DEFINITIONS

OF COVERED OCCUPATIONS

for

Public Works Contracts in Oregon

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Commissioner
Bureau of Labor and Industries

Effective: October 5, 2024

Process for Revision of Occupational Definitions

Submission of Proposed Revision of Occupational Definition

Any interested party may propose that the Bureau of Labor and Industries (BOLI) make revisions to its *Definitions of Covered Occupations for Public Works Contracts in Oregon.* Requests for a revision to an occupational definition must be submitted in writing to the PWR Coordinator and include both an explanation of why the proposed revision is appropriate and a draft of the proposed changes.

Requests made by email must be sent to the following address: PWR.email@boli.oregon.gov. (It is preferred that requests and responses be submitted by email.)

Requests sent by regular mail must be sent to:

PWR Coordinator
Bureau of Labor and Industries
1800 SW 1st Ave, Suite 500
Portland, OR 97201

Interested parties may request to be added to an email group to receive initial notifications of proposed occupational definition revisions. It is the interested party's responsibility to track any comments, changes or updates to the proposal once the initial notification has been made. It is also the interested party's responsibility to notify BOLI of any changes to its email address. Those persons not included in the email group must check BOLI's website on a regular basis to determine if new proposed revisions have been submitted. A link has been provided under "Current Topics" at: https://www.oregon.gov/boli/employers/pages/prevailing-wage.aspx.

The received date, or actual receipt date, will be the date of record – the notification date.

Requested revisions of occupational definitions may be submitted at any time, but revisions will be published only twice each year: January and July.

Evaluation of Proposed Revision of Occupational Definition

Upon receipt of a request for a revision to an occupational definition, the Bureau's PWR Unit (Unit) will evaluate the proposed revision for conformity to existing definitions. As part of the evaluative process, the Unit, in order to provide interested parties with the opportunity to submit information in response to the request, will post the proposed revision on BOLI's PWR website within three business days of receipt.

Written comments and responses received within 30 calendar days from the date the request was posted on the website will be considered. Such comments and responses must be addressed to the Unit and will be made public by posting on BOLI's PWR website.

Proposed Revision Does Not Conflict with Existing Definitions:

When the Unit determines that a proposed revision does not conflict with existing definitions and that the interested parties are in agreement with the proposed changes (*note: silence means acceptance*), the Unit will provide a summary of the request and issue(s) to the Wage and Hour Division Administrator (Administrator) for review. The summary will be provided to the Administrator within ten calendar days following the comment period.

The Administrator will promptly review the summary and make a recommendation to the Commissioner of the Bureau of Labor and Industries (Commissioner) regarding appropriate action related to the proposed revision. Such recommendation may include: revising the definition as requested; modifying the proposed

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revision; leaving the existing definition as it is without making any revision; or collecting additional information relating to the issue.

Proposed Revision Conflicts with Existing Definitions:

If the proposed revision is not consistent with existing definitions or if interested parties are not in agreement regarding the revision, the following process will be followed:

1. After the 30-day comment period, all parties will be given 21 calendar days to review all comments and responses received by BOLI as posted on BOLI's website.

2. During the 21-day review period, any party with standing (a party will be considered to have standing if it submitted either the request for revision under review or a response to such a request during the 30-day comment period) may request a meeting to resolve any outstanding issues. The first party which requests a meeting will coordinate with BOLI and schedule a meeting of all parties with standing. BOLI will notify all parties with standing of the date and location of the meeting via email. The meeting will be held at a neutral location within 14 calendar days of the 21-day review period. A representative from BOLI will attend the meeting as an observer and will provide a written summary of the meeting to the Commissioner and to all parties with standing. The meeting will be organized and staffed by the requesting party.

3. Within 14 calendar days of the meeting, if held, the Unit will provide a summary of the request and issues to the Administrator for review.

4. The Administrator will promptly review the summary and make a recommendation to the Commissioner regarding appropriate action related to the proposed revision. Such recommendation may include revising the definition as requested; modifying the proposed revision; leaving the existing definition as it is without making any revision; or collecting additional information relating to the issue.

Approval or Denial of Proposed Revision of Occupational Definition

The Commissioner will make a determination based on the information provided above and will issue a decision via email to the requestor and the parties with standing. It is within the Commissioner's discretion to approve or deny a proposed revision to an occupational definition. It is also within the Commissioner's discretion to request guidance from the Prevailing Wage Advisory Committee (PWAC) concerning a proposed revision to an occupational definition.

When proposing to adopt a revision to the definitions publication, BOLI will provide PWAC with a copy of the proposed revision in advance of publication for review and comment.

The Unit may also propose revisions to the definitions to address issues identified during the course of its work. When doing so, the Unit will follow the process outlined above.

Notice of Approved Revision of Occupational Definition

The Unit will post a notice of any approved revision to the definitions and its effective date on the BOLI's PWR website at the time that such a revision is adopted. However, any modification of an occupation definition will become effective only at two times of the year, January 5 or July 5, after approval by the Commissioner.

PENDING

Bureau of Labor and Industries

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If you have questions about work classifications or definitions, contact BOLI at (971) 245-3844.

1. Asbestos Worker/Insulator

Primary Purpose: Installs insulation on mechanical systems for thermal and acoustical purposes. Installs fire stop penetrations on electrical and mechanical systems. Mechanical systems include heating systems, air handling systems, pipes, boilers, evaporators, turbines, ducts, flues, breaching, storage tanks, refrigeration units, grease ducts, acid ducts, and all insulation connected with steam, condensate, feedwater, and/or chilled water. Includes all labor connected with the handling and distribution of materials for these systems.

Typical Duties:

- Sprays chemical solution over asbestos covered mechanical systems using tank with attached hose and nozzle, to soften asbestos.
- Cuts and scrapes asbestos from mechanical systems using knife and scraper in connection with the installation of insulation.
- Shovels asbestos into plastic disposal bags and seals bags with duct tape.
- Applies insulating material to mechanical systems such as air ducts, hot and cold pipes, storage tanks, and cold storage rooms.
- Prepares and applies fire stopping materials on mechanical systems.
- Covers or seals insulation with preformed plastic covers, canvas strips, sealant or tape to secure insulation to mechanical system using staple gun, trowel, paintbrush or caulking gun.
- Assembles scaffolding incidental to insulation or asbestos abatement work.
- Seals off work area using plastic sheeting and duct tape.

Note: For asbestos removal from mechanical systems which are NOT to be scrapped, see "Hazardous Material Handler/Mechanic." For asbestos removal from walls, ceilings, floors or from mechanical systems which ARE to be scrapped, see "Laborer Group 2." For installation of non-irritating insulation in walls, ceilings, floors, etc., see "Carpenter Group 1." For installation of irritating insulation in walls, ceilings, floors, etc., see "Carpenter Group 2."

2. Boilermaker

Primary Purpose: Construct, assemble, install, maintain, renovate, and repair stationary steam boilers, boiler house auxiliaries, vats, and other large vessels that hold liquids and gases.

Typical Duties:

- Fabricates steel for construction of steam boilers, boiler house auxiliaries, vats and other large vessels that hold liquids and gases.
- Positions, aligns and secures structures or plate sections to assemble boiler frame tanks or vats, following blueprints.
- Locates and marks reference points for columns or plates on foundations, following blueprints and using straightedges, squares, transits and tape measures.
- Lays out plate, sheet steel, or other heavy metal, and locates and marks bending and cutting lines using protractors, compasses, and drawing instruments or templates.
- Drills, reams, chips, caulks, rivets, hammers, flame-cuts, files, and grinds structures and sections; bolts or welds them together.

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- Bolts or welds casing sections, uptakes, stacks, baffles, and fabricated parts such as chutes, air heaters, fan stands, feeding tubes, catwalks, ladders, coal hoppers and safety hatches to frame.
- Fabricates stacks, uptakes and chutes to adapt boiler to premises in which installed, if necessary.
- Uses hand and power tools, plumb bobs, levels, edges, dogs or turnbuckles.
- Bells and beads with power hammer, or welds pressure vessel tube ends to ensure leak-proof joints.
- Positions drums and headers into supports; bolts or welds supports to frames.
- Attaches rigging and signals crane operators to lift parts to specified positions.
- May watch confined entry holes.
- Examines and tests assembled vessels for leaks or other defects.
- Directs cleaning of boiler furnaces.
- Inspects, repairs and reconstructs boiler fittings, such as safety valves, regulators, automatic-control mechanisms, water columns, and auxiliary machines.
- Aligns and attaches accessories such as manholes, handholds, taps, tubes, fans, stacks, valves, and gauges, using hand tools or power wrenches.
- Unloads and loads materials that the Boilermakers are to erect.

3. Bricklayer/Stonemason

Primary Purpose: Lays out, lays, cuts, installs, and finishes all brick, structural tile, refractory materials, precast units, concrete, cinder, glass, gypsum, terra cotta block, and all other natural and artificial masonry products to construct or repair walls, partitions, stacks, furnaces, or other structures.

Sets stone to build stone structures such as piers, walls, and abutments, and lays walks, curbstones, or special types of masonry for vats, tanks, and floors. May set, cut, and dress ornamental and structural stone in buildings.

This classification is tended by Tender to Masons Trades: Brick and Stonemason, Mortar Mixer, Hod Carrier.

Typical Duties:

- Measures distance points from reference points and marks guidelines on working surface to lay out work.
- Determines vertical and horizontal alignment of courses using plumb bob, gauge line (tightly stretched cord) and level.
- Spreads soft layer of mortar that serves as base and binder for brick or block using trowel.
- Breaks or cut bricks or blocks to size, using power or hand tools.
- Shapes stone preparatory to setting, using a chisel hammer and other shaping tools.
- Applies mortar to end of brick or block and positions same in mortar bed.
- Spreads mortar over stone and foundation with trowel and sets stone in place by hand or with aid of a crane.
- Removes excess mortar from face using trowel.
- Taps brick or block with trowel to level, align and embed in mortar, allowing for specified thickness of joint.

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- Aligns stone with plumb line and finishes joints between stone with a pointing trowel.
- Fastens brick, block, or terra cotta veneer to face of buildings or structures with appropriate ties embedded in mortar between units or in anchor holes in units.
- Grouts, insulates, and places all reinforcing rods, anchors, and flashing in masonry walls.
- Lays refractory brick, block, and insulation in place by spreading, dipping, or spraying materials to build furnaces, line boilers or like fire resistant structures.
- Finishes mortar between brick and block with pointing tool or trowel.
- Points, cleans, caulks and waterproofs masonry.
- Cleans excess mortar or grout from surface of stone using sponge, brush, water, or acid.

4. Bridge and Highway Carpenter

Primary Purpose: Performs rough carpentry work related to the construction of bridges, overhead crossings, subways, underpasses, viaducts, and similar structures.

Typical Duties:

- Builds and sets forms for concrete work and precast concrete used in the construction of bridges and highways. See "Piledriver" for form work related to the construction of piles. See "Cement Mason" for the setting of sidewalk forms. See "Ironworker" for the erection of structural steel.
- For bridges over water, builds and sets forms for the piers, columns, or abutments of the approaches to the first pier or abutment on the water's edge. See "Piledriver" for the construction and setting of forms for the first pier or abutment on the water's edge.
- Erects and removes falsework used to perform work under the "Bridge and Highway Carpenter" classification. See "Piledriver" for the erection and removal of heavy timber or pile falsework. See "Ironworker" for the erection and removal of temporary support used to perform work under that classification.
- Strips and repairs reusable forms and reusable form materials, including component forms, for concrete work used in the construction of bridges and highways. See "Piledriver" for the stripping and repairing of reusable forms used in the construction of piles. See "Laborer Group 1" for the stripping of non-reusable forms and non-reusable form materials. Also see "Laborer Group 1" for cleaning and prepping of reusable forms.

5. Carpenter Group 1 & 2

Primary Purpose: Constructs, erects, installs and renovates buildings and structures, structural members, and fixtures made of wood, plywood, wallboard, and materials that take the place of wood such as plastic, light gauge metals, metal studs, fiberglass, transite sheeting, and cemesto board by using carpentry hand tools, power tools, and woodworking machines and by measuring materials and distances, cutting materials to required size, assembling, anchoring, erecting and aligning forms or framework.

Note: Scope of work for "Carpenter Group 1 & 2" does not include carpentry work associated with the building of bridges. When the typical duties listed below are performed in the construction, reconstruction or major renovation of bridges; see instead "Bridge and Highway Carpenter," "Piledriver" or "Ironworker."

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Typical Duties of Carpenter Group 1:

- Lays out and frames buildings or structures on-site. (Does not include the laying out or erection of prefabricated metal or metal buildings: See instead "Ironworker.")
- Erects and removes suspended scaffolding, specialty scaffold systems, scaffolding to be used by 2 or more trades, and self-supporting scaffolding over 14 feet, but does not include scaffolding to be used by masons (see instead, "Mason" or "Tender to Mason Trades") or plasterers (see instead, "Plasterer" or "Tender to Plasterer"). May erect or remove self-supporting scaffolding below 14 feet to be used by one trade, but see also "Laborer Group 1," or see the particular trade to use the scaffolding.
- Builds wooden stairs and installs wooden ladders, wooden handrails, wooden walkways, wooden platforms, and wooden gangways.
- Installs/applies siding to buildings, excluding brick/stone siding, plaster/stucco siding, and/or sheet metal siding. (For brick/stone siding, see instead "Bricklayer/Stone Mason." For prefabricated metal or metal building, see instead "Ironworker." For plaster/stucco siding, see instead "Plasterer." For sheet metal siding, see instead "Sheet Metal Worker."
- Installs wood doors, bi-fold doors, automatic doors (excluding the wiring), and overhead garage doors (excluding the wiring) in non-metal buildings. May also install hollow metal doors, but see also "Ironworker."
- Installs interior signs (excluding the wiring).
- Installs wood and metal rough frames for windows and bucks in which finished frames are inserted.
- Installs weather-stripping and hardware such as locks, letterdrops, kickplates, and door tracks.
- Installs awnings, laminated wooden beams, and trusses.
- Installs or applies sun-control film to the inside of windows.
- Installs metal decking for the placement of concrete slabs only where metal decking is removed after concrete pour. For metal decking that is bolted, welded or becomes permanent member of structure, see instead "Ironworker."
- Lays out, installs, aligns, and repairs wood or metal cabinets, shelving, cabinet doors, cabinet hardware, molding, mill work, casework, paneling and all decorative woodwork to include composite.
- Installs wood or metal cabinets and shelving.
- Installs furniture systems, including modular office equipment, when connected to a building. Furniture systems are "connected to a building" when they are bolted to a building's walls or floors or connected to the electrical and/or communication/cable wiring system of a building. (Scope of work excludes wiring. For wiring of communication/cable systems, see, instead, "Limited Energy Electrician." For wiring of electrical systems, see instead "Electrician." For installation of free-standing furniture systems not connected to a building, see instead "Laborer Group 1.")
- Installs high-density filing or storage equipment.
- Operates auto nailing machine.
- Insulates ceilings, walls, floors with non-irritating insulation.
- Installs folding, steel-framed, gymnasium bleacher or auditorium seating, but see also "Ironworker." May set seats on structural steel framed exterior stadium seating; but for installation of the structural steel frame for exterior stadium seating, see instead "Ironworker."
- Installs cast-on-site and pre-cast concrete panels.

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- Makes and installs all types of concrete forms, but does not include concrete forms for sidewalks, curbs, gutters, and pavement. (For installation of concrete forms that are used for sidewalks, curbs, gutters, or pavement, see, instead, "Cement Mason.")
- Erects and removes building shoring necessary for overhead form work. (See "Laborer Group 1" for shoring work related to excavation and trenches.)
- Strips reusable forms. (See "Laborer Group 1" for stripping of non-reusable forms or for cleaning or prepping of reusable forms.)
- Builds manholes. (Work may also be completed by "Laborer Group 2.")
- Caulks boats.

Typical Duties of Carpenter Group 2:

- Lays sub-floors and all hardwood floors, including nailed, mastic set, parquet and wood-type tiles, and block floors. (For laying of soft tile, linoleum, or carpet, see instead "Soft Floor Layer.")
- Sands and finishes all hardwood floors.
- Installs irritating insulation in walls, ceilings, and floors.

6. Cement Mason

Primary Purpose: Smooth and finishes surfaces of poured concrete to specified textures using hand or power tools, including floats, trowels, and screeds.

Typical Duties:

Group 1:
- Levels, smooth, edges and finishes surfaces of poured concrete floors, walls, sidewalks, curbs, steps and stairways, or any other concrete surface.
- Patches, repairs, or removes rough or defective areas on concrete surfaces to impart a finish, including the application of any cementitious product to such surfaces.
- Applies cement, sand, pigment or marble chips to concrete in order to attain durable and/or decorative surfaces.
- Grouts and plugs holes on concrete surfaces, including dry packing and end pointing.
- Joints concrete surfaces, including expansion, control, or decorative.
- Hand chips concrete in preparation of patching or to produce a finished concrete product.
- Sets all curb, gutter, and sidewalk forms, and planks, lines, stakes, grades, and screeds. (For concrete wall forms see "Carpenter Group 1.")

Group 2:
- Installs and finishes epoxy compounds or systems and other resinous toppings to concrete surfaces, when utilizing a hand or power trowel application.
- Operates power machines and concrete power trowels, performs grinding, and scores new concrete, to impart an architectural finish as described under "Cement Mason Group 1."

Group 3:
- Performs duties of "Cement Mason Group 1" while working on suspended, swinging and/or hanging scaffold.

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Group 4:

- Performs duties of both "Cement Mason Group 2" and "Cement Mason Group 3" at the same time.

Note: Tenders to Cement Masons are found under "Laborer Group 1."

7. Diver

Primary Purpose: Works primarily underwater supplied with air, usually by a pipeline from the surface while wearing a diving suit or using scuba gear. May work at water's surface utilizing a snorkel.

