

## **Occupation Definitions – 2002 TDP**

1. Air Conditioning & Heating Installer, Maintenance (01)
2. Asbestos Miner, Asbestos Plant Worker (03)
3. Asbestos Removal Worker (04)
4. Baker (60)
5. Boiler Worker, Repair (09)
6. Brake Maker (12)
7. Brick Masons, Layer & Hod Carrier (13)
8. Butcher & Meat Cutter (61)
9. Bystander (Including Family Member) (51)
10. Carpenter (15)
11. Chipper (55)
12. Construction Laborer (67)
13. Custodian (18)
14. Electrician (19)
15. Engineer (20)
16. Environmental Bystander (76)
17. Factory Worker (Assembly Line) (05)
18. Factory Worker (Non Assembly Line) (59)
19. Fire Fighters (21)
20. Furnace Worker, Installer & Maintenance (22)
21. Glass Worker (52)
22. Grinder (56)
23. Hazardous Materials Removal (57)
24. Heat Treating Equipment Operator (62)
25. Heavy Equipment Operator (23)
26. Hostler (63)
27. Insulation (02)
28. Longshoreman (53)
29. Machine Operator (64)
30. Machinists (26)
31. Maintenance Worker (10)
32. Mechanic (06)
33. Millwright (27)
34. Office Worker (50)
35. Painter (28)
36. Pipe Fitter, Steamfitter, Plumber & Helper (30)
37. Plasterer & Sheet-Rock Installer (31)
38. Railroad, Brakeman, Carman, Conductor and Laborer (11)
39. Rigger (34)
40. Sandblaster (35)
41. Seaman (Engine Room) (33)
42. Seaman (Non Engine Room) (36)
43. Sheet Metal Worker (37)
44. Ship fitter (39)
45. Shipwright (38)
46. Shipyard Laborer/Worker (65)
47. Steel, Foundry, Aluminum, Worker (54)
48. Warehouse Worker (40)
49. Welder (08)
50. Well Pullers (66)

## OCCUPATIONS – 2002 TDP

### 1. AIR CONDITIONING & HEATING INSTALLER, MAINTENANCE (01)

Install or repair heating, central air conditioning, or refrigeration systems, including oil burners, hot air furnaces and heating stoves.

### 2. ASBESTOS MINER, ASBESTOS PLANT WORKER (03)

One who worked in the asbestos mines, extracting minerals or ore from the earth. One who worked in an industrial or manufacturing establishment where asbestos was manufactured.

### 3. ASBESTOS REMOVAL WORKER (04)

Work on asbestos abatement projects. Remove asbestos from ceilings, beams, walls, boilers and other structures following hazardous waste handling guidelines.

### 4. BAKER (60)

Mix and bake ingredients according to recipes to produce breads, rolls, cookies, cakes, pies, pastries or other baked goods.

### 5. BOILERWORKER, REPAIR (09)

Construct, assemble, maintain and repair stationary steam boilers and boiler house auxiliaries, direct cleaning of boilers and boiler furnaces. Inspect and repair boiler fittings, such as safety valves.

### 6. BRAKE MAKER (12)

To construct create, or shape by collecting and fitting components, parts or materials together to form the brake.

### 7. BRICK MASONS, LAYER & HOD CARRIER (13)

Lay and bind building materials, such as brick, structural tile, concrete block, cinder block, glass block, and terra cotta block, with mortar and other substances to construct or repair walls, partitions, arches, sewers and other structures.

### 8. BUTCHER & MEAT CUTTER (61)

Cut, trim, or prepare consumer –sized portions of meat for use or sale in retail establishments.

### 9. BYSTANDER (INCLUDING FAMILY MEMBER) (51)

Individual exposed through contact with family member who was occupationally exposed to asbestos.

### 10. CARPENTER (15)

Construct, erect, install, or repair structures and fixtures made of wood, such as concrete forms; building frameworks, including partitions, joists, studding and rafters wood stairways, window and door frames and hardwood floors. May also install cabinets, siding, drywall and batt or roll insulation.

11. CHIPPER (55)

One that cuts or chips.

