Violent Acts (6) and Transportation Accidents (4).

5001  Fires or explosions, unspecified

5100  Fire--unintended or uncontrolled

Codes in this group apply only to cases in which the injury or illness resulted from the unintended ignition of an object/substance or from an uncontrolled fire which may have originated at an intentional heat source. Examples of unintended or uncontrolled fires include bedding, cooking oil, or trashcans catching fire as well as major conflagrations of buildings. For contact with controlled or intentional heat sources such as stove tops, hot cooking utensils, welding torches, pilot lights, hot motors or engines, use code 3204.

Fires resulting from explosions and fires which cause explosions are coded as fires since fires take precedence over explosions. Uncontrolled, but intentionally set fires such as arson are included here. Fires resulting from bombings are coded here.

5101  Fire, unspecified

5102  Fire in residence, building, or other structure

5103  Forest, brush, or other outdoor fire

5104  Ignition of clothing from controlled heat source

Ignition of clothing is coded separately only when it is the only uncontrolled or unintended fire. For example, use this code if a person was burned because their shirt caught fire when it touched a stove burner. If a worker was burned when clothing ignited from a grease fire on the stove, code 5102 should be used since the grease fire is the uncontrolled or unintended fire.

5109  Fire, not elsewhere classified

5200  Explosion

Codes in this group apply only to cases in which the injury or illness resulted from an explosion. An explosion is a rapid expansion, outbreak, bursting, or upheaval.

Codes in this group apply to large explosions (tank cars) and small explosions (bottles, aerosol cans). They apply to unintentional and intentionally-set explosions.

When an injury or illness results from an explosion resulting in a fire, the event should be coded in Fires. Explosions codes take precedence over other event
codes, except assaults, transportation accidents and fires. For example, if an explosion of a hot water pressure system results in a person being burned, use code 5203 rather than contact with temperature extremes. Similarly, if an explosion results in hearing loss, use the appropriate code from this group rather than exposure to noise. On the other hand, if a transportation accident results in an explosion that injures an employee, the event should be coded as transportation accident rather than explosion.

5201 Explosion, unspecified
5202 Explosion of battery
5203 Explosion of pressure vessel or piping
   This code includes explosions of aerosol cans and automobile tires.
5209 Explosion, not elsewhere classified

6 - Assaults and Violent Acts

Assaults and violent acts include cases in which a person was injured or made ill by intentional assaults or by violent, harmful actions of unknown intent.

6001 Assaults and violent acts, unspecified
6100 Assaults and violent acts by person(s)

Assaults and violent acts by persons include cases in which the worker was injured or made ill by intentional assaults by a person (or person) or by violent, harmful actions of unknown intent by a person.

Examples of harmful actions of unknown intent include:

- Instances involving violent acts (hitting, biting, kicking, scratching, etc.) of patients, not reported as accidental - such as “Nurse struck by patient.”
- Cases of gunshots where it is unknown whether the gun discharged accidentally.

Generally, injuries involving the normal worksite tasks and actions of co-workers are considered accidental unless information to the contrary is provided. For example, if it is reported that a person was injured when a co-worker dropped a brick on him/her, use code 0202 (Struck by falling object) unless there is information to indicate it was intentional. Cases of accidental release of a gun in a nonhostile environment should be coded as 0213 (Struck by discharged object or substance).

6101 Assaults and violent acts by person(s), unspecified
6102 Biting
6103 Hitting, kicking, beating
6104 Shooting
6105 Squeezing, pinching, scratching twisting
6106 Stabbing
6107 Rape
6108 Threats or verbal assaults
6109 Assaults and violent acts by person(s), not elsewhere classified

6200 Self-inflicted injury

This group includes cases where the worker was hurt by a self inflicted injury that was intentional or of unknown intent.

As with group 6100, injuries resulting from the normal worksite tasks and actions of the worker are generally considered accidental unless information to the contrary is provided. For example, if it is reported that a worker hit himself in the head with a hammer, cut herself with a knife, or fell down the stairs, it should not be coded in this division. Jumps or falls would not be classified here unless it is reliably documented as a suicide or attempted suicide.

6201 Self-inflicted injury, unspecified
6202 Suicide, attempted suicide
6203 Self-inflicted injury or fatality--intent unknown

6300 Assaults by animals

Codes in this group apply when an injury or illness results from nonvenomous animal bites or other violent acts by animals: kicking, stomping, throwing a rider. Venomous bites and stings are coded under group 3420 (Injections, stings and venomous bites).

6301 Assaults by animals, unspecified
6302 Nonvenomous bites
6309  Assaults by animals, not elsewhere classified

9 - Other Events or Exposures

This division classifies any events or exposure which is not classified or listed under any other division.

9001  Nonclassifiable

9009  Not specified
Table I-1 contains a list of Headquarters level Program Offices and other select Headquarters level reporting organizations. The listing is alphabetically by abbreviation.

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AU</td>
<td>Office of Environment, Health, Safety and Security</td>
</tr>
<tr>
<td>EE</td>
<td>Office of Energy Efficiency and Renewable Energy</td>
</tr>
<tr>
<td>EM</td>
<td>Office of Environmental Management</td>
</tr>
<tr>
<td>FE</td>
<td>Office of Fossil Energy</td>
</tr>
<tr>
<td>LM</td>
<td>Office of Legacy Management</td>
</tr>
<tr>
<td>NA</td>
<td>National Nuclear Security Administration</td>
</tr>
<tr>
<td>NE</td>
<td>Office of Nuclear Energy</td>
</tr>
<tr>
<td>PA</td>
<td>Power Marketing Administration</td>
</tr>
<tr>
<td>SC</td>
<td>Office of Science</td>
</tr>
<tr>
<td>XX</td>
<td>Other Headquarters Level Organization</td>
</tr>
</tbody>
</table>