Typical Duties:

- Inspects, repairs, removes, dismantles, salvages or installs equipment and underwater structures (such as underwater pipelines and hookups which includes petroleum, gas, water and sewage systems), hulls, docks, bridges, dams, cables, underwater suction and discharge lines (such as those used at chemical plants, pulp mills and desalinization plants) and below water line on vessels and ships.
- Places recording instruments below surface of water preparatory to conducting tests or experiments.
- Drills holes in rocks preparatory to rigging explosives.
- Photographs underwater structures or marine life.
- Lays foundations for bridge piers, reconstructs underwater walls, and uses underwater cutting and welding tools and the cement gun.
- May also do underwater carpentry, steel plating and shipwright's work.
- Performs numerous duties with power and hand tools such as torches, pry bars, drills, sledgehammers.
- Burns and welds in marine salvage operations.
- Inspects, removes, rescues and recovers objects below the water's surface.
- Completes underwater wells.
- Lays underwater power and/or communications cables where diving is necessary.
- Operates hyperbaric chambers and underwater equipment and ROV's used in the above operations.

8. Divers' Tender

Primary Purpose: Works on the surface to monitor gauges for divers and coordinates topside activity.

Typical Duties:

- Works on the upkeep and repair of diving gear, or such work as ordered by the diver.
- Aids in the dressing and undressing of the diver.

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9. Dredger

Primary Purpose: Operates power-driven dredge to mine sand, gravel, rock or other materials from harbors, bays, lakes, ponds, rivers or streams, and to excavate and maintain navigable channels in waterways (excludes floating construction equipment – see "Power Equipment Operator"). This classification includes Assistant Engineers (including Machinists, Mechanics, Oilers, Watch Engineers, and Welders), Assistant Mates ("Deckhands"), Boatmen, Fill Equipment Operators, and Levermen.

Typical Duties:

- May restore wetlands and other aquatic habitats, reclaim land, and create and maintain beaches.
- Directs or assists workers placing shore anchors and cables, laying additional pipes from dredges to shore, and pumping water from pontoons.
- Moves levers to position dredges for excavation, to engage hydraulic pumps, to raise and lower suction booms, and to control rotation of cutterheads.
- Lowers anchor poles to verify depths of excavations, using winches, or scan depth gauges to determine depths of excavations.
- Pumps water to clear machinery pipelines.
- Starts and stops engines to operate equipment.
- Starts power winches that draw in or let out cables to change positions of dredges, or pulls in and lets out cables manually.

10. Drywall, Lather, Acoustical Carpenter & Ceiling Installer

1. Drywall Installer

Primary Purpose: Applies wallboard that requires tape and finish to ceilings and interior walls using hand and portable tools.

Typical Duties:

- Installs wallboard using screws, nails, and glue to interior walls and ceilings.
- Fits and fastens wallboard or drywall into position on wood or metal frameworks using lifts or hoists to adjust panel height when necessary.

2. Lather, Acoustical Carpenter & Ceiling Installer

Primary Purpose: Fastens wooden, metal or rockboard lath to walls, ceilings and partitions of buildings and structures to provide a supporting base for plaster, fireproofing or acoustical material using hand and portable power tools. Includes ceiling tile installers and acoustical carpenters (excludes carpet, wood, or hard tile installers). Mounts acoustical or egg crate tile to walls and ceilings of buildings and structures to reduce reflection of sound and to decorate rooms.

Typical Duties:

- Erects horizontal metal framework to which lath is fastened using nails, bolts and stud gun.

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- Drills holes in floor and ceiling and drives ends of wooden or metal studs into holes to provide anchor for furring or rockboard lath.
- Wires horizontal strips to furring to stiffen framework.
- Wires, nails, clips or staples lath to framework, ceiling joists, and flat concrete surfaces.
- Bends metal lath to fit corners or attaches preformed corner reinforcements.
- Wires plasterer's channels to overhead structural framework to provide support for plaster or acoustical ceiling tile.
- May install metal casings around openings, metal window stools and metal trim and plaster grounds (wood or metal strips) nailed to studding to provide guide for plasterer.
- Cuts angle iron and channel iron to specified size and suspends angle iron grid and channel iron from ceiling, using wire.
- Trims rough edges from wallboard to maintain even joints.
- Nails prefabricated metal pieces around windows and doors and between dissimilar materials to protect drywall edges.
- Mounts tile either by applying a cement adhesive or by nailing, screwing, stapling, or wire-tying the lath directly to the structural framework.
- Measures and marks surface to lay out work according to blue prints and drawings.
- Nails or screws molding to wall to support and seal joint between ceiling tile and wall.
- Scribes and cuts edges of tile to fit wall where wall molding is not specified.
- Drives hanger inserts into reinforced concrete ceiling.

11. Drywall Taper

Primary Purpose: Seals corners, joints, angles, and fastener heads in gypsum wallboard assemblies to prepare wall surface for painting, papering, soundproofing or fire control purposes.

Typical Duties:

- Mixes sealing compound by hand or with portable electric mixer.
- Applies successive coats of joint compound in order to achieve specified level of finish.
- Embeds tape in joint compound and coats over all joints, angles, and fastener heads, and trims using hand tools and automatic taping tools.
- Countersinks nails or screws below surfaces of walls before applying sealing compounds, using hammers or screwdrivers.
- Sands rough spots of dried cement between applications of compounds.
- Fills cracks and holes in walls and ceiling with sealing compound.
- Installs tape-on and other metal molding at corners, joints, and angles, as necessary to achieve a specified finish.
- May apply texturing compound and primer to walls and ceiling prior to final finishing using brushes, roller, or spray gun.
- May erect, move and dismantle scaffolding less than 14 feet in height which is to be used for interior wall, ceiling, or exterior drywall that requires the application of special finishes or textures. See also "Laborer Group 1." For the erection and removal of scaffolding that is 14 feet or higher, see "Carpenter Group 1." For the erection, dismantling, and removal of scaffolding of any height that is used by "Plasterer," see "Tender to Plasterer."

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12. Electrician

Primary Purpose: Installs and repairs electrical wiring, control equipment, apparatus, and fixtures. Includes Electrician (Inside Wireman), Cable Splicer, Electrical Welder, Electrical Material Handler, and Lighting Maintenance Worker. For low-voltage work, see "Limited Energy Electrician."

Typical Duties:

- Measures, cuts, bends, threads, assembles, and installs electrical conduit.
- Pulls wiring through conduit.
- Splices wire, twists or solders wire together, and applies tape or terminal caps.
- Connects wiring to lighting fixtures and power equipment.
- Installs control and distribution apparatus including but not limited to switches, relays, and circuit-breaker panels and fastens such apparatus in place.
- Installs chasing and channeling necessary to complete any electrical work.
- Tests continuity of circuit to ensure electrical compatibility and safety of components.
- As Cable Splicer, connects, joins, or splices together electrical lead-covered conductor cables.
- As Electrical Material Handler, handles and maintains order of electrical materials, equipment, and tools at the site of work, delivers materials to licensed electricians, and may perform cleanup work in connection with the work of an electrical contractor. An electrical material handler may not install electrical material or utilize equipment (for example, switch gears, motor control centers, transformers, motors, or light fixtures).
- As Lighting Maintenance worker, makes alterations within an existing lighting fixture enclosure on the site of work not including or requiring removal of the fixture from its supporting structure. Alterations include cleaning of all types of lighting fixtures, lenses and diffusers in luminous ceilings and all types of diffused ceilings or area lighting installations; and the replacement of lamps, tubes, starters, sockets and ballasts or similar equipment. Lighting Maintenance does not include the replacement of wire other than fixture wire within the individual fixture enclosure. Remote mounted ballasts and transformers of lighting fixtures may be replaced only when found to be defective while the fixture is being serviced or cleaned. Does not cover street lighting which shall be performed by inside wiremen.

13. Elevator Constructor, Installer and Mechanic

Primary Purpose: Assembles and installs all commercial and residential conveyances; maintains, replaces, repairs, tests, adjusts, demolishes and renovates electric, cable driven, rack & pinion and hydraulic freight and passenger elevators, escalators, moving walkways, material lifts (which are similar to elevators in design), stair lifts, wheelchair lifts and ramps, dumbwaiters and similar equipment in new and old buildings using hand tools, power tools and testing devices/equipment.

Typical Duties:

- Attaches guide shoes and rollers.
- Installs outer doors and door frames (at the elevator entrances on each floor); installs safety and control devices and installs landing door entrances; installs elevator cabs complete.

- Performs preventative maintenance such as oiling and greasing moving parts; replacing worn parts; testing devices/equipment with test lamps, ammeters, voltmeters and gauges; and adjusting equipment for optimal performance.
- Erects and assembles theatre stage and curtain elevator equipment and guides or rigging, including organ consoles and orchestra elevators.
- Installs all electrical wiring and components, controls, conduit, raceways and related devices from the first point of attachment of main line feeder terminals on the controller to other elevator apparatus and operating circuits required at each floor and at the main control panel in the machine room which includes elevator enclosures, fronts, fascias, sills, frames and bucks. Connects electrical wiring to control panels and electric motors.
- Sinks, bores, drills or digs cylinder wells.
- Performs all cleanup required in connection with the installation of elevators.
- Adjusts safety controls, counterweights, door mechanisms, and components such as valves, ratchets, seals, and brake linings.
- Assembles electrically powered stairs, steel frameworks, and tracks, and installs associated motors and electrical wiring.
- Drills holes in concrete or structural steel members with portable electric drill; drills doors for mounting of closing devices; drills angle supports for mounting of closing devices except one template hole; drills sills for sill trips; drills overhead beams for attaching machines, sheaves, kick angles, and all other elevator equipment.
- Cuts prefabricated sections of framework, rails, and other elevator components to specified dimensions, using acetylene torch, power saw, and disc grinder. Secures anchor bolts or weld brackets to support rails and framework, and verifies alignment with plumb bob and level.
- Installs indicators, grating, cables, counterweights, pumps, motor foundations, escalator drives, guide rails, elevator cars (which includes the platform, walls and doors), control panels, machinery, cylinders and plunger foundations, counterweight screens, overhead work, either wood or iron, and all material used for mounting of elevator apparatus in machine room, overhead or below.
- Connects electrical wiring to control panels and electric motors.
- Positions electric motor and equipment on top of elevator shaft, using hoists and cable slings.
- Sets all templates.
- Erects all electrical or mechanical automatic or semi-automatic gates.
- Hangs all automatic or semi-automatic elevator hoistway doors, together with the installation of hangers and tracks.
- Installs all devices for opening and closing, and locking of elevator car and hoistway doors and gates.
- Operates temporary cars.
- Sets hydraulic power units which include motor, pump, drive valve system, internal piping, muffler, internal wiring, controller and tank, and sets all elevator pressure open or pit tanks.

14. Fence Constructor (Non-metal)

Primary Purpose: Erects and renovates ***wooden*** fences, using hand and power tools. See also “Laborer Group 1.” See “Fence Erector (Metal)” for installation of wire and chain link fencing.

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Typical Duties:

- Lays out fence line and marks for postholes.
- Digs postholes by hand or using power tools.
- Sets wooden posts in holes, aligns posts, and verifies vertical alignment of posts.
- Pours concrete around base of posts or tamps soil into holes to embed posts.
- Attaches fence rail supports to posts.
- Saws required length of lumber to make rails for wooden fences.
- Nails top and bottom rails to fence posts or inserts them in slots on posts.
- Nails pointed slats to rails to construct picket fences.
- Assembles wooden gates for fences and fastens gates into position.

15. Fence Erector (Metal)

Primary Purpose: Erects and renovates ***metal*** fences of wire, wire mesh, barbed wire, or chain link fencing around highways and industrial and commercial establishments, using hand and power tools. See "Ironworker" for installation of fences made of ornamental metal. See "Fence Constructor (Non-metal)" or "Laborer Group 1," for construction of wooden fences.

Typical Duties:

- Lays out fence line and marks for postholes.
- Digs postholes by hand or using power tools.
- Sets metal posts in holes, aligns posts, and verifies vertical alignment of posts.
- Pours concrete around base of posts or tamps soil into holes to embed posts.
- Attaches fence rail supports to posts.
- Cuts metal tubing and inserts tubing through rail supports.
- Completes top fence rails by connecting tube sections, using metal sleeves.
- Attaches rails or tension wire along bottoms of posts to form fencing frames.
- Stretches wire, wire mesh, barbed wire, or chain link fencing between posts and attaches fencing to frames.
- Assembles metal gates for fences and fastens gates into position.

16. Flagger

Primary Purpose: Controls the movement of vehicular traffic through a construction project. Delivers, sets-up, maintains and removes temporary traffic control devices.

Typical Duties:

- Directs movement of traffic through site, using sign, hand and flag signals, warning paddles, and radio communication.
- Informs drivers of detour routes through construction sites.
- Loads, unloads, and sets-up signs, markers, flares, barricades, plastic channelizer drums, safety cones, temporary flashing lights not to exceed 115 volts, and other traffic control devices along construction sites in designated patterns.
- Inspects traffic control devices on a periodic basis to ensure they are clean, clearly visible and properly positioned.

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- Removes traffic control devices.

Note: For Traffic Control Supervisor see "Laborer Group 3."

17. Glazier

Primary Purpose: Installs glass in windows, skylights, and storefronts or on such surfaces as building fronts, interior walls, and ceilings at construction sites.

Typical Duties:

- Cuts, prepares, handles, installs, and removes all types of glass, including but not limited to window glass, plate glass, structural glass, mirror glass, tempered and laminated glass, safety or protection glass, and insulating glass units as well as all plastics or other materials when these are used in place of glass and are set or glazed with putty, molding rubber, cement, lead, and other types of mastic or similar materials.
- Measures and marks outlines or patterns on glass to indicate cutting lines.
- Installs metal window and door frames into which glass panels are to be fitted, such as fixed or sliding patio doors and fixed, sliding, or vented windows.
- Fastens glass panes into wooden sash with glazier's points and seals joints by spreading putty around edges of panes.
- Bolts metal hinges, handles, locks, and other hardware to prefabricated glass doors; sets glass doors into frames and fits hinges.

18. Hazardous Materials Handler/Mechanic

Primary Purpose: Removes regulated material from mechanical systems which are not going to be scrapped.

Mechanical systems include pipes, boilers, ducts, flues, breaching, grease ducts and acid ducts. This also includes all labor connected with the handling and distribution of materials for these systems.

The removal of all regulated materials from mechanical systems is exclusively the work of "Hazardous Materials Handlers," unless the mechanical systems are going to be scrapped.

Note: Regulated materials are those materials that are regulated for the purpose of protecting the environment or for personal protection by EPA, OSHA, DEQ or Federal OSHA.

Typical Duties:

- Identifies asbestos, lead, or other regulated hazardous materials that need to be removed, using monitoring devices.
- Cleans contaminated mechanical systems of regulated materials for re-use, using water, detergents and solvents, filter pumps, and steam cleaners.
- Operates machines and equipment to remove and package waste materials, including positioning portable air evacuation and filtration systems inside work area.
- Applies chemical compounds to lead-based paint, allows compounds to dry, then scrapes the hazardous material into containers for removal and/or storage.
- Removes asbestos from mechanical systems and removes asbestos pipes.

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- Sprays chemical solution over asbestos covered surfaces, using tank with attached hose and nozzle, to soften asbestos.
- Cuts and scrapes asbestos from surfaces, using knife and scraper. Shovels asbestos into plastic disposal bags and seals bags, using duct tape.

Note: For asbestos removal from walls, ceilings, floors or from mechanical systems which ARE to be scrapped, see "Laborer Group 2". "Asbestos Worker" installs insulation on mechanical systems. For installation of non-irritating insulation in walls, ceilings, floors, etc., see "Carpenter Group 1." For installation of irritating insulation in walls, ceilings, floors, etc., see "Carpenter Group 2."

19. Highway and Parking Striper

Primary Purpose: Paints highway and parking structural surfaces of streets, highways, parking lots, airports, airfields, game courts, curbs, etc., using manually or mechanically propelled machines, brushes, rollers, and/or spray guns. Includes installation of any device or application of any material used in lieu of paint for traffic delineation, such as buttons, tapes, plastics, rumble bars, etc.

Typical Duties:

- Applies and installs lines, arrows, bumpers, and paints curbs, etc.
- Handles, paints and installs car stops, stop signs and any other type of sign installed for the purpose of regulating traffic on such surfaces.
- Installs plastic, metal or composition buttons or lines used instead of paint.
- Applies seal coating, slurry coating and other surface protection such as fog seal and latex based coal tar pitch emulsion used for the protection of the asphalt surface.
- Removes lines, sands using chemicals and hydro-blasting, works on paint and button.
- Manufactures and installs car stops, for example: metal, wood, concrete, plastic, etc., and similar traffic regulators.
- Manufactures, paints, stencils, services, repairs, places and removes traffic safety and control devices (barricades).
- Prepares and maintains surfaces as outlined above.
- Performs cleanup required in connection with highway and parking stripers' work.
- Marks out and grinds in rumble strips and recessed pavement markings using a machine designed exclusively for this purpose. For grinding pavement using heavy equipment, see "Power Equipment Operator."
- Transports, sets up, maintains and takes down variable message signs in work zones when the work is incidental to highway and parking stripers' work.

20. Ironworker

Primary Purpose: Raises, places, installs, and erects all structural steel beams, columns, joists, and trusses, including prefabricated or pre-cast beams, to form completed structures and structural frameworks. Places and secures steel reinforcing bars (rebar) in concrete. Fabricates and installs ornamental ironwork, including metal window and door frames, handrails, stairs, and walkways.