12. CONSTRUCTION LABORER (67)

Perform tasks involving physical labor at building, highway, and heavy construction projects, tunnel and shaft excavations, and demolition sites. May operate hand and power tools of all types. May clean and prepare sites, may assist other craft workers. Exclude construction laborers who primarily assist a particular craft worker, and are classified as “helpers”.

13. CUSTODIAN (18)

Keep buildings in clean and orderly condition. Perform heavy cleaning duties, such as cleaning floors, shampooing rugs etc. Duties may include tending furnace and boiler, performing routine maintenance activities.

14. ELECTRICIAN (19)

Install, maintain, and repair electrical wiring, equipment and fixtures. May install or service street lights, intercom systems, or electrical control systems.

15. ENGINEER (20)

**Stationary Engineers**

Operate or maintain stationary engines, boilers, or other mechanical equipment to provide utilities for buildings or industrial processes. Operate equipment such as steam engines, generators, motors, turbines, and steam boilers.

**Chemical Engineers**

Design chemical plant equipment and devise processes for manufacturing chemicals and products, such as gasoline, synthetic rubber, plastics, cement etc., by applying principles and technology of chemistry, physics and engineering.

**Mechanical Engineers**

Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment. Oversee installation, Operation, maintenance, and repair of such equipment as centralized heat, gas, water and steam systems.

16. ENVIRONMENTAL BYSTANDER (76)

A person not occupationally exposed to asbestos but has had casual contact with asbestos.

17. FACTORY WORKER (ASSEMBLY LINE) (05)

A line of factory workers and equipment on which the product being assembled passes consecutively from operation to operation until completed.

18. FACTORY WORKER (NON ASSEMBLY LINE) (59)

One who does manual or industrial labor in a place or plant where goods are manufactured.

19. FIRE FIGHTER (21)

Control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk.

20. FURNACE WORKER, INSTALLER & MAINTENANCE (22)

Furnace Operators and Tenders operate or tend furnaces, such as gas, oil, coal, electric or electric induction, open hearth, or oxygen furnaces, to melt, and refine metal prior to casting or to produce specified types of steel. Furnace Tenders and Stokers operate and maintain steam boilers that power machinery and heat factories, offices and other buildings.

21. GLASS WORKER (52)

Glass and glazing trades people cut shape and install glass used in windows, including shop fronts, doors, walls, mirrors, display cabinets and furniture.

22. GRINDER (56)

Grind, sand or polish using hand tools or hand held power tools, a variety of metal wood, stone, clay plastic or glass objects.

23. HAZARDOUS MATERIALS REMOVAL (57)

Identify, remove, pack, transport, or dispose of hazardous materials, including asbestos, lead based paint, waste oil, fuel, transmission fluid, radioactive materials, contaminated soil, etc.

24. HEAT TREATING EQUIPMENT OPERATOR (62)

Set up, operate , or tend heating equipment, such as heat treating furnaces, flame hardening machines, induction machines, soaking pits, or vacuum equipment to temper, harden, anneal, or heat –treat metal or plastic objects.

25. HEAVY EQUIPMENT OPERATOR (23)

Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors or front end loaders to excavate, move, and grade earth, erect structures, or pour concrete or other hard surface pavement.

26. HOSTLER (63)

A person who services a truck or railroad engine at the end of a run.

27. INSULATION (02)

Apply insulating materials to pipes and ductwork, or other mechanical systems in order to help control and maintain temperature.

28. LONGSHOREMAN (53)

A dock worker who loads and unloads ships.

29. MACHINE OPERATOR & TENDER (64)

This category also includes setters. Those who set up machines for operation and those who tend the machines during production, Set up workers prepare the machines prior to production and may adjust the machinery during operation. Operators and tenders primarily monitor the machinery during operation, sometimes loading or unloading the machine or making minor adjustments to the controls.

30. MACHINIST (26)

Set up and operate a variety of machine tools to produce precision parts and instruments. Include precision instrument makers who fabricate, modify or repair mechanical instruments.

31. MAINTENANCE WORKER (10)

Perform work involving the skills of two or more maintenance or craft occupations to keep machines, mechanical equipment, or the structure of an establishment in repair.