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Typical Duties:

- Sets and installs structural steel girders, beams, columns, rebar cages and mats, and other components to form buildings, bridges, towers, and other structures.
- Performs all work related to the signaling, rigging, hoisting, aligning, bolting, riveting, or welding of structural steel members.
- Loads, unloads, moves, and handles prefabricated steel, including rebar, at the site of work.
- Erects and removes temporary support used to perform work under "Ironworker" classification. See "Bridge and Highway Carpenter" for the erection and removal of falsework used to perform work under the "Bridge and Highway Carpenter" classification. See "Piledriver" for the erection and removal of heavy timber or pile falsework.
- Assembles hoisting equipment, machinery, and rigging, such as cables, pulleys, and hooks, used to move materials and equipment.
- Erects pre-engineered metal buildings, including the bolting of members, girts, and perlins, and the installation of sheet metal siding, roofing, insulation, down spouts, gutters, and flashing.
- Positions and fastens steel bars in concrete to reinforce concrete, using wire, pliers, and welding or rod bending machinery; cuts steel bars to required lengths with tools or machinery; performs layout work related to the placement of steel bars.
- Attaches post-tensioning cables and pre-stressed cables at the site of work; performs work related to the tensioning and grouting of cables and the removal of excess cable.
- Fabricates and installs such ornamental metal as balconies, stairs, walkways, catwalks, handrails, fences, gates, and window and door frames. See "Fence Erector (Metal)" for installation of wire and chain link fencing.
- Installs steel overhead doors in metal buildings.
- May install steel security and hollow metal doors. See also "Carpenter Group 1."
- May install large industrial storage shelves.
- May spin suspension bridge cables or perform other related ironwork duties.

21. Laborer

Primary Purpose: Performs a variety of tasks involving physical labor including but not limited to digging, lifting, carrying, holding, mixing, spreading, and cleaning, and which may include the operation of equipment powered by air, electricity, or gas.

Note: While a Laborer may provide incidental assistance to workers in other classifications, this classification excludes construction laborers who primarily assist a craft worker. Refer to the Tender to Mason Trades and Tender to Plasterer classifications for additional information.

Typical Duties:

Group 1:

- Applicator: Sprays material such as water or steam through hoses to clean, coat, or seal surfaces such as utility lines or storage tanks.
- Asphalt and Aggregate Spreader (by hand): Mixes, pours, and spreads asphalt, gravel, and other materials using hand tools.
- Assistant and Tender to Carpenters: Assists and tends carpenters engaged in construction, erection, installation, and repair of structures and fixtures by moving and

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lifting building materials, tools, and supplies. Hands materials, tools, and supplies to carpenters. Dismantles temporary wooden structures. Cleans materials, equipment, tools, and work areas.

- Brush Cutter and Hand Timber Falling: Removes brush, trees, vegetation, and debris by hand, using hand tools, and burning. Performs choker setter and splicer duties for timber removal. See "Line Constructor" if tree trimming and/or removal is for power line construction or maintenance.
- Chipper Operator: Feeds and operates chipper with 2-4 inch log diameter capability (Pittsburg or similar types).
- Cleanup: Cleans work area, tools, equipment, and materials, except when such work is performed by the classification using the tools, equipment, and materials. For final cleaning see "Laborer Group 4."
- Concrete Laborer: Mixes concrete, cement and shotcrete, using portable mixer. Pours, places, spreads and cures concrete. Mixes cement products used in patching, grouting, or dry packing of concrete. Drives self-propelled buggy to transport concrete from mixer or source of supply to place of deposit. See "Cement Mason" for the leveling, smoothing, edging, and finishing of poured concrete surfaces.
- Crusher and Asphalt Plant Feeder: Performs general cleanup duties. See "Power Equipment Operator Group 2" for Crusher Plant Operator.
- Demolition: Tears down and wrecks structures and moves demolished materials when material is to be scrapped, including charred material, using hand and power tools.
- Drilling Assistant: Assists in setting up drills, sorting drill steels, and inserting drill steel into drill chuck.
- Erosion Control: Creates a physical barrier, such as vegetation or rock and sediment basins and silt fences using hand tools.
- Fence Construction (Non-Metal): Builds fences constructed with wood. See also "Fence Constructor (non-metal)."
- Fine Grade and Leveling: Uses hand and hand-held power tools for fine grade and leveling.
- Flagger: Directs movement of traffic through work sites, using sign, hand, and flag signals, warning paddles, and radio communication (see "Flagger" for full description of duties).
- Form Stripper and Preparation: Strips forms and form materials used for pouring concrete when forms or form materials are to be discarded. Also cleans, prepares, and oils all reusable forms. See "Carpenter Group 1" for the removal and repair of reusable forms; see "Bridge Carpenter" for the removal and repair of reusable forms when the work is performed on bridges.
- Furniture Installation: Installs and moves free standing furniture not attached to floors, ceilings or walls.
- Guard Rails, Median Rails, Guide Posts, Reference Posts, and Right of Way Markers: Erects, removes, and repairs guard rails, median rails, guide and reference posts, and right of way markers along roadways.
- Material Yard Man: Lifts and moves building materials, including loading, unloading, and stockpiling, except when such work is performed by the classification installing the materials.
- Pavers: Lays concrete, granite and brick pavers in beds of sand and dry pack.
- Pipe: Dopes and wraps pipe.
- Post Hole Digging: Digs post holes using tools driven by hand, air, gas, or electric power. See "Fence Constructor" for post holes connected with fencing.

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- Powderman Helper: Assists by carrying powder and other explosives to powderman, places prepared explosive in hole and connects lead wire to blasting machine.
- Power Tool Worker: Uses power tools to perform such work as breaking old pavement or large rocks or loosens or digs hard earth using jackhammer, chipping gun, and paving breakers. See "Line Constructor" for activities related to power line construction or maintenance.
- Pressure Washing: Uses pressurized water equipment to clean surfaces.
- Retaining Wall Installer: Dry stacks cement blocks, stone, and other stackable materials (no mortar).
- Rip Rap and Gabion Baskets: Places baskets and stones by hand.
- Roof Removal: Removes roof, including the cleaning up and handling of roofing material, when at least one new story is added or in demolition work, where no re-roofing will occur. See “Roofer” for the removal of roof and roofing materials that is not related to demolition or the addition of at least one new story.
- Scaffold Erector and Tender: Erects, dismantles, and removes self-supporting scaffolding up to 14 feet in height. For the erection, dismantling, and removal of scaffolding of any height that is used by “Bricklayers” or “Plasterers,” see “Tender to Mason Trades” and “Tender to Plasterers.”
- Self-propelled Buggy Driver: Transports concrete or other material from mixer or source of supply to place of deposit. See “Truck Driver” for power-operated concrete buggy driver.
- Sewer Worker: Assists sewer pipelayer. Sets up, inserts, and removes remote equipment and hands material to pipelayer.
- Shoring Erector: Erects and dismantles shoring for the protection of workers in all types of excavations or trenches.
- Signalman: Signals operators of construction equipment to facilitate alignment, movement, and adjustment of machinery to conform to grade specifications.
- Toolroom, Dryshack Person: Tends these areas located at the job site.
- Weightman: Weighs materials using batching scales and discharges materials from weighing bin into mixer truck or other kind of carriers.

Group 2:

- Chain Saw Operator (Timber): Operates power-driven chain saw to clear areas of timber. Fells trees. See "Line Constructor Group 3" for tree trimming activities related to power line construction or maintenance.
- Drills (Air Track, Cat Drill, Wagon Drill, and similar types): May operate drills (air track, cat drill, wagon drill, and similar types).
- Hazardous Material (Hazmat Remediation): Removes regulated materials such as asbestos from mechanical systems (including but not limited to pipes, boilers, ducts, flues, breaching, grease ducts, and acid ducts) to be scrapped and any non-mechanical insulation (including walls, ceilings, floors, and beams). Loads regulated materials that have been removed, bagged, and tagged. Cleans site of removal activities. See “Asbestos Worker/Insulator” or “Hazardous Materials Handler/Mechanic” for removal of regulated materials from mechanical systems that will not be scrapped.
- High Scaler, Stripper and Driller: Performs scaling duties while suspended by swinging stages, chairs, or belts under extreme conditions.
- Manhole: Constructs manholes. See also “Carpenter Group 1.”

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- Powderman: Locates, loads, and fires blast holes; charges hole by placing explosive and depresses handle of blasting machine or lights fuse to fire explosive. See "Line Constructor Group 5" for use of explosives related to power line construction or maintenance.
- Railroad Track Worker: Lays track and performs other tasks in support of laying track such as digging, hand-grading, lifting, carrying, holding, mixing, spreading and cleaning.
- Stake Setter, Grade Setter and Rodman (Survey Crew): Measures distances from grade stakes; sets stakes; and stretches string line on survey crews.
- Tugger: Operates tugger.

Group 3:
- Asphalt Raker: Distributes asphaltic road-building materials evenly over road surface by raking.
- Concrete Cutting: Uses hand-held concrete saw.
- Concrete Vibrator: Operates hand-guided vibratory compactor.
- Grade Checker: Checks grade for site work. May use GPS and/or Laser.
- Laser Guidance Equipment: Operates laser guidance equipment to place pipes. See also "Tunnel & Shaft Work" below.
- Nozzleman: Controls a hose or nozzle equipment and directs the placement of concrete, mortar, gunite or shotcrete.
- Pipelayer: Lays, joins, aligns, wraps, and seals pipe sections. See "Plumber/Pipefitter/Steamfitter" for the installation of piping and tubing systems that are to conduct water, steam, air, and other fluids or gases in and around buildings and structures.
- Traffic Control Supervisor: Supervises traffic control persons (flaggers). Working supervisor.
- Tunnel and Shaft Work: Performs underground tunnel and shaft work, including but not limited to drilling, laying tracks, loading and removing debris, operating laser guidance equipment, preparing blasting material and holes for explosives, scaling, and shotcreting.

Group 4:
- Final Cleanup: Performs such final cleanup duties as cleaning ceilings, floors, walls, and windows of a building after construction has been completed. See "Laborer Group 1," for general cleanup of a work site during construction.
- Firewatch: Carries out fire watch duties (watching for sparks when welding is done); may carry out confined space (hole) watch and equipment spotter duties.

Group 5:
- See "Landscape Laborer/Technician" Occupation.

22. Landscape Laborer/Technician

Primary Purpose: Beautifies plots of land by changing natural features through the addition or modification of lawns, trees, and bushes.

Note: This classification does not include any typical duties listed below when performed preparatory to any non-landscaping construction work; nor does it apply to installing sewer

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systems, storm sewer systems, catch basins, vaults or drainage systems for impervious surfaces (such as parking lots).

Typical Duties:

- Performs seeding, planting, mulching, land clearing, and topsoil spreading by the use of hand tools.
- Mixes and spreads ground covers, soil amendments, decorative bark or decorative rock.
- Using hand tools and power equipment with less than 90 horsepower, clears land of surface vegetation, trenches to a maximum depth of three feet below finish grade, hydroseeds, and applies chemicals and fertilizers.
- Tills, spreads, and grades topsoil.
- Establishes lawns and plants trees, shrubs, and plants.
- Installs, services, or replaces aboveground and underground lawn or landscape irrigation systems.
- Installs French drains or other subsurface water collection systems to a maximum depth of three feet below finish grade.
- Installs, services, or repairs low voltage outdoor landscape lighting and irrigation valves.
- Assembles or places pre-manufactured and custom fabrication trelliswork, play equipment, benches and picnic tables.

23. Limited Energy Electrician

Primary Purpose: Installs, inspects, maintains, and repairs cables, devices, lines, and wires related to alarm, data communication, and telecommunication systems. (This classification may only be used for electrical work not exceeding 100 va in class II and III installations, as defined in Article 725 of the National Electrical Code).

Typical Duties:

- Assembles and installs such communication equipment as computer, data communication, telephone, and television cables, wiring, distribution frames, and related devices and enclosures.
- Installs security and fire alarm systems.

24. Line Constructor

Primary Purpose: Installs, maintains, and repairs electrical distribution and transmission systems, including conduits, cables, wires, and related equipment. Erects, maintains, and repairs transmission poles (whether constructed of wood, metal, or other material) and light or heavy-duty transmission towers. This classification includes cable splicers, groundmen (including head groundman), linemen, line equipment men, heavy line equipment men, pole sprayers (including lead man), powdermen, tree trimmers, and troubleshooters. Excludes repairers of transformers and substation equipment and telephone and telegraph communications workers.

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Typical Duties:

Group 1:
- Includes Cable Splicer and Leadman Pole Sprayer.
- Joins, splices, insulates, and terminates power cables which are designed to be used for voltages above 2,000.
- Joins, splices, insulates, and terminates gas or liquid filled power cables when part of a distribution system outside of buildings.
- As Leadman Pole Sprayer, directs and assists other workers in applying preservative treatment to wood poles.

Group 2:
- Includes Certified Lineman Welder, Heavy Line Equipment Man, Journeyman Lineman Welder, Journeyman Lineman, Lineman, Heavy Equipment Man, and Pole Sprayer.
- Erects, maintains, and repairs transmission poles, towers, and similar electrical structures for transmission and distribution power lines; performs welding related to such work.
- Climbs poles or towers and installs wires, cables, transformers, insulators, and other electrical equipment.
- Operates equipment used primarily for erection of steel towers, steel poles, or wood high-line structures, when such equipment is capable of operating with 100 or more aggregate feet of boom. Equipment includes cranes, backhoes, clam shells, drag lines, and shovels. For operation of power equipment not related to the construction or maintenance of power lines, see "Power Equipment Operator."
- Applies preservative treatment to wood poles.

Group 3:
- Includes Tree Trimmer.
- Prunes or trims treetops, limbs, branches and brush interfering with electrical power lines.
- Climbs trees to reach branches to be trimmed, using climbing equipment or working from the bucket of an extended truck boom.

Group 4:
- Includes Line Equipment Man
- Operates caterpillars, trucks equipped with winches or booms, hydraulically operated backhoes with or without front-end loaders, hydraulic mounted booms, and other such equipment to perform work related to power line construction or maintenance. For operation of power equipment related to other purposes, see "Power Equipment Operator."
- Uses equipment to hoist steel and insulators to linemen or for sagging or stringing wire.

Group 5:
- Includes Jackhammer Man, and Powderman.
- Operates jackhammer to perform work related to power line construction or maintenance.
- As Powderman, handles, places, and detonates explosives used for purposes of power line construction or maintenance.

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Group 6:

- Includes Groundman.
- Loads, unloads, and moves materials and equipment used for the construction of power lines.
- Manually digs and backfills pole holes, anchor holes, and trenches.
- Assists in framing and erecting poles, in making, installing, and pulling guys, and in assembling and erecting fixtures; workers in this group do not climb poles, towers, or ladders.

Group 7:

- Includes Tree Trimmer Groundman.
- Pulls and cuts brush from trees (does not perform any work in the air).
- Runs the chipper and performs general clean up.
- Moves equipment associated with tree trimming, such as the bucket truck, traffic control signs, dump trucks for chips

25. Marble Setter

Primary Purpose: Cuts, tools, and sets marble or granite slabs on floors, walls, and other structures in buildings and repairs and polishes slabs previously set in buildings. This classification is assisted by "Marble Finisher."

Typical Duties:

- Trims, faces, and cuts marble or granite to specified size, using power sawing, cutting, and facing equipment and hand tools.
- Drills holes in slabs and attaches brackets.
- Spreads mortar on bottom of slabs and on sides of adjacent slabs.
- Sets blocks in position, tamps them into place, and anchors bracket attachments with wire.
- Fills joints with grout and removes excess grout from marble or granite with sponge.
- Cleans and bevels cracks or chips on slabs, using hand tools and power tools.
- Heats cracked or chipped areas with blowtorch and fills defects with composition mastic that matches grain of marble.
- Polishes marble and other ornamental stone to high luster, using power tools or by hand.

26. Millwright Group 1 & 2

Group 1:

Primary Purpose: Assembles, installs, aligns, and dismantles mechanical, hydraulic, pneumatic, and electrical machinery in commercial and industrial sites. This group includes Millwright, Machine Erector, and Machinist.

Typical Duties:

- Assembles and installs machines and equipment including but not limited to motors, generators, compressors, and conveyors according to layout plans, blueprints, and other drawings, using hand and power tools.

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- Constructs foundations for machines, using hand tools and such building materials as wood, cement, or steel.
- Bolts, rivets, or otherwise fastens machines to foundations or other structures, using hand and power tools. For a Millwright who performs welding work, see "Millwright Group 2."
- Aligns machines and equipment, using hoists, jacks, hand tools, squares, rules, micrometers, and plumb bobs.
- Moves machines and equipment, using hoists, dollies, rollers, and trucks.
- Dismantles machines, using hammers, wrenches, crowbars, and other hand tools.

Group 2:
Primary Purpose: Performs welding related to the assembly and installation of mechanical, hydraulic, pneumatic, and electrical machinery in commercial and industrial sites.

Typical Duties:

- Performs welding to assemble, install, or fasten machines and equipment.

27. Painter

Primary Purpose: Paints walls, equipment, buildings, bridges, and other structural or decorative surfaces, using brushes, rollers, spray guns, and trowels. Applies wall coverings and fabrics. As "Commercial Painter," performs painting work upon or within sheltered enclosures having the purpose of housing persons, machinery, equipment, or supplies, including but not limited to schools, institutional buildings, detention facilities, fire and police stations, court houses, office buildings, commercial buildings, and other types of building structures. As "Industrial Painter," performs painting work upon or within structures or facilities that have been established or constructed for industrial, transportation, energy, or sanitation purposes, including but not limited to treatment plants, pipelines, bridges, towers, dams, power facilities, shipyards, and other similar structures, all of which contain extensive use of metal components in their construction.

Typical Duties:

- Applies paint, varnish, stain, enamel, lacquer, vinyl, wall coverings, and fabrics for acoustical stretch panels to decorate and protect interior and exterior surfaces, trimmings, and fixtures of buildings and structures, including the application of epoxy coating on floors and walls with brush, roller, spray equipment, or trowel.
- Removes old paint or other coatings from surfaces, using paint remover, scraper, wire brush, or handheld power tools, or by sandblasting or needle gunning; cleans, smoothes, and washes surfaces in preparation for painting, using sandpaper, brushes, or steel wool.
- Fills nail holes, cracks, and joints with caulk, putty, or other fillers.
- Tapes, masks, and covers surfaces to protect or contain them during painting.
- Mixes paints, oils, stains, varnishes, and lacquers to obtain desired color or consistency.

28. Piledriver

Primary Purpose: Performs pile work and drives piles of any type, including but not limited to wood, steel, concrete, and composite materials. Includes pile driving work related to waterfront and marine installations. See "Power Equipment Operator" for operation of pile driver equipment.

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Typical Duties:

- Constructs bridges made of heavy timber; erects and removes falsework made of heavy timber. See "Bridge and Highway Carpenter" for the erection and removal of falsework used to perform work under the "Bridge and Highway Carpenter" classification. See "Ironworker" for the erection and removal of temporary support used to perform work under that classification.
- Constructs such waterfront and marine facilities as docks, piers, wharves, bulkheads, jetties, and similar structures.
- Sets up equipment for raising and placing of piles.
- Rigs piles in leads, places cushion caps on piles to prevent splitting, guides piles, plumbs piles, and signals operators to begin or cease hammering except when equipment is controlled remotely from the ground.
- Drives, sets, stays, stresses, tests, splices, welds, cuts off, and caps piles.
- Drives sheet piling to shore and brace excavations related to pile driving work, including but not limited to the installation of lagging and all attachments to piles.
- For bridges over water, erects forms for the capping of piles, piers, and columns and for the pier or abutment on land that is nearest to the water's edge. Strips and repairs such forms and form materials, including form components, if reusable. See "Laborer Group 1" for stripping of non-reusable forms and form materials. Also see "Laborer Group 1" for cleaning and prepping of reusable forms.
- Constructs and installs cofferdams and caissons, and places and removes all casings, permanent or temporary, required to install piling. Includes drilled vertical shafts that serve as a form to support piles or pylons.

29. Plasterer and Stucco Mason

Primary Purpose: Applies coats of plaster or stucco to interior or exterior walls, ceilings, and partitions of buildings and structures to produce a finished surface. Fireproofs building assemblies with plaster materials, sprayed fiberglass, or other similar materials, whether applied to gypsum, metal lath, or directly.

Typical Duties:

- Applies plaster to lath, masonry, drywall, or other bases; applies stucco to exterior walls. See "Drywall Taper" for the sealing of joints between plasterboard and other wallboards to prepare the wall surface for painting or papering.
- Sprays fireproof insulation onto gypsum, lath, or other surfaces.
- Creates decorative textures in finish coat systems.
- Molds and installs ornamental plaster pieces, panels, and cornices.
- Applies plaster or stucco siding materials.

30. Plumber/Pipefitter/Steamfitter

Primary Purpose: Fabricates, assembles, installs, alters, dismantles, and replaces pipe systems and related appurtenances (including but not limited to metal, plastic, ceramic, and composition) for the transportation of solids, liquids, or gases. Installs plumbing fixtures.

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Typical Duties:

- Fabricates, assembles, and installs piping and tubing systems that are to conduct water, steam, air, and other fluids, solids, or gases in and around buildings and structures, including hangers, restraints, and supports for such systems.
- Installs vacuum piping systems.
- Installs drainage and sewage lines (laterals) from buildings to the point of attachment to sewer mains.
- Installs distribution lines, including but not limited to oil and gas lines.
- Installs plumbing fixtures, including but not limited to sinks, faucets, drinking fountains, and commodes, water closets, medical gas, backflow devices, and residential fire sprinkler systems that connect into potable water systems. See "Sprinkler Fitter" for the installation of residential fire sprinkler systems that do not connect to the plumbing system.
- Installs piping systems for refrigeration, cooling, and heating equipment, including but not limited to compressors, pumps, tanks, gauges, valves, tubes, and pipes. See "Sheet Metal Worker" for the installation of sheet metal duct work.
- Cuts, threads, bends, connects, and secures pipes.
- Performs welding and burning which is incidental to the work of plumbing, pipefitting, or steamfitting.
- Handles and moves materials and equipment to be used by plumbers, pipefitters, and steamfitters.
- Dismantles piping systems to be replaced or reconditioned.

31. Power Equipment Operator

Primary Purpose: Operates a variety of power construction equipment at the site of work, including but not limited to bulldozers, cranes, excavators, loaders, power shovels, and scrapers. Classification is based on the specific type of equipment that is being operated.

Typical Duties:

- Operates all types of self-propelled equipment, whether controlled mechanically, electrically, electronically, hydraulically, automatically, or remotely.
- Operates stationary equipment including but not limited to asphalt plants, concrete batch plants, crushing plants, and screening plants.
- Loads and moves dirt, rocks, equipment, and materials.
- Drives, mixes, places, pumps, rolls, and spreads various kinds of materials, using heavy machinery.
- Repairs, maintains, and services equipment, as needed.

Group 1

- Concrete Batch Plant and or Wet Mix, three (3) units or more.
- Crane, ninety (90) tons through one hundred ninety-nine (199) tons, with over two hundred (200) foot boom (including jib, inserts and/or attachments) *(Assistant to the Operator required).*
- Crane, two hundred (200) tons through two hundred ninety-nine (299) tons, with two hundred (200) foot boom or less (including jib, inserts and/or attachments) *(Assistant to the Operator required)*.

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- Crane, Floating, one hundred fifty (150) tons but less than two hundred fifty (250) tons (*Diesel Electric Engineer required*).
- Crane, Tower, with one hundred seventy-five (175) foot tower or less and with less than two hundred (200) foot jib.
- Crane, Whirley, ninety (90) tons and over *(Assistant to the Operator required)*.
- Helicopter when used in erecting work.
- Tunnel Boring Machine.
- Tunnel, Micro Boring Tunnel Machine

Group 1A
- Crane, two hundred (200) tons through two hundred ninety-nine (299) tons, with over two hundred (200) foot boom (including jib, inserts and/or attachments) *(Assistant to the Operator required)*.
- Crane, three hundred (300) tons through three hundred ninety-nine (399) tons *(Assistant to the Operator required)*.
- Crane, Floating, two hundred fifty (250) tons and over (*Diesel Electric Engineer and Deckhand required*).
- Crane, Tower, with over one hundred seventy-five (175) foot tower or over two hundred (200) foot jib.
- Crane, Tower, on rail system or 2nd tower or more in work radius.

Group 1B
- Crane, three hundred (300) tons through three hundred ninety-nine (399) tons, with over two hundred (200) foot boom (including jib, inserts and/or attachments) *(Assistant to the Operator required).*
- Crane, four hundred (400) tons and over *(Assistant to the Operator required).*
- Crane, Floating, three hundred fifty (350) tons and over *(Diesel Electric Engineer and Deckhand required*).

Group 2
- Asphalt Plant *(*any type) (*Assistant to the Operator required*).
- Asphalt Roto-Mill, pavement profiler, eight (8) foot lateral cut and over.
- Auto Grader or "Trimmer" (*Grade Checker required*).
- Blade, Robotic.
- Bulldozer, Robotic Equipment (*any type*).
- Bulldozer, over one hundred twenty thousand (120,000) pounds and above.
- Canal Trimmer (*Grade Oiler required*).
- Concrete Batch Plant and or Wet Mix, one (1) and two (2) drum.
- Concrete Canal Liner Operator (*Assistant to the Operator required*).
- Concrete Diamond Head Profiler.
- Concrete, Automatic Slip Form Paver (*Assistant to the Operator required*).
- Crane, fifty (50) tons through eighty-nine (89) tons with over one hundred fifty (150) foot boom (including jib inserts and/or attachments) (*See Article 17 to determine if an Assistant to the Operator is required)*.
- Crane, ninety (90) tons through one hundred ninety-nine (199) tons up to and including two hundred (200) foot of boom (including jib inserts and/or attachments) *(Assistant to the Operator required)*.
- Crane, Boom Truck, fifty (50) ton and with one hundred fifty foot (150) boom and over *(See Article 17 to determine if an Assistant to the Operator is required).*

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- Crane, Cableway, twenty-five (25) tons and over.
- Crane, Floating (*derrick barge*), thirty (30) tons but less than one hundred fifty (150) tons (*Diesel Electric Engineer required*).
- Crane, Floating Clamshell, three (3) cu. yards and over (*Diesel Electric Engineer required*).
- Crane, Whirley, under ninety (90) tons (*Assistant to the Operator required*).
- Crusher Plant (*subject to Article 17-Manning Conditions*).
- Excavator, over one hundred thirty thousand (130,000) pounds.
- Heavy Equipment Robotics Operator or Mechanic.
- Loader, one hundred twenty thousand (120,000) pounds and above.
- Master Environmental Maintenance Mechanic.
- Remote Controlled Earth-Moving Equipment.
- Shovel, Dragline, Clamshell, five (5) cu. yards and over *(See Article 17 to determine if an Assistant to the Operator is required)*.
- Underwater Equipment, remote or otherwise, when used in construction work.
  Wheel Excavator, any size (*Grade Oiler required*).

Construction Site Survey Party Chief:

- Work performed by "workers"* which requires the use or utilization of transits, tripod-mounted levels, lasers, electrotape, electronic measuring devices, theodolites, or total station, to establish a location, an elevation or grade, vertical and horizontal control points, distances and other measurements.

  For work on survey crews performed by workers known as brush cutters see instead "Laborer Group 1." For work on survey crews performed by workers know as rodmen, chainmen, grade setters, stake (hub) setters, or stake (hub) chasers, see instead "Laborer Group 2." For grade setter/layout from plans on a survey crew see "Power Equipment Operator Group 4." For grade checker on a survey crew, see "Laborer Group 3" or "Power Equipment Operator Group 6."

* *Where the primary duties of a member of the survey crew are professional or sub-professional (i.e. supervisory or administrative work that is mental or non-physical in nature), the crew member would not be a "worker" unless he or she spent more than 20% of the overall workweek performing duties which are manual or physical in nature.*

Note: When preliminary survey work merely affects construction without being a part of it, such work is not generally covered under the prevailing wage rate law. But where surveying is performed immediately prior to and during the actual construction in direct support of construction crews, such activity is covered.

Group 3

- Bulldozer, over seventy thousand (70,000) pounds up to and including one hundred twenty thousand (120,000) pounds.
- Crane, fifty (50) tons through eighty-nine (89) tons with one hundred fifty (150) foot boom or less (including jib inserts and/or attachments) *(Assistant to the Operator required)*.
- Crane, Boom Truck, fifty (50) ton and over with less than one hundred fifty (150) foot boom *(see Article 17 to determine if an Assistant to the Operator is required).*
- Crane, Quick Tower, one hundred (100) foot and over in height and one hundred fifty (150) foot and over jib (on rail included).

- Crane, Shovel, Dragline or Clamshell, three (3) cu. yards but less than five (5) cu. yards (*Assistant to the Operator required*).
- Excavator, over eighty-five thousand (85,000) pounds through one hundred thirty thousand (130,000) pounds.
- Loader, sixty thousand (60,000) pounds and less than one hundred twenty thousand (120,000) pounds.

Group 4

- Asphalt, Screed.
- Asphalt Paver (*Screed man required*).
- Asphalt, Roto-Mill, pavement profiler, under eight (8) foot lateral cut.
- Asphalt Recycle Machine
- Asphalt, Material Transfer Vehicle Operator (Shuttle Buggy or similar type)
- Back Filling Machine (*Assistant to the Operator required*).
- Backhoe, Robotic track and wheel type, up to and including twenty thousand (20,000) pounds, with any attachments.
- Blade (*any type*).(See group 2 for robotic blade operator.)
- Boatman, Licensed.
- Boring Machine (*Assistant to the Operator required*).
- Bulldozer, over twenty thousand (20,000) pounds and more than one hundred (100) horsepower up to seventy thousand (70,000) pounds.
- Cable-Plow (*any type*).
- Cableway, up to twenty-five (25) tons.
- Cat Drill (*John Henry*).
- Challenger.
- Chippers (*Assistant to the Operator required*).
- Combination Heavy Duty Mechanic-Welder, when required to do both.
- Compactor, multi-engine.
- Compactor, Robotic.
- Compactor, with blade, self-propelled.
- Concrete Breaker (*Assistant to the Operator required*).
- Concrete, Grout Plant.
- Concrete, Mixer Mobile.
- Concrete, Paving Road Mixer.
- Concrete, Reinforced Tank Banding Machine (*Assistant to the Operator required*).
- Crane, under fifty (50) tons.
- Crane, Boom Truck, twenty (20) ton and under fifty (50) ton.
- Crane, Bridge Locomotive, Gantry, and Overhead *(Assistant to the Operator required)*.
- Crane, Carry Deck, Spider Crane, and similar types.
- Crane, Chicago Boom and similar types.
- Crane, Derrick Operator, under one hundred (100) ton, *(two (2) Operators required when swing control is remote from hoist)*.
- Crane, Floating Clamshell, Dragline, etc., under three (3) cu. yards or less than thirty (30) tons (*Diesel-Electric Engineer required*).
- Crane, Quick Tower, under one hundred (100) foot in height and less than one hundred fifty (150) foot jib (on rail included).
- Diesel-Electric Engineer (*Plant or Floating*).
- Directional Drill, over twenty thousand (20,000) pounds pullback.

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- Drill Cat Operator.
- Drill Doctor and or Bit Grinder.
- Drill Oscillator.
- Driller, Percussion, Diamond, Core, Cable, Rotary and similar type.
- Excavator Operator, over twenty thousand (20,000) pounds through eighty-five thousand (85,000) pounds.
- Generator Operator.
- Grade Setter/layout from plans.
- Grade-all.
- Guardrail Machines, i.e. Punch, Auger, etc.
- Hammer Operator (*Piledriver*).
- Hoist, stiff leg, guy derrick or similar type, fifty (50) tons and over.
- Hoist, two (2) drums or more.
- Hydro Axe (*loader mounted or similar type*).
- Jack Operator, Elevating Barges, Barge Operator, self-unloading (*Assistant to the Operator required*).
- Loader Operator, front end and overhead, twenty five thousand (25,000) pounds and less than sixty thousand (60,000) pounds.
- Log Skidder.
- Mechanic, Heavy Duty.
- Piledriver Operator (*not crane type*) (*Assistant to Operator required*).
- Pipe Bending, Cleaning, Doping, and Wrapping Machines.
- Rail, Ballast Tamper Multi-purpose.
- Rubber-tired Dozers and Pushers.
- Scraper, all types.
- Side-Boom.
- Skip Loader, Drag Box.
- Stump Grinder (*loader mounted or similar type*).
- Surface Heater and Planer.
- Tractor, rubber-tired, over fifty (50) horsepower flywheel.
- Trenching Machine, three (3) foot depth and deeper (*Assistant to the Operator required*).
- Truck, Crane Oiler-Driver 250 tons and over.
- Tub Grinder (*used for wood debris*).
- Tunnel Boring Machine Mechanic.
- Tunnel, Mucking Machine.
- Tunnel, Segment Plant.
- Tunnel, Separation Plant.
- Tunnel, Shaef Loader.
- Tunnel, Shield Operator.
- Ultra High Pressure Water Jet Cutting Tool System Operator.
- Vacuum Blasting Machine Operator.
- Water Pulls, Water Wagons.
- Welder, Heavy Duty, certified or not.

<u>Group 5</u>

- Asphalt, Extrusion Machine.
- Asphalt Roller (*any asphalt mix*).
- Asphalt, Roto-Mill, pavement profiler ground man.

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- Bulldozer, twenty thousand (20,000) pounds or less, or one hundred (100) horsepower or less.
- Cement Pump.
- Chip Spreading Machine.
- Churn Drill and Earth Boring Machine.
- Compactor, self-propelled, without blade.
- Compressor (*any power*), one thousand two hundred fifty (1,250) cu. feet and over total capacity.
- Concrete, Batch Plant Quality Control.
- Concrete, Combination Mixer and Compressor Operator, gunite work.
- Concrete, Curb Machine, Mechanical Berm, Curb and/or Curb and Gutter.
- Concrete, Finishing Machine.
- Concrete, Grouting Machine.
- Concrete, Internal Full Slab Vibrator.
- Concrete, Joint Machine.
- Concrete, Mixer, single drum any capacity.
- Concrete, Paving Machine, eight (8) feet and less (*Assistant to the Operator required*).
- Concrete, Placing Boom.
- Concrete, Planer.
- Concrete, Pump.
- Concrete, Pump Truck.
- Concrete, Pumpcrete Operator (*any type*).
- Concrete, Slip Form Pumps,-Power driven hydraulic lifting device for concrete forms.
- Concrete, Spreader.
- Concrete, Telebelt.
- Concrete, Treated Base Roller Operator, Oiling.
- Conveyored Material Hauler.
- Crane, Boom Truck under twenty (20) tons.
- Crane, Boom type lifting device, five (5) tons capacity or less.
- Drill, Directional type, less than twenty thousand (20,000) pounds pullback.
- Drill, Mud Mixer.
- Elevating Grader Operator, Tractor towed requiring Operator or Grader.
- Elevating Loader Operator (*any type*).
- Elevator to move personnel or materials.
- Fork Lift, over ten (10) tons or Robotic.
- Helicopter Hoist.
- Hoist Operator, single drum.
- Hydraulic Backhoe, track type, up to and including twenty thousand (20,000) pounds.
- Hydraulic Backhoe, wheel type (*any make*).
- Laser Screed.
- Lime Spreader, construction job site.
- Loaders, rubber-tired type, less than twenty-five thousand (25,000) pounds.
- Pavement Grinder and or Grooving Machine (*riding type*).
- Pipe, cast in place pipe laying machine.
- Pulva-Mixer or similar types.
- Pump Operator, more than five (5) pumps (*any size*).
- Rail, Ballast Compactor, Regulator, or Tamper machines.
- Rail, Car Mover.