32. MECHANIC (06)

Automotive- Diagnose, adjust, repair, or overhaul automotive vehicles. Exclude body work.  
Industrial Machinery – Repair install adjust or maintain industrial production and processing machinery or refinery and pipeline distribution systems.

33. MILLWRIGHT (27)

Install, dismantle, or move machinery and heavy equipment according to layout plans blueprints, or other drawings.

34. OFFICE WORKER (50)

Personnel working in an office, consisting of business, clerical or professional work.

35. PAINTER (28)

Paint walls, equipment, buildings, bridges, and other structural surfaces, using brushes, rollers, and spray guns. May remove old paint to prepare surface prior to painting.

36. PIPE FITTER, STEAMFITTER, PLUMBER & HELPER (30)

Assemble, install, alter, and repair pipelines or pipe systems that carry water, steam, air, or other liquids or gases. May install heating and cooling equipment and mechanical control systems.

37. PLASTERER & SHEET-ROCK INSTALLER (31)

This category also includes stucco masons. Apply interior or exterior plaster, cement, stucco, or similar materials. May also set ornamental plaster.

38. RAILROAD, BRAKEMAN, CARMAN, CONDUCTOR AND LABORER (11)

**Brake Operator or Brakeman**

Operate railroad switches. Couple or uncouple rolling stock to make up or break up trains. May inspect couplings, air hoses, journal boxes, and hand brakes.

**Carman**

A conductor, as of a streetcar.

**Conductors**

Coordinate activities of train crew on passenger or freight train. Coordinate activities of switch-engine crew within yard or railroad, industrial plant or similar location.

**Laborer**

Manually move freight, stock or other materials or perform other unskilled general labor. Exclude construction laborers.

39. RIGGER (34)

Set up repair rigging for construction projects, manufacturing plants, logging yards, ships and shipyards.

40. SANDBLASTER (35)

Ability to work with a sandblaster. To apply a high velocity blast of air or steam carrying sand to etch glass or clean stone or metal surfaces.

41. SEAMAN (ENGINE ROOM) (33)

Crew engaged in the operation and maintenance of the engines, and boilers aboard ship.

42. SEAMAN (NON ENGINE ROOM) (36)

Duties vary, may consist of standing watch at bow or on the wing of bridge to look for obstruction in the path of vessel. Measure water depth, paint ship, may oil and grease moving parts of engines and auxiliary equipment.

43. SHEET METAL WORKER (37)

Fabricate, assemble, install and repair sheet metal products and equipment, such as Ducts, control boxes, drainpipes, and furnace casings. Work may involve any of the following: Setting up and operating fabricating machines to cut, bend, and straighten sheet metal. Shaping metal over anvils, blocks or forms using hammer; operating soldering and welding equipment to join sheet metal parts.

44. SHIPFITTER (39)

Lays out, fabricates and assembles various metal structural parts of a ship such as plates, bulkheads, and frames and braces them within hull of ship for riveting or welding.

45. SHIPWRIGHT (38)

Shipwrights construct, fit out, commission and repair all manner of vessels from small pleasure craft through to a range of competitive, commercial and naval vessels.

46. SHIPYARD LABORER/WORKER (65)

One who performs various tasks related to the repair and renovation of ships and vessels at the shipyard. One who performs a specialized craft, or works within an office at the ship yard.

47. STEEL, FOUNDRY, ALUMINUM, WORKER (54)

Steel workers- Raise, place, and unite iron or steel girders, columns, and other structural members to form completed structures or structural frameworks. Foundry workers- assist tradespersons and semi- skilled workers to cast metal into shapes used as parts for machinery, automotive, railway engines, stove parts and wheels.

48. WAREHOUSE WORKER (40)

Hired to do various operations within the warehouse. These operations include: order picking, sorting, packing, loading & unloading.

49. WELDERS (08)

Use hand –welding, flame cutting, hand soldering, or brazing equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.

50. WELL PULLERS (66)

Remove pipes, pumps and other subsurface devices from wells for cleaning, repairing and salvaging.