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- Rail, Clip Applicator.
- Rail, High Rail Self Loader Truck.
- Rail, Locomotive, forty (40) tons and over (*Assistant to the Operator required*).
- Rail, Lo-Railer.
- Rail, Shuttle Car Operator.
- Rail, Speedswing.
- Rail, Track Liner.
- Service Oiler (*Greaser*).
- Sweeper, self-propelled, construction job site.
- Tractor, rubber-tired, fifty (50) horsepower flywheel and under.
- Trenching Machine Operator, maximum digging capacity three (3) feet depth.
- Truck, All Terrain or Track type.
- Truck, Barrel type.
- Truck, Crane Oiler-Driver 100-249 tons.
- Truck, heavy haul, specialized transporter, hydraulic, electric or similar.
- Truck, Offroad Trucks, Articulated and Non-Articulated Trucks over forty (40) ton.
- Truck, Vacuum.
- Truck, Water.
- Tunnel, Locomotive, Dinkey.
- Tunnel, Power Jumbo setting slip forms, etc.

Group 6

- Air Filtration Equipment.
- Asphalt, Pugmill (*any type*).
- Asphalt, Raker.
- Asphalt, Truck Mounted Asphalt Spreader, with screed.
- Assistant to the Operator (Oiler).
- Auger Oiler.
- Bell Man (*any type of communication*).
- Boatman.
- Bobcat, Skid Steer (under 1 yard).
- Broom, self-propelled, construction job site.
- Compressor Operator (*any power*), under one thousand two hundred fifty (1,250) cu. feet total capacity.
- Concrete Curing Machine (*riding type*).
- Concrete Saw *(walk behind)*.
- Conveyor Operator or Assistant.
- Crane, Tugger.
- Crusher Feederman.
- Crusher Oiler.
- Deckhand.
- Drill Assistant.
- Drill, Directional Locator.
- Forklift.
- Grade Checker.
- Guardrail Punch Oiler.
- Heavy Duty Repairman Assistant.
- Hydraulic Pipe Press.

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- Hydrographic Seeder Machine, straw, pulp or seed.
- Hydrostatic Pump Operator.
- Material Handler.
- Mixer Box (*C.T.B., dry batch, etc.*).
- Oiler.
- Parts Man (*Tool Room*).
- Plant Oiler.
- Pump (*any power*).
- Rail, Brakeman, Switchman, Motorman.
- Rail, Tamping Machine, mechanical, self-propelled.
- Rigger.
- Roller grading (*not asphalt*).
- Truck Crane Oiler-Driver under 100 tons.
- Truck, Off-road trucks, articulated and non-articulated trucks forty (40) tons and under.
- Welder's Assistant.
- Welding Machine.
- Wire Mat or Brooming Machine.

32. Roofer

Primary Purpose: Applies and installs roofing materials other than sheet metal to roofs of commercial structures, using brushes, knives, punches, hammers, and other tools.

Typical Duties:

- Installs roofing materials, including but not limited to asphalt, composition, slate, tile, and wood, and necessary metal flashing to make roof system watertight.
- Lays felt or paper beneath roofing material.
- Cuts, dresses, and punches roofing material.
- Installs damp resisting preparations when applied to roofs with mop, three-knot brush, roller, swab or spray system; applies elastomeric and elastoplastic coatings and membranes for roofing, damp-resistance, and waterproofing, using squeegee, trowel, roller, or spray equipment. For waterproofing of concrete or masonry, see "Cement Mason Group 2," and "Bricklayer/Stonemason."
- Tears off or removes roofs and roofing materials. See also "Laborer Group 1," for removal of roofs during demolition or when at least a single story is added to a structure.

33. Sheet Metal Worker

Primary Purpose: Fabricates on site, assembles, installs, and replaces sheet metal products and equipment, including but not limited to control boxes, drainpipes, duct work, and furnace casings.

Typical Duties:

- Installs, repairs, and alters such assemblies as duct work for heating, ventilation, air-conditioning, and exhaust systems, rain gutters and down spouts, and furnace casings.
- Installs panels and structures for refrigeration equipment. See "Plumber/Pipefitter/Steamfitter" for installation of refrigeration units or systems.

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- Installs sheet metal roofing or siding materials, including application of insulation to siding prior to installation. See “Ironworker” for installation of sheet metal roofing or siding materials on pre-engineered metal buildings.
- Sets up and operates fabricating machines to cut, bend and straighten sheet metal.
- Shapes metal over anvils, blocks, or forms, using hammer.
- Operates soldering and welding equipment to join sheet metal parts; inspects, assembles, and smoothes seams and joints of burred surfaces.
- Removes sheet metal roofing when re-roofing with sheet metal materials will occur. See “Laborer Group 1,” for removal of sheet metal roofing when re-roofing will not occur.

34. Soft Floor Layer

Primary Purpose: Applies blocks, strips or sheets of shock-absorbing, sound-deadening or decorative coverings including but not limited to soft tile, linoleum, carpet, rubber, and cork, and may also include pre-finished wood and laminate flooring and plastic laminates to floors, walls, and cabinets. Prepares and installs synthetic turf.

Typical Duties:

- Removes covering materials from base surfaces to prepare for installation of new covering materials.
- Sweeps, scrapes, sands, or chips dirt and irregularities from base surfaces, and fills cracks with putty, plaster, or cement grout to form smooth, clean foundations.
- Measures and cuts covering materials and such underlayment materials as felt or padding.
- Spreads adhesive cement over floors to secure underlayment material and to prevent covering from wearing at board joints.
- Fits devices for the attachment of covering materials, including fitting of metal edges, corners, and caps.
- Lays and installs underlayment, including self-leveling cementitious underlayments and moisture barriers, and covering materials, and rolls, presses, or stretches materials to produce smooth, finished surfaces.

35. Sprinkler Fitter

Primary Purpose: Installs and maintains all fire protection and fire control systems and installs all piping, auxiliary devices, tubing, appurtenances, and equipment related to such systems. Excludes systems operated with steam.

Typical Duties:

- Installs and maintains overhead and underground water mains, fire hydrants and hydrant mains, standpipes and hose connections to sprinkler systems, sprinkler tank heaters, air lines and thermal systems used in connection with sprinkler and alarm systems, including all related tanks and pumps. See “Plumber/ Pipefitter/Steamfitter” for the installation of piping systems not related to fire protection and fire control systems and for the installation of residential fire sprinkler systems when such systems connect into a potable water system.
- Loads, unloads, moves, and handles sprinkler fitter material at the site of work.

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- Installs and maintains CO-2 and Cardox systems, dry chemical systems, foam systems, Halon systems, and all other fire protection systems.
- Cuts and cores holes for piping, and sets sleeves and inserts required for installation of fire protection systems.

36. Tender to Mason Trades (Brick and Stonemason, Mortar Mixer, Hod Carrier)

Primary Purpose: Directly assists "Brickmasons/Stonemasons."

Typical Duties:

- Mixes, supplies, and holds materials or tools.
- Mixes, handles, and conveys all other materials used by Masons, such as brick or stone.
- Cleans work area and equipment of Masons.
- Erects scaffolding of any height for use by Masons.

Note: Excludes placement of cement and concrete and cement pumping, which is performed by Laborer classification.

37. Tender to Plasterer and Stucco Mason

Primary Purpose: Assists "Plasterer and Stucco Masons."

Typical Duties:

- Supplies and holds materials or tools.
- May mix and convey materials; may install overspray protection.
- Cleans work area and equipment of plasterers.
- Erects scaffolding of any height for use by plasterers.
- Operates stucco or fireproofing pumps.

Note: Excludes construction or maintenance laborers who do not primarily assist plasterers or stucco masons (See "Laborer Group 1" classification).

38. Testing, Adjusting and Balancing (TAB) Technician

Primary Purpose: On the site of construction, inspects, tests, adjusts, and balances air-handling equipment, duct work, and water distribution systems in commercial and industrial buildings, using specialized instruments and equipment, to attain performance standards specified in system design.

Typical Duties:

- Inspects systems to verify system compliance with plans and specifications.
- Tests performance of air-handling systems, using specialized instrumentation and testing equipment, including but not limited to pitot tube, flow hood, manometer, and anemonmeter.

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- Tests performance of water distribution systems, using specialized instruments and test equipment, including but not limited to flowmeter, manometer, pressure gauge, and thermometer.
- Adjusts dampers, fans, sheaves, valves, and other system components, using hand tools.

Note: See "Sheet Metal Worker" for the work of assembling, installing and replacing sheet metal products and equipment, including but not limited to control boxes, drainpipes, duct work, and furnace casings.

Note: See "Plumber/Pipefitter/Steamfitter" for the work of assembling, installing, altering, dismantling, and replacing pipe systems and related appurtenances (including but not limited to metal, plastic, ceramic, and composition) for the transportation of solids, liquids, or gases and the installation of plumbing fixtures.

39. Tile Setter/Terrazzo Worker: Hard Tile Setter

Primary Purpose: Applies tile to walls, floors, ceilings, and promenade roof decks, following design specifications. Creates durable and decorative surfaces on walls, floors, and ceilings. This classification is tended by "Tile, Terrazzo, and Marble Finisher."

Typical Duties:

- Applies glazed, unglazed, mosaic, and other ceramic tiles which are used as a surface on floors, walls, ceilings, and other surfaces and which must be set to a specified grade.
- Cuts and shapes tile with tile cutters and biters.
- Mixes, applies, and spreads adhesive materials to form a bed for tiles.
- Levels and plumbs tiles to the specified grade; positions tiles and affixes them to adhesive base.
- Spreads mixture of sand, cement, and water over surface with a trowel to form terrazzo base.
- Cuts metal division strips and presses them into terrazzo base so that top edges form desired design or pattern and define level of finished floor surface.
- Spreads mixture of marble chips, cement, pigment, and water over terrazzo base, using float and trowel, to form finished surface.

40. Tile, Terrazzo and Marble Finisher

Note: This classification does not lay or set any material and may not replace "Tile Setter/Terrazzo Worker," "Bricklayer, or Marble Setter."

1. Tile and Terrazzo Finisher

Primary Purpose: Supplies and mixes construction materials for "Terrazzo Worker and Tile Setter." Applies grout and finishes surface of installed terrazzo and tile.

Typical Duties:

- Handles, moves, hoists, stores, and distributes sand, mortar, cement, lime, terrazzo, tile, or any other materials that may be used by terrazzo worker and tile setter.
- Mixes mortar and grout and moves mortar and grout manually or using wheelbarrow.

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- Cleans installed terrazzo and tile surfaces and work and storage areas.
- May repair and fill chipped, cracked, or broken pieces.
- Grinds and polishes terrazzo and tile surfaces.
- May assist terrazzo worker and tile setter.

2. Brick and Marble Finisher

Primary Purpose: Assists "Bricklayer" or "Marble Setter" in order to increase productivity.

Typical Duties:

- Strikes, saws, cleans, washes, and grouts brick or marble.

41. Truck Driver

Primary Purpose: Drives a tractor-trailer combination or a truck with a capacity of at least three (3) tons to transport goods or materials, including but not limited to dump trucks, flat beds, and water wagons. Classification is based on the specific type of vehicle that is being driven.

Typical Duties:

- Drives and maneuvers vehicles to move or transport materials.
- Performs repairs and maintenance on vehicles.

Group 1

- Articulated Dump Truck Driver
- A-Frame or Hydra-Lift Truck with load-bearing surface
- Battery Rebuilder
- Bus or Man-Haul Driver
- Concrete Buggies (power operated)
- Concrete Pump Truck
- Driver
- Dump Trucks, side, end and bottom dumps up to and including ten (10) cu. yards, including semi-trucks and trains or combinations thereof
- Fork Lifts used in loading, unloading and transporting material on job site
- Fuel Truck Driver
- Lift Jitney Driver
- Loader and/or Leverman on concrete dry batch plant, manually operated
- Lubrication Man
- Pickup Truck Driver
- Pilot Car Driver
- Slurry Truck Driver or Leverman
- Solo Flat Bed and miscellaneous body trucks (zero to ten (0-10) tons)
- Steam Cleaner or combination
- Tireman
- Transit Mix and Wet or Dry Mix Truck Driver, five (5) cu. yards and under

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- Truck and Truck Mechanic Assistant
- Wash Rack Operator
- Water Wagon, up to three thousand (3,000) gallons

Group 2
- Boom Truck/Hydra-lift or Retracting Crane
- Challenger
- Dump Truck/Articulated Dump Driver, six (6) to ten (10) cu. yards
- Dumpsters or similar equipment, all sizes
- Flaherty Spreader Driver or Leverman
- Low Bed Equipment, Flat Bed Semi-Truck and Trailer or doubles driver transporting equipment or wet or dry materials
- Lumber Carrier, Driver-Straddle Carrier used in loading, unloading and transportation of material on job site
- Oil Distributor Driver or Leverman
- Transit Mix and Wet or Dry Mix Truck Driver, over five (5) cu. yards and including seven (7) cu. yards
- Vacuum Truck Driver
- Water Wagon Driver, three thousand (3,000) to five thousand (5,000) gallons

Group 3
- Ammonia Nitrate Distributor
- Dump Trucks, side, end and bottom dumps over ten (10) cu. yards and including thirty (30) cu. yards, including semi-trucks and trains or combinations thereof, includes Articulated Dump Trucks
- Self-Propelled Street Sweeper
- Transit Mix and Wet or Dry Mix Trucks, over seven (7) cu. yards and including eleven (11) cu. yards
- Truck Mechanic –Welder –Body Repairman
- Utility and Clean-up Truck
- Water Wagons, five thousand (5,000) to ten thousand (10,000) gallons

Group 4
- Asphalt Burner
- Dump Trucks, side, end and bottom dumps over thirty (30) cu. yards and including fifty (50) cu. yards, including semi-trucks and trains or combinations thereof, includes Articulated Dump Trucks
- Fire Guard
- Transit Mix and Wet or Dry Mix Truck Driver, over eleven (11) cu. yards and including fifteen (15) cu. yards
- Water Wagons, ten thousand (10,000) to fifteen thousand (15,000) gallons

Group 5
- Composite Crewman
- Dump Trucks, side, end and bottom dumps over fifty (50) cu. yards and including sixty (60) cu. yards, including semi-trucks and trains or combinations thereof, includes Articulated Dump Trucks

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Group 6

- Bulk Cement Spreader without Auger
- Dry Pre-Batch Concrete Mix Trucks
- Dump Trucks, side, end and bottom dumps over sixty (60) cu. yards and including eighty (80) cu. yards, including semi-trucks and trains or combinations thereof, includes Articulated Dump Trucks
- Skid Truck

Group 7

- Dump Trucks, side, end, and bottom dumps over eighty (80) cu. yards and including one hundred (100) cu. yards, including semi-trucks and trains or combinations thereof, includes Articulated Dump Trucks.
- Industrial Lift Truck (mechanical tailgate)

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CROSS REFERENCE

OF COVERED OCCUPATIONS

FOR

PUBLIC WORKS CONTRACTS IN OREGON

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THIS CROSS-REFERENCE IS INTENDED TO BE A REFERENCE TOOL ONLY. IT DOES NOT REPRESENT ALL TYPICAL DUTIES ASSOCIATED WITH EACH OCCUPATION. IF YOU HAVE QUESTIONS ABOUT WORK CLASSIFICATIONS OR DEFINITIONS, CONTACT BOLI AT (971) 245-3844.

Bureau of Labor and Industries
CROSS REFERENCE OF COVERED OCCUPATIONS
For Public Works Contracts in Oregon

Description	Occupation Title and Designation (Subtitle or Grp. #)	
Acoustical spray on walls and ceilings	Painter	
Acoustical tile applicator	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 2
Adjust, balance and test air-handling equipment on site of work	Testing, Adjusting and Balancing (TAB) Tech.	
Adjust, balance and test duct work on site of work	Testing, Adjusting and Balancing (TAB) Tech.	
Adjust, balance and test water distribution systems in commercial and industrial buildings	Testing, Adjusting and Balancing (TAB) Tech.	
Aerators installation on pipe at wastewater treatment plant	Plumber/Pipefitter/Steamfitter	
A-frame or hydra-lift truck driver (with load bearing surface)	Truck Driver	Group 1
A-frame truck (double drum) – crane	Power Equipment Operator	Group 5
A-frame truck operator single drum – crane	Power Equipment Operator	Group 5
Aggregate spreader – by hand	Laborer	Group 1
Air balancing technician	Testing, Adjusting and Balancing (TAB) Tech.	
Air conditioning assemblies - duct work – install, repair and alter	Sheet Metal Worker	
Air conditioning system Freon removal and collection	Plumber/Pipefitter/Steamfitter	
Air conditioning systems installation - piping work	Plumber/Pipefitter/Steamfitter	
Air filtration equipment operator	Power Equipment Operator	Group 6
All terrain truck operator or track type	Power Equipment Operator	Group 5
Aluminum plank seating – bolting to fittings in concrete	Ironworker	
Ammonia nitrate distributor driver	Truck Driver	Group 3
Applicator (of protective material on utility lines or storage tanks)	Laborer	Group 1
Articulated dump truck driver, 6 to 10 cu. yds.	Truck Driver (See also PEO Group 5)	Group 2
Articulated dump truck driver, over 10 and including 30 cu. yds.	Truck Driver (See also PEO Group 5)	Group 3
Articulated dump truck driver, over 30 and including 50 cu. yds.	Truck Driver (See also PEO Group 5)	Group 4
Articulated dump truck driver, over 50 and including 60 cu. yds.	Truck Driver (See also PEO Group 5)	Group 5
Articulated dump truck driver, over 60 and including 80 cu. yds.	Truck Driver (See also PEO Group 5)	Group 6
Articulated dump truck driver, over 80 and including one hundred cu. yds.	Truck Driver (See also PEO Group 5)	Group 7
Articulated dump truck driver, under 6 cu. yds.	Truck Driver (See also PEO Group 5)	Group 1
Asbestos encapsulation including additional insulation	Asbestos Worker/Insulator	
Asbestos handling done at the disposal site	Laborer	Group 2
Asbestos handling of already removed, bagged/tagged material	Laborer	Group 2
Asbestos removal from mechanical systems ARE to be scrapped	Laborer	Group 2
Asbestos removal from mechanical systems NOT to be scrapped	Hazardous Material Handler	
Asbestos removal from walls, ceilings, floors, beams, etc.	Laborer	Group 2
Asphalt burner driver	Truck Driver	Group 4
Asphalt paver operator	Power Equipment Operator	Group 4
Asphalt plant laborer	Laborer	Group 1
Asphalt plant operator (any type)	Power Equipment Operator	Group 2
Asphalt raker (by hand)	Laborer Group 3 or Power Equipment Operator	Group 6
Asphalt recycle machine operator	Power Equipment Operator	Group 4
Asphalt roller operator (any asphalt mix)	Power Equipment Operator	Group 5
Asphalt roofing installation	Roofer	
Asphalt spreader	Laborer	Group 1
Asphalt, extrusion machine operator	Power Equipment Operator	Group 5
Asphalt, material transfer vehicle operator (Shuttle Buggy or similar type)	Power Equipment Operator	Group 4
Asphalt, pugmill (any type)	Power Equipment Operator	Group 6
Asphalt, roto-mill, pavement profiler ground man	Power Equipment Operator	Group 5
Asphalt, roto-mill, pavement profiler operator, 8 ft. lateral cut and over	Power Equipment Operator	Group 2

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Asphalt, roto-mill, pavement profiler operator, under 8 ft. lateral cut	Power Equipment Operator	Group 4
Asphalt, screed operator	Power Equipment Operator	Group 4
Asphalt, truck-mounted asphalt spreader with screed	Power Equipment Operator	Group 6
Assistant engineer to dredger (including watch engineer, welder, mechanic)	Dredger	
Assistant mate (deckhand) (Dredging)	Dredger	
Assistant to the Operator (Oiler)	Power Equipment Operator	Group 6
Auger oiler	Power Equipment Operator	Group 6
Auto grader or “trimmer” operator	Power Equipment Operator	Group 2
Automatic door installation (excluding wiring)	Carpenter	Group 1
Automatic nailing machine operator	Carpenter	Group 1
Automatic slip form paver (Concrete)	Power Equipment Operator	Group 2
Awning installation	Carpenter	Group 1
Back filling machine operator	Power Equipment Operator	Group 4
Backhoe hydraulic track type, up to and including 20,000 lbs.	Power Equipment Operator	Group 5
Backhoe hydraulic wheel type (any make)	Power Equipment Operator	Group 5
Backhoe operator, line construction	Line Constructor	Group 4
Backhoe robotic track and wheel type, up to and including 20,000 lbs. with any attachments	Power Equipment Operator	Group 4
Balance, adjust and test air-handling equipment on site of work	Testing, Adjusting and Balancing (TAB) Tech.	
Balance, adjust and test duct work on site of work	Testing, Adjusting and Balancing (TAB) Tech.	
Balance, adjust and test water distribution systems in commercial and industrial buildings	Testing, Adjusting and Balancing (TAB) Tech.	
Ballast compactor, regulator or tamper machine operator (Rail)	Power Equipment Operator	Group 5
Ballast jack tamper operator (mechanical self-propelled)	Power Equipment Operator	Group 6
Ballast tamper multi-purpose operator (Rail)	Power Equipment Operator	Group 4
Barbed wire fencing around highways, industrial and commercial sites	Fence Erector (Metal)	
Barge operator, Jack operator, self-unloading	Power Equipment Operator	Group 4
Barrel truck operator	Power Equipment Operator	Group 5
Batch plant and/or wet mix operator, Concrete, 1 and 2 drum	Power Equipment Operator	Group 2
Batch plant and/or wet mix operator, Concrete, 3 units or more	Power Equipment Operator	Group 1
Batch plant quality control (Concrete)	Power Equipment Operator	Group 5
Batch weighman	Laborer	Group 1
Battery rebuilder	Truck Driver	Group 1
Bell Man (signalman, rigger - any type of communication)	Power Equipment Operator	Group 6
Belt loader operator (Kolman and Ko Cal types)	Power Equipment Operator	Group 4
Beltcrete operator (Placer operator)	Power Equipment Operator	Group 5
Bit grinder (hand tools)	Laborer	Group 2
Blade operator, non-robotic	Power Equipment Operator	Group 4
Blade operator, robotic	Power Equipment Operator	Group 2
Bleachers – installing folding, steel-framed gym seating	Carpenter Group 1 or Ironworker	
Boatman	Power Equipment Operator	Group 6
Boatman attending dredge plant	Dredger	
Boatman, licensed	Power Equipment Operator	Group 4
Bobcat skid steer, under 1 yard	Power Equipment Operator	Group 6
Boiler frame, tanks or vats assembly	Boilermaker	
Boiler house auxiliaries (construct, assemble, maintain and renovate)	Boilermaker	
Boilermaker	Boilermaker	
Boilermaker confined entry “hole watcher”	Boilermaker	
Bolt-threading machine operator (repairman/heavy duty)	Power Equipment Operator	Group 4
Boom man (piledriver)	Piledriver	
Boom truck crane, 20 ton and under 50	Power Equipment Operator	Group 4
Boom truck crane, 50 ton and over with less than 150 boom	Power Equipment Operator	Group 3
Boom truck crane, 50 ton and with 150 foot boom and over	Power Equipment Operator	Group 2

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Boom truck crane, under 20 ton	Power Equipment Operator	Group 5
Boom-type lifting device, 5 tons capacity or less	Power Equipment Operator	Group 5
Boring machine operator	Power Equipment Operator	Group 4
Brakeman (Rail)	Power Equipment Operator	Group 6
Brick laying	Bricklayer/Stonemason	
Brick restoration – re-grouting and tuck pointing	Bricklayer/Stonemason	
Bricklayer's tender or helper (mixing, wheeling, handling of material)	Tender to Mason Trades	
Bridge builder	Bridge And Highway Carpenter, Cement Mason, Ironworker, Laborer, Piledriver	
Bridge concrete drilling and patching for cathodic corrosion prevention	Cement Mason	Group 1
Bridge crane operator, Locomotive, Gantry, Overhead	Power Equipment Operator	Group 4
Bridge rebar connecting to electrical cathodes (corrosion prevention)	Electrician	
Bridge rough carpentry work	Bridge And Highway Carpenter	
Bridge steel framework erection	Ironworker	
Bridge zinc coating as part of cathodic corrosion prevention	Painter	
Broom operator, self-propelled, construction job site	Power Equipment Operator	Group 6
Broomer	Laborer	Group 1
Brush burner/cutter	Laborer	Group 1
Brush cutter (power saw)	Laborer	Group 1
Brush cutter (survey crew)	Laborer	Group 1
Brush painter	Painter	
Bucker-faller (power saw operator)	Laborer	Group 2
Bucket elevator loader operator (Barber Greene and similar types)	Power Equipment Operator	Group 4
Building, steel framework erection	Ironworker	
Bulk cement spreader without auger (truck)	Truck Driver	Group 6
Bulldozer, operator (tandem, quad-nine, D-10, D-11, and similar type)	Power Equipment Operator	Group 2
Bulldozer, operator 20,000 lbs. or less, or 100 horsepower or less	Power Equipment Operator	Group 5
Bulldozer, operator over 120,000 lbs.	Power Equipment Operator	Group 2
Bulldozer, operator over 20,000 up to 70,000 lbs. and more than 100 horsepower	Power Equipment Operator	Group 4
Bulldozer, operator over 70,000 lbs. up to and including 120,000 lbs.	Power Equipment Operator	Group 3
Bulldozer, operator twin engine (TC 12 and similar type, D-10)	Power Equipment Operator	Group 2
Bulldozer, robotic equipment operator, any type	Power Equipment Operator	Group 2
Burglar/fire alarm installation	Limited Energy Electrician	
Burner	Laborer	Group 1
Bus or man-haul driver	Truck Driver	Group 1
Cabinet and shelving installer (wood or metal)	Carpenter	Group 1
Cable installation for telephone and television	Limited Energy Electrician	
Cable plow operator any type	Power Equipment Operator	Group 4
Cable splicer (inside wire man)	Electrician	
Cable splicer (outside wire man)	Line Constructor	Group 1
Cableway crane operator, 25 tons and over	Power Equipment Operator	Group 2
Cableway operator, up to 25 tons	Power Equipment Operator	Group 4
Canal liner operator (Concrete)	Power Equipment Operator	Group 2
Canal trimmer	Power Equipment Operator	Group 2
Car and truck loader	Laborer	Group 1
Car mover operator (Rail)	Power Equipment Operator	Group 5
Carpenter	Carpenter (see description of duties for group)	
Carpenter tender	Laborer	Group 1
Carpet installation on floors and other surfaces	Soft Floor Layer	
Carry deck, Spider Crane, and similar types crane operator	Power Equipment Operator	Group 4
Cast in place pipe laying machine	Power Equipment Operator	Group 5

PROPOSED

Description	Occupation Title and Designation (Subtitle or Grp. #)	
Cast on-site and concrete panels installation	Carpenter	Group 1
Cast on-site and concrete panels installation (bridge/highway)	Bridge and Highway Carpenter	
Cat drill operator (John Henry)	Power Equipment Operator	Group 4
Catwalks (metal) fabrication and installation	Ironworker	
Caulking (generally)	Trade to which caulking is incidental	
Caulking dry-vit joints	Cement Mason	Grps 1, 3
Caulking joints in cement masonry	Cement Mason	Group 1
Ceiling insulator (irritating)	Carpenter	Group 2
Ceiling insulator (non-irritating)	Carpenter	Group 1
Ceiling tile installer (acoustical)	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 2
Cell tower erection and repair (metal)	Ironworker	
Cement block dry stack (retaining wall)	Laborer	Group 1
Cement block laying, cutting, and installing (with mortar)	Bricklayer/Stonemason	
Cement finishing	Cement Mason	Group 1
Cement hog operator	Power Equipment Operator	Group 6
Cement mason	Cement Mason	
Cement mason while working on suspended, swinging and/or hanging scaffold	Cement Mason	Group 3
Cement plaster application to interior or exterior walls	Plasterer and Stucco Mason	
Cement pump operator	Power Equipment Operator	Group 5
Chain link fencing around highways, industrial and commercial sites	Fence Erector (Metal)	
Chainmen (survey crew) if duties are primarily manual—stake setting	Laborer	Group 2
Challenger operator	Power Equipment Operator	Group 4
Change-house man	Laborer	Group 1
Cherry picker or similar crane hoist 5 tons or less	Power Equipment Operator	Group 5
Chicago boom and similar type crane, operator	Power Equipment Operator	Group 4
Chip spreading machine operator	Power Equipment Operator	Group 5
Chipper operator (with 2-4 inch log diameter capability) (Pittsburg or similar types)	Laborer	Group 1
Chippers operator	Power Equipment Operator	Group 4
Chipping gun operator	Laborer	Group 1
Choker setter	Laborer	Group 1
Choker splicer	Laborer	Group 1
Chuck tenders, nippers, timberman (Tunnel)	Laborer	Group 3
Churn drill and earth boring machine operator	Power Equipment Operator	Group 5
Clamshell operator, 3 cu. yds., but less than 5 cu. yds.	Power Equipment Operator	Group 3
Clamshell operator, 5 cu. yds. and over	Power Equipment Operator	Group 2
Clary power spreader and similar types of spreaders	Laborer	Group 1
Clean and repair duct work	Sheet Metal Worker	
Cleaning brick/block	Bricklayer/Stonemason	
Clean-up laborer (construction site clean-up)	Laborer	Group 1
Clean-up laborer (inside the building after construction has been completed)	Laborer	Group 4
Clean-up nozzleman – green cutter (concrete, rock, etc.)	Laborer	Group 1
Clip applicator operator (Rail)	Power Equipment Operator	Group 5
CO-2, Cardox, dry chem. systems, foam, etc. for fire control installation	Sprinkler Fitter	
Coffin or tugger type hoist operator	Power Equipment Operator	Group 6
Combination guardrail machine operator (i.e., punch, auger, etc)	Power Equipment Operator	Group 4
Combination heavy duty mechanic-welder (when required to do both)	Power Equipment Operator	Group 4
Combination mixer and compressor operator, Concrete, Gunite work	Power Equipment Operator	Group 5
Communication systems technician	Limited Energy Electrician	
Compactor, multi-engine	Power Equipment Operator	Group 4
Compactor, robotic	Power Equipment Operator	Group 4

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Compactor, self-propelled, without blade	Power Equipment Operator	Group 5
Compactor, with blade, self-propelled	Power Equipment Operator	Group 4
Composition roofing installation	Roofer	
Compressor (any power), 1,250 cu. ft. and over total capacity	Power Equipment Operator	Group 5
Compressor (any power), under 1,250 cu. ft. total capacity	Power Equipment Operator	Group 6
Computer/data cable installation	Limited Energy Electrician	
Concrete breaker operator	Power Equipment Operator	Group 4
Concrete buggy drivers (power operated)	Truck Driver	Group 1
Concrete canal liner operator	Power Equipment Operator	Group 2
Concrete curing	Laborer	Group 1
Concrete curing machine operator (riding type)	Power Equipment Operator	Group 6
Concrete diamond head profiler	Power Equipment Operator	Group 2
Concrete finishing (slabs and walls or any concrete surface)	Cement Mason	Group 1
Concrete form building/setting for work in building piles	Piledriver	
Concrete form installing and removing (over 18 inches high) (except those used for bridges and highways and/or piles)	Carpenter	Group 1
Concrete form installing and removing (to 18 inches high)	Cement Mason	Group 1
Concrete form installing and removing for bridges and highways	Bridge and Highway Carpenter	
Concrete form stripping and repairing of reusable forms used in the building of bridges and highways (not piles)	Bridge and Highway Carpenter	
Concrete grinding done as preparatory to patching or to finish concrete	Cement Mason	Group 2
Concrete laborer	Laborer	Group 1
Concrete pouring and form removal if disposable	Laborer	Group 1
Concrete power trowel operator to perform cement mason duties	Cement Mason	Group 2
Concrete pump nozzleman	Laborer	Group 3
Concrete pump truck driver	Truck Driver	Group 1
Concrete saw operator (hand held)	Laborer	Group 3
Concrete saw operator (walk behind)	Power Equipment Operator	Group 6
Concrete self-propelled buggyman	Laborer	Group 1
Concrete testing – for weight, consistency and need for epoxy technician	Not covered by PWR	
Concrete, automatic slip form paver	Power Equipment Operator	Group 2
Concrete, batch plant and/or wet mix, 1 and 2 drum	Power Equipment Operator	Group 2
Concrete, batch plant and/or wet mix, 3 units or more	Power Equipment Operator	Group 1
Concrete, batch plant quality control operator	Power Equipment Operator	Group 5
Concrete, combination mixer and compressor operator, Gunite work	Power Equipment Operator	Group 5
Concrete, curb machine, Mechanical berm, Curb and/or curb gutter	Power Equipment Operator	Group 5
Concrete, finishing machine operator	Power Equipment Operator	Group 5
Concrete, grout plant operator	Power Equipment Operator	Group 4
Concrete, grouting machine operator	Power Equipment Operator	Group 5
Concrete, internal full slab vibrator operator	Power Equipment Operator	Group 5
Concrete, joint machine operator	Power Equipment Operator	Group 5
Concrete, mixer mobile operator	Power Equipment Operator	Group 4
Concrete, mixer operator, single drum any capacity	Power Equipment Operator	Group 5
Concrete, paving machine operator, 8 ft. and less	Power Equipment Operator	Group 5
Concrete, paving road mixer operator	Power Equipment Operator	Group 4
Concrete, placing boom operator	Power Equipment Operator	Group 5
Concrete, planer operator	Power Equipment Operator	Group 5
Concrete, pump operator	Power Equipment Operator	Group 5
Concrete, pump truck operator	Power Equipment Operator	Group 5
Concrete, pumpcrete operator (any type)	Power Equipment Operator	Group 5
Concrete, reinforced tank banding machine operator	Power Equipment Operator	Group 4
Concrete, slip form paver, automatic	Power Equipment Operator	Group 2
Concrete, slip form pumps, power driven hydraulic lifting devices for concrete forms	Power Equipment Operator	Group 5

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Concrete, spreader operator	Power Equipment Operator	Group 5
Concrete, telebelt operator	Power Equipment Operator	Group 5
Concrete, tower mobile operator	Power Equipment Operator	Group 5
Concrete, treated base roller operator, oiling	Power Equipment Operator	Group 5
Conduit (electrical) installation	Electrician	
Conduit installation – underground, plastic in high tension enclosure	Line Constructor	Group 4
Confined space (hole) watch	Laborer	Group 4
Construction Site Survey Crew	See duty being performed; i.e. tripod-mounted levels, lasers, rodman, stake chaser, stake setter, etc.	
Conveyor assembly/repair	Millwright	Group 1
Conveyor operator or assistant	Power Equipment Operator	Group 6
Conveyored material hauler	Power Equipment Operator	Group 5
Cooler installer – walk-in – refrigerated (refrigeration unit)	Plumber/Pipefitter/Steamfitter	
Cooler installer – walk-in – refrigerated (structure and panel)	Sheet Metal Worker	
Core Drilling	Trade to which core drilling is incidental or Laborer Group 3	
Crane, under 50 tons	Power Equipment Operator	Group 4
Crane, 50 through 89 tons with 150 foot boom or less	Power Equipment Operator	Group 3
Crane, 50 through 89 tons with over 150 foot boom	Power Equipment Operator	Group 2
Crane, 90 through 199 tons, up to and including 200 ft. of boom	Power Equipment Operator	Group 2
Crane, 90 through 199 tons, with over 200 ft. boom	Power Equipment Operator	Group 1
Crane, 200 through 299 tons, with 200 ft. boom or less	Power Equipment Operator	Group 1
Crane, 200 through 299 tons, with over two hundred foot boom	Power Equipment Operator	Group 1A
Crane, 300 through 399 tons	Power Equipment Operator	Group 1A
Crane, 300 through 399 tons, with over 200 foot boom	Power Equipment Operator	Group 1B
Crane, 400 tons and over	Power Equipment Operator	Group 1B
Crane, boom truck, 20 ton and under 50 ton	Power Equipment Operator	Group 4
Crane, boom truck, 50 ton and over with less than 150 boom	Power Equipment Operator	Group 3
Crane, boom truck, 50 ton and with 150 foot boom and over	Power Equipment Operator	Group 2
Crane, boom truck, under 20 tons	Power Equipment Operator	Group 5
Crane, boom type lifting device, 5 tons capacity or less	Power Equipment Operator	Group 5
Crane, Bridge Locomotive, Gantry, Overhead	Power Equipment Operator	Group 4
Crane, Cableway, 25 tons and over	Power Equipment Operator	Group 2
Crane, Carry deck, Spider Crane, and similar types operator	Power Equipment Operator	Group 4
Crane, Chicago boom and similar type operator	Power Equipment Operator	Group 4
Crane, Derrick operator, under 100 ton	Power Equipment Operator	Group 4
Crane, floating clamshell, 3 cu. yds. and over	Power Equipment Operator	Group 2
Crane, floating clamshell, etc., under 3 cu. yds. or less than 30 tons	Power Equipment Operator	Group 4
Crane, floating, (derrick barge), 30 tons, but less than 150 tons	Power Equipment Operator	Group 2
Crane, floating, 150 tons, but less than 250 tons	Power Equipment Operator	Group 1
Crane, floating, 250 tons and over	Power Equipment Operator	Group 1A
Crane, floating, 350 tons and over	Power Equipment Operator	Group 1B
Crane, quick tower under 100 foot in height and less than 150 foot jib	Power Equipment Operator	Group 4
Crane, quick tower, 100 foot and over in height and 150 foot and over jib	Power Equipment Operator	Group 3
Crane, shovel, dragline or clamshell, 3 cu. yds., but less than 5 cu. yds.	Power Equipment Operator	Group 3
Crane, tower, on rail system or 2nd tower or more in work radius.	Power Equipment Operator	Group 1A
Crane, tower, with 175 ft. tower or less and with less than 200 ft. jib	Power Equipment Operator	Group 1
Crane, tower, with over 175 ft. tower or over 200 ft. jib.	Power Equipment Operator	Group 1A
Crane, tugger operator	Power Equipment Operator	Group 6
Crane, Whirley, 90 tons and over	Power Equipment Operator	Group 1
Crane, Whirley, under 90 tons	Power Equipment Operator	Group 2
Crusher feederman	Power Equipment Operator	Group 6

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Crusher oiler	Power Equipment Operator	Group 6
Crusher plant operator	Power Equipment Operator	Group 2
Culvert (hand labor)	Laborer	Group 1
Curb and sidewalk form setting (Cement)	Cement Mason	Group 1
Curb machine, Mechanical berm, Curb and/or curb gutter (Concrete)	Power Equipment Operator	Group 5
Curing concrete	Laborer	Group 1
Deckhand	Power Equipment Operator	Group 6
Decking (metal) for concrete slab placement (only where metal decking will be removed after concrete pour)	Carpenter	Group 1
Decorative plasterer	Plasterer and Stucco Mason	
Demolition, wrecking and removal of materials to be scrapped, including charred materials	Laborer	Group 1
Derrick operator, under 100 tons	Power Equipment Operator	Group 4
Diesel-electric engineer (plant or floating)	Power Equipment Operator	Group 4
Directional drill operator less than 20,000 lbs. pullback	Power Equipment Operator	Group 5
Directional drill operator over 20,000 lbs. pullback	Power Equipment Operator	Group 4
Directional locator, Drill	Power Equipment Operator	Group 6
Distribution line installation for oil and gas lines	Plumber/Pipefitter/Steamfitter	
Diver	Diver	
Diver's tender	Divers' Tender	
Dock builder	Piledriver	
Door installing, automatic (excluding wiring) in non-prefabricated metal buildings	Carpenter	Group 1
Door installing, automatic pedestrian access door, glass	Glazier	
Door installing, overhead garage, residential (excluding wiring)	Carpenter	Group 1
Door installing, steel door into concrete opening	Carpenter Group 1, or Ironworker	
Doping and wrapping pipe	Laborer	Group 1
Dozers and pushers, rubber-tired	Power Equipment Operator	Group 4
Dragline operator, 3 cu. yds., but less than 5 cu. yds.	Power Equipment Operator	Group 3
Dragline operator, 5 cu. yds. and over	Power Equipment Operator	Group 2
Dragline operator, under 3 cu. yds. or less than 30 tons	Power Equipment Operator	Group 4
Drainage system installation (within 5 ft. of the bldg. or structure)	Plumber/Pipefitter/Steamfitter	
Dredge onshore pipe tender	Dredger	
Dredge operator (leverman)	Dredger	
Drill assistant	Power Equipment Operator	Group 6
Drill cat operator	Power Equipment Operator	Group 4
Drill doctor and/or bit grinder operator (repairs teeth or cutting surfaces and replaces teeth on larger track/truck mounted machines)	Power Equipment Operator	Group 4
Drill mud mixer operator	Power Equipment Operator	Group 5
Drill operator (air tracks, cat drills, rubber-mounted drills, etc.)	Laborer	Group 2
Drill oscillator operator	Power Equipment Operator	Group 4
Drill, directional locator	Power Equipment Operator	Group 6
Drill, directional type, less than 20,000 lbs. pullback	Power Equipment Operator	Group 5
Drill, directional, over 20,000 lbs. pullback	Power Equipment Operator	Group 4
Driller assistant	Laborer	Group 1
Driller, percussion, diamond, core, cable, rotary and similar types	Power Equipment Operator	Group 4
Dry or Wet mix and Transit mix truck driver - 5 cu. yds. and under	Truck Driver	Group 1
Dry or Wet mix and Transit mix truck driver - over 11 cu. yds. and including 15 cu. yds.	Truck Driver	Group 4
Dry or Wet mix and Transit mix truck driver - over 5 cu. yds. and including 7 cu. yds.	Truck Driver	Group 2
Dry or Wet mix and Transit mix truck driver - over 7 cu. yds. and including 11 cu. yds.	Truck Driver	Group 3
Dry packing (cement)	Cement Mason	Group 1
Dry pre-batch concrete mix trucks	Truck Driver	Group 6
Dry-shack man	Laborer	Group 1

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Dry-vit siding applicator	Plasterer and Stucco Mason	
Drywall applicator	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 1
Drywall Taper	Drywall Taper	
Ductwork; install, clean and repair	Sheet Metal Worker	
Dump truck articulated dump driver 6 to 10 cu. yds.	Truck Driver (See also PEO Group 5)	Group 2
Dump truck articulated dump driver under 6 cu. yds.	Truck Driver (See also PEO Group 5)	Group 1
Dump truck driver, side, end and bottom dumps over 10 and including 30 cu. yds. (Includes articulated dump trucks)	Truck Driver (See also PEO Group 5)	Group 3
Dump truck driver, side, end and bottom dumps over 30 and including 50 cu. yds. (Includes articulated dump trucks)	Truck Driver (See also PEO Group 5)	Group 4
Dump truck driver, side, end and bottom dumps over 50 and including 60 cu. yds. (Includes articulated dump trucks)	Truck Driver (See also PEO Group 5)	Group 5
Dump truck driver, side, end and bottom dumps over 60 and including 80 cu. yds. (Includes articulated dump trucks)	Truck Driver (See also PEO Group 5)	Group 6
Dump truck driver, side, end and bottom dumps over 80 and including one hundred cu. yds. (Includes articulated dump trucks)	Truck Driver (See also PEO Group 5)	Group 7
Dump truck driver, side, end and bottom dumps up to and including 10 cu. yds.	Truck Driver	Group 1
Dumper, road oiling crew	Laborer	Group 1
Dumpman for grading crew	Laborer	Group 1
Dumpster or similar equipment driver (all sizes)	Truck Driver	Group 2
Earth boring machine operator	Power Equipment Operator	Group 5
Earth moving equipment – remote controlled	Power Equipment Operator	Group 2
Elastomeric and elastoplastic coating applied to roofs	Roofer	
Electrical substation installation	Line Constructor	Group 2
Electrical substation, work inside enclosure	Line Constructor	Group 2
Electrician	Electrician	
Electronic measuring devices, transits, tripod-mounted levels, lasers, electrotape, theodolites, or total station used in construction site survey crew	Power Equipment Operator	Group 2
Electrostatic spray painting	Painter	
Electrotape, transits, tripod-mounted levels, lasers, electronic measuring devices, theodolites, or total station used in construction site survey crew	Power Equipment Operator	Group 2
Elevating grader operator	Power Equipment Operator	Group 4
Elevating grader operator, tractor towed requiring operator or grader	Power Equipment Operator	Group 5
Elevating loader operator, any type	Power Equipment Operator	Group 5
Elevator construction (installation and mechanics)	Elevator Constructor, Installer and Mechanic	
Elevator feeder	Laborer	Group 1
Elevator mechanic	Elevator Constructor, Installer and Mechanic	
Elevator operator to move personnel or materials	Power Equipment Operator	Group 5
End pointing (Cement)	Cement Mason	Group 1
Epoxy coating on floors and walls w/quartz color granules embedded	With trowel – Cement Mason Group 2; With brush or roller - Painter	
Epoxy topping installation	Cement Mason	Group 2
Erosion control specialist (certified)	Laborer	Group 1
Escalator construction (installation and mechanics)	Elevator Constructor, Installer and Mechanic	
Excavator operator over 130,000 lbs.	Power Equipment Operator	Group 2
Excavator operator over 20,000 lbs. through 85,000 lbs.	Power Equipment Operator	Group 4
Excavator operator over 85,000 lbs. through 130,000 lbs.	Power Equipment Operator	Group 3
Excavator operator under 20,000 lbs.	Power Equipment Operator	Group 5
Expanded metal lath installation	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 2
Extrusion machine operator (Asphalt)	Power Equipment Operator	Group 5
Falsework erection and removal of heavy timber or pile false work	Piledriver	

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Falsework erection and removal used to perform work under the "Bridge and Highway Carpenter" classification (not piles) (See "Ironworker" for the erection and removal of temporary support used to perform work under that classification.)	Bridge and Highway Carpenter	
Fence constructor (not metal)	Fence Constructor (Non-metal), Laborer Group 1	
Fence erector (metal)	Fence Erector (Metal)	
Fence made of ornamental metal	Ironworker	
Fiber optics cable installation	Limited Energy Electrician	
Filing and storage equipment installation (high density)	Carpenter	Group 1
Fill equipment operator (Dredging)	Dredger	
Filling bolt holes (Cement)	Cement Mason	Group 1
Fine grader	Laborer	Group 1
Finishing machine operator (Concrete)	Power Equipment Operator	Group 5
Fire control overhead and underground water main installation	Sprinkler Fitter	
Fire control sprinkler system installation (not steam)	Sprinkler Fitter	
Fire Guard – trucks	Truck Driver	Group 4
Fire hydrant and hydrant main installation in connection with fire sprinkler systems	Sprinkler Fitter	
Fire proofing (sprayed) with plaster materials, fiberglass, or other similar material	Plasterer and Stucco Mason	
Fire protection and fire control system installation (excluding steam)	Sprinkler Fitter	
Fire protection systems installation (steam type)	Plumber/Pipefitter/Steamfitter	
Fire stopping materials (installing on mechanical systems)	Asbestos Worker/Insulator	
Fire watch (watching for sparks when welding is done)	Laborer	Group 4
Fireman (Dredging)	Dredger	
Fireplace construction	Bricklayer/Stonemason	
Flagging traffic	Laborer	Group 1
Flaherty spreader driver or leverman	Truck Driver	Group 2
Floating clamshell crane, 3 cu. yds. and over	Power Equipment Operator	Group 2
Floating clamshell, etc., under 3 cu. yds. or less than 30 tons	Power Equipment Operator	Group 4
Floating crane operator (derrick barge) less than 30 tons	Power Equipment Operator	Group 4
Floating crane operator (derrick barge), 30 tons but less than 150 tons	Power Equipment Operator	Group 2
Floating crane operator, 150 tons but less than 250 tons	Power Equipment Operator	Group 1
Floating crane operator, 250 tons and over	Power Equipment Operator	Group 1A
Floating crane operator, 350 tons and over	Power Equipment Operator	Group 1B
Floating pump (Dredging)	Dredger	
Floor covering (soft tile, linoleum, carpet) installer	Soft Floor Layer	
Floor finisher - seamless epoxy or resinous topping to concrete surface	Cement Mason	Group 2
Floor finishers (hardwood floors)	Carpenter	Group 2
Floor layers (sub-floors and hardwood floors)	Carpenter	Group 2
Form building/installing (except those used for bridges and highways and/or piles)	Carpenter	Group 1
Form building/installing for curbs, gutters and sidewalks (to 18 inches)	Cement Mason	Group 1
Form building/setting for concrete work in bridges and highways (not piles)	Bridge And Highway Carpenter	
Form building/setting for concrete work in constructing piles	Piledriver	
Form building/setting for pre-cast concrete used in bridges and highways (not piles)	Bridge And Highway Carpenter	
Form building/setting for pre-cast concrete used in constructing piles	Piledriver	
Form cleaning and prepping of reusable forms	Laborer	Group 1
Form stripper of non-reusable material (not swinging stages)	Laborer	Group 1
Form stripper of reusable form material (except for bridges and highways)	Carpenter	Group 1

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Form stripping and repair of reusable forms used in bridges and highways (not piles)	Bridge And Highway Carpenter	
Form stripping and repair of reusable forms used in constructing piles	Piledriver	
Framer	Carpenter	Group 1
Framing for drywall or wetwall non-bearing partitions (steel or wood)	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 2
Framing with steel studs (in metal building or structure)	Ironworker	
Framing with steel studs (non-metal building or structure)	Carpenter	Group 1
French drain installation to maximum depth of 3 feet below finish grade	Landscape Laborer/Technician (Laborer Group 5)	
Front end and overhead loader operator, 25,000 and less than 60,000 lbs.	Power Equipment Operator	Group 4
Fuel truck driver	Truck Driver	Group 1
Furnace casings, install, repair and alter	Sheet Metal Worker	
Furnace, line boilers or fire resistant structures with brick or stone	Bricklayer/Stonemason	
Furniture installation (free standing) and moving	Laborer	Group 1
Furniture installation when attached to floors, ceilings and walls	Carpenter	Group 1
Gas pipe for furnace installation	Plumber/Pipefitter/Steamfitter	
General laborer	Laborer	Group 1
Generator operator	Power Equipment Operator	Group 4
Glass installation (Glaziers are not supported by Laborers)	Glazier	
Glass ridge on building top (installation of sheet metal and steel framing)	Sheet Metal Worker	
Glass ridge on building top using aluminum frame	Glazier	
Glass ridge on building top using sheet metal and steel frames	Glazier for glass only (see above for frame)	
Grade checker	Laborer	Group 3
Grade checker operator, and/or oiler	Power Equipment Operator	Group 6
Grade checker when on a survey crew	Laborer 3 or Power Equipment Operator Group 6	
Grade setter on construction survey crew	Laborer	Group 2
Grade setter operator – layout from plans (construction survey crew)	Power Equipment Operator	Group 4
Grade-all operator	Power Equipment Operator	Group 4
Granite setter	Marble Setter	
Greaser, service oiler	Power Equipment Operator	Group 5
Green cutter (concrete, rock, etc.)	Laborer	Group 1
Grizzley operator (crusher)	Power Equipment Operator	Group 4
Grooving machine and/or pavement grinder (riding type)	Power Equipment Operator	Group 5
Groundman (Line Construction)	Line Constructor	Group 6
Grout plant operator (Concrete)	Power Equipment Operator	Group 4
Grouting (Cement)	Cement Mason	Group 1
Grouting machine operator (Concrete)	Power Equipment Operator	Group 5
Guardrail machines, punch and auger operator (all types)	Power Equipment Operator	Group 4
Guardrail punch oiler	Power Equipment Operator	Group 6
Guardrail, median rail installer/repairer (ref. post, guide post, or right of way marker)	Laborer	Group 1
Gunite nozzleman	Laborer	Group 3
Gunite nozzleman tender	Laborer	Group 1
Gunite or sand blasting pot tender	Laborer	Group 1
Gutter (rain) and down spouts, install, repair and alter	Sheet Metal Worker	
Gym seating – installing folding, steel-framed bleacher seating	Carpenter Group 1 or Ironworker	
Gypsum lath board installation	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 1
Hammer operator (Piledriver)	Power Equipment Operator	Group 4
Hand chipping (Cement)	Cement Mason	Group 1
Hand rails – metal – installation	Ironworker (Laborer does not tend)	
Handler/mixer (of irritating materials including cement and lime)	Laborer	Group 1
Heat and frost insulator	Asbestos Worker/Insulator	

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Heat pump installer (refrigeration lines)	Plumber/Pipefitter/Steamfitter	
Heating system (air) assemblies - duct work – install, clean, repair and alter	Sheet Metal Worker	
Heating system (air) assemblies - duct work – test and balance	Testing, Adjusting and Balancing (TAB) Technician	
Heating system installer (water or steam)	Plumber/Pipefitter/Steamfitter	
Heating system test and balance (water or steam)	Testing, Adjusting and Balancing (TAB) Technician	
Heavy duty mechanic-welder, when required to do both	Power Equipment Operator	Group 4
Heavy duty repairman assistant	Power Equipment Operator	Group 6
Heavy duty welder-mechanic, when required to do both	Power Equipment Operator	Group 4
Heavy equipment robotics operator or mechanic	Power Equipment Operator	Group 2
Heavy line equipment man	Line Constructor	Group 2
Helicopter hoist operator	Power Equipment Operator	Group 5
Helicopter operator (when used in erecting work)	Power Equipment Operator	Group 1
High rail self-loader truck operator (Rail)	Power Equipment Operator	Group 5
High scaler, stripper, driller (work under extreme conditions)	Laborer	Group 2
High tension transformer, nitrogen pressure system installation	Line Constructor	Group 1
High voltage distribution system installation	Line Constructor	Group 1
High voltage line installation	Line Constructor	Group 1
Highway centerline painting traffic control car driver	Truck Driver	Group 1
Highway centerline reflector bumps – epoxy in place	Highway and Parking Striper	
Highway flagging - cone and barrier placement	Laborer	Group 1
Highway line painting	Highway and Parking Striper	
Highway tabbing – temporary lane marker placement	Highway and Parking Striper	
Hod carrier for bricklayer and stone mason	Tender to Mason Trades (Brick and Stonemason, Mortar Mixer, Hod Carrier)	
Hoist operator single drum	Power Equipment Operator	Group 5
Hoist operator two or more drums	Power Equipment Operator	Group 4
Hoist operator, Stiff Leg, Guy Derrick, or similar, 50 tons and over	Power Equipment Operator	Group 4
Hub (stake) chaser (for survey crew)	Laborer	Group 2
Hub (stake) setter (for survey crew)	Laborer	Group 2
HVAC (heating, ventilation, air conditioning) assemblies - duct work – install, repair and alter	Sheet Metal Worker	
HVAC freon removal and collection	Plumber/Pipefitter/Steamfitter	
HVAC system duct installation, clean, repair and alter	Sheet Metal Worker	
HVAC system repair or alteration of piping	Plumber/Pipefitter/Steamfitter	
HVAC system repair or alternation of duct work	Sheet Metal Worker	
HVAC system testing and balancing	Testing, Adjusting and Balancing (TAB) Technician	
Hydra hammer or similar type (pipeline – sewer water)	Power Equipment Operator	Group 5
Hydraulic backhoe operator, power line construction	Line Constructor	Group 4
Hydraulic backhoe operator, track type, up to and including 20,000 lbs.	Power Equipment Operator	Group 5
Hydraulic backhoe operator, wheel type any make	Power Equipment Operator	Group 5
Hydraulic boom truck operator, Pittman	Power Equipment Operator	Group 5
Hydraulic pipe press operator	Power Equipment Operator	Group 6
Hydro axe operator (loader mounted or similar type)	Power Equipment Operator	Group 4
Hydrographic seeder machine, straw, pulp or seed	Power Equipment Operator	Group 6
Hydrostatic pump operator	Power Equipment Operator	Group 6
Industrial lift truck (mechanical tailgate)	Truck Driver	Group 7
Industrial process piping systems	Plumber/Pipefitter/Steamfitter	
Inside wire man	Electrician	
Insulation, gluing to sheet metal siding prior to screwing to frame	Sheet Metal Worker	
Insulation, handling done at the disposal site	Laborer	Group 2
Insulation, handling of already removed, bagged and tagged material	Laborer	Group 2
Insulation, installing (irritating) in walls, ceilings, floors, etc.	Carpenter	Group 2

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Insulation, installing (non-irritating) in walls, ceilings, floors, etc.	Carpenter	Group 1
Insulation, installing foam tubes on water pipes	Asbestos Worker/Insulator	
Insulation, installing on mechanical systems	Asbestos Worker/Insulator	
Insulation, pouring into cavities in block walls – i.e. solar stone	Bricklayer/Stonemason, Carpenters Grp 1, Cement Mason Grp 1,	
Insulation, removal from mechanical systems NOT to be scrapped	Hazardous Material Handler	
Insulation, removal from systems which ARE to be scrapped	Laborer	Group 2
Insulation, removal from walls, ceilings, floors, etc.	Laborer	Group 2
Internal full slab vibrator operator (Concrete)	Power Equipment Operator	Group 5
Irrigation system installer	Landscape Laborer/Technician (Laborer Group 5)	
Jack operator, elevating barges, barge operator, self-unloading	Power Equipment Operator	Group 4
Jackhammer man (Line Construction)	Line Constructor	Group 5
Jackhammer operator	Laborer	Group 1
John Henry Cat drill operator	Power Equipment Operator	Group 4
Joint concrete surfaces, including expansion, control, or decorative	Cement Mason	Group 1
Joint machine operator (Concrete)	Power Equipment Operator	Group 5
Laminate (plastic) on floors, walls, and cabinets	Soft Floor Layer	
Laminate (wood) floor covering installer	Soft Floor Layer	
Landscaping or planting laborer	Landscape Laborer/Technician (Laborer Group 5)	
Laser beam (pipe laying applicable when assigned to move, set up, align)	Laborer	Group 3
Laser beam (tunnel applicable when assigned to move, set up, align)	Laborer	Group 3
Laser screed operator	Power Equipment Operator	Group 5
Lasers, transits, tripod-mounted levels, electrotape, electronic measuring devices, theodolites, or total station used in construction site survey crew	Power Equipment Operator	Group 2
Lath (wooden, metal or rockboard) installation to interior walls and ceilings	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 2
Lather	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 2
Laying and connecting pipe for landscaping sprinkler system	Landscape Laborer/Technician (Laborer Group 5) or Plumber	
Lead paint encapsulating – cover with new sheet rock	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 1
Lead paint removal – scraping for repaint	Painters	
Levels (tripod-mounted), transits, lasers, electrotape, electronic measuring devices, theodolites, or total station used in construction site survey crew	Power Equipment Operator	Group 2
Leverman (Dredging)	Dredger	
Leverman or aggregate spreader (Flaherty or similar types)	Laborer	Group 1
Lift jitney driver	Truck Driver	Group 1
Lift slab machine operator	Power Equipment Operator	Group 4
Light fixture/bulb install or change	Electrician	
Lighting Maintenance or Lighting Technician	Electrician	
Lime spreader operator, construction site	Power Equipment Operator	Group 5
Line equipment man	Line Constructor	Group 4
Line equipment mechanic	Line Constructor	Group 4
Lineman	Line Constructor	Group 2
Linoleum floor covering installer	Soft Floor Layer	
Loader operator, 120,000 lbs. and above	Power Equipment Operator	Group 2
Loader operator, 60,000 lbs. and less than 120,000 lbs.	Power Equipment Operator	Group 3
Loader operator, front end and overhead, 25,000 and less than 60,000 lbs.	Power Equipment Operator	Group 4
Loader operator, rubber-tired type, less than 25,000 lbs.	Power Equipment Operator	Group 5
Loading spotter	Laborer	Group 1
Locomotive operator, 40 tons and over (Rail)	Power Equipment Operator	Group 5

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Locomotive, dinkey operator (Tunnel)	Laborer Group 3 or Power Equipment Operator Group 5	
Log skidder operator	Power Equipment Operator	Group 4
Loop installation	Laborer	Group 3
Lo-railer operator (Rail)	Power Equipment Operator	Group 5
Low bed truck driver, flat bed semi-truck and trailer or doubles	Truck Driver	Group 2
Low voltage connections for landscaping lighting and irrigation	Landscape Laborer/Technician (Laborer Group 5)	
Lubrication man (trucks, on site of work)	Truck Driver	Group 1
Lull hi-lift operator (or similar type)	Power Equipment Operator	Group 5
Lumber carrier, driver-straddle carrier, used in loading/unloading and transporting	Truck Driver	Group 2
Machine moving and rigging—to be used for setting steel	Ironworker	
Machine moving, rigging and erecting (heavy manufacturing machinery)	Millwright	Group 1
Machinist	Millwright	
Maginnis internal full slab vibrator operator	Power Equipment Operator	Group 5
Manhole builder	Carpenter Group 1 or Laborer Group 2	
Marble setter (includes granite)	Marble Setter	
Marble setter's tender or helper (mixing, wheeling, handling of material)	Tile, Terrazzo and Marble Finisher	Group 2
Masking in preparation for painting	Painter	
Master environmental maintenance mechanic	Power Equipment Operator	Group 2
Material handler – operator	Power Equipment Operator	Group 6
Material transfer vehicle operator (Shuttle Buggy or similar type) (Asphalt)	Power Equipment Operator	Group 4
Material yard man (including electrical)	Laborer	Group 1
M-brick (sawing)	Tile, Terrazzo and Marble Finisher	Group 1
M-brick (setting)	Tile Setter/Terrazzo Worker: Hard Tile Setter	
Mechanic, heavy duty	Power Equipment Operator	Group 4
Mechanic, heavy equipment robotics	Power Equipment Operator	Group 2
Mechanic, master environmental maintenance	Power Equipment Operator	Group 2
Mechanic, on site of line construction project	Line Constructor	Group 4
Mechanic, truck and truck mechanic assistant	Truck Driver	Group 1
Mechanical berm, Curb machine, Curb and/or curb gutter (Concrete)	Power Equipment Operator	Group 5
Metal (sheet metal) roofing over wood	Sheet Metal Worker	
Metal (sheet metal) siding installed over wood	Sheet Metal Worker	
Metal decking for concrete slab placement (only where metal decking will be removed after concrete pour)	Carpenter	Group 1
Metal decking for concrete slab placement (where metal decking is bolted, welded or becomes permanent member of structure)	Ironworker	
Metal framing installation for walls	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 1
Metal pre-engineered building assembly	Ironworker	
Micro boring tunnel machine operator	Power Equipment Operator	Group 1
Millwright	Millwright	
Millwright/welders	Millwright	Group 2
Mirror installation (glass)	Glazier	
Mixer box operator, C.T.B., dry batch, etc.	Power Equipment Operator	Group 6
Mixer mobile operator (Concrete)	Power Equipment Operator	Group 4
Mixer, single drum any capacity (Concrete)	Power Equipment Operator	Group 5
Mold remediation	Laborer	Group 2
Mortar and grout mixer for tile setters and/or terrazzo workers	Tile, Terrazzo and Marble Finisher	Group 1
Mortar mixers for bricklayers and stone mason	Tender to Mason Trades (Brick and Stonemason, Mortar Mixer, Hod Carrier)	
Mosaic and other ceramic tiles application to any surface	Tile Setter/Terrazzo Worker: Hard Tile Setter	
Motorman (dinky locomotive)	Laborer	Group 3
Motorman (Rail)	Power Equipment Operator	Group 6

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Mucking machine operator (Tunnel)	Power Equipment Operator	Group 4
Mud mixer drill operator	Power Equipment Operator	Group 5
Multi-engine compactor operator	Power Equipment Operator	Group 4
Nailing machine operator	Carpenter	Group 1
Nipper and timberman	Laborer	Group 2
Non-irritating Insulation	Carpenter	Group 1
Nozzleman (Plaster)	Plasterer and Stucco Mason	
Nuclear plant worker—lead shield	Laborer	Group 2
Office systems furniture installation when attached to floor, ceiling or wall	Carpenter	Group 1
Office systems furniture installation when NOT attached to floor, ceiling or wall	Laborer	Group 1
Offroad truck operator, articulated and non-articulated trucks over 40 tons	Power Equipment Operator	Group 5
Oil distributor driver or leverman	Truck Driver	Group 2
Oiler (Assistant to the Operator) (all except service oiler and dredge)	Power Equipment Operator	Group 6
Oiler (Dredging)	Dredger	
Ornamental ironwork installation	Ironworker	
Ornamental plasterer	Plasterer and Stucco Mason	
Outside wire man	Line Constructor	Group 2
Overhead and front end loader operator, 25,000 and less than 60,000 lbs.	Power Equipment Operator	Group 4
Overhead crossings rough carpentry work	Bridge And Highway Carpenter	
Overhead metal door installation (excluding wiring) in a metal building	Ironworker	
Overhead metal door installation (excluding wiring) in a non-metal building	Carpenter Group 1, or Ironworker	
Paint removal in preparation for painting	Painter	
Painting (brush, roller, spray, sandblasting)	Painter	
Painting and preparation for painting	Painter	
Painting stripes/lines on roads and parking lots	Highway and Parking Striper	
Park benches and picnic table assembly	Landscape Laborer/Technician (Laborer Group 5)	
Parts man (tool room)	Power Equipment Operator	Group 6
Party Chief, on construction site survey crew	Power Equipment Operator (Classification and group depends upon the tasks being performed by the Party Chief.)	
Patching (Cement)	Cement Mason	Group 1
Pavement breaker	Laborer	Group 1
Pavement grinder and/or grooving machine operator (riding type)	Power Equipment Operator	Group 5
Paver setting – If buttered with mortar first	Bricklayer/Stonemason	
Paver setting – If set in sand with no mortar	Laborer	Group 1
Paving machine operator, 8 ft. and less (Concrete)	Power Equipment Operator	Group 5
Paving road mixer operator (Concrete)	Power Equipment Operator	Group 4
Pickup truck diver on site of work	Truck Driver	Group 1
Piledriver operator (not crane type)	Power Equipment Operator	Group 4
Piledriver, marine	Piledriver	
Piledriverman (bridge dock and wharf)	Piledriver	
Pilot car driver	Truck Driver	Group 1
Pipe bending machine operator	Power Equipment Operator	Group 4
Pipe cleaning machine operator	Power Equipment Operator	Group 4
Pipe doping and wrapping machine operator	Power Equipment Operator	Group 4
Pipe doping machine operator	Power Equipment Operator	Group 4
Pipe installing (including pipe for gas furnace)	Plumber/Pipefitter/Steamfitter	
Pipe installing for swimming pool	Plumber/Pipefitter/Steamfitter	
Pipe layer (all except landscaping irrigation systems and as noted)	Laborer	Group 3
Pipe layer (all piping for plumbing, water and transmission lines) and all water services from mains to buildings)	Plumber/Pipefitter/Steamfitter	
Pipe layer, landscaping irrigation systems	Landscape Laborer/Technician (Laborer Group 5)	

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Pipe press operator, Hydraulic	Power Equipment Operator	Group 6
Pipe wrapping machine operator	Power Equipment Operator	Group 4
Pipe, cast in place pipe laying machine operator	Power Equipment Operator	Group 5
Piping and tubing installation for fire control systems (not steam)	Sprinkler Fitter	
Pittsburgh Chipper operator or similar types	Laborer	Group 1
Placing boom operator (Concrete)	Power Equipment Operator	Group 5
Planer operator (Concrete)	Power Equipment Operator	Group 5
Plank seating - aluminum – bolting to fittings in concrete	Ironworker	
Plant oiler	Power Equipment Operator	Group 6
Planting (interior – in pots)	Not covered by PWR	
Planting or landscaping laborer	Landscape Laborer/Technician (Laborer Group 5)	
Plaster application to interior or exterior walls and ceilings	Plasterer and Stucco Mason	
Plasterer's tender or helper (mixing, wheeling, handling of materials)	Tender to Plasterer and Stucco Mason	
Plate glass installation	Glazier	
Playground equipment (non-metal) assembly and erection	Landscape Laborer/Technician (Laborer Group 5)	
Playground equipment (steel) assembly and erection	Ironworker	
Plugging (Cement)	Cement Mason	Group 1
Plumbing pipe (Including gas pipe for furnace installation)	Plumber/Pipefitter/Steamfitter	
Pointing, cleaning and caulking of masonry	Bricklayer/Stonemason	
Pole sprayer leadman (Line Construction)	Line Constructor	Group 1
Post hole digger, air, gas or electric	Laborer	Group 1
Post-tensioning cable attachment and work related to tensioning and grouting of cables on site	Ironworker	
Pot rammer operator (pumps)	Power Equipment Operator	Group 5
Powderman	Laborer	Group 2
Powderman (Line Construction)	Line Constructor	Group 5
Powderman assistant	Laborer	Group 1
Power jumbo, setting slip forms, etc. in tunnels	Power Equipment Operator	Group 5
Power saw operator (bucking and falling)	Laborer	Group 2
Power tool operator (dry pack machine, jackhammer, etc.)	Laborer	Group 1
Precast concrete form building/setting for work in building piles	Piledriver	
Precast concrete form stripping and repair of reusable forms used in the building of bridges and highways (not piles)	Bridge And Highway Carpenter	
Pre-fab or pre-manufactured metal building construction	Ironworker	
Pressure blasting over 3000 PSI	Power Equipment Operator	Group 4
Pressure washer	Laborer	Group 1
Pre-stressed cable attachment and work related to tensioning and grouting of cables on site	Ironworker	
Pugmill operator (any type) (Asphalt)	Power Equipment Operator	Group 6
Pulva mixer or similar types	Power Equipment Operator	Group 5
Pump floating (Dredging)	Dredger	
Pump operator (any power)	Power Equipment Operator	Group 6
Pump operator (Concrete)	Power Equipment Operator	Group 5
Pump operator, more than 5 pumps (any size)	Power Equipment Operator	Group 5
Pump truck operator (Concrete)	Power Equipment Operator	Group 5
Pumpcrete nozzleman	Laborer	Group 3
Pumpcrete operator (any type) (Concrete)	Power Equipment Operator	Group 5
Quick tower crane, 100 foot and over in height and 150 foot and over jib	Power Equipment Operator	Group 3
Quick tower crane, under 100 foot in height and less than 150 foot jib	Power Equipment Operator	Group 4
Rail, Ballast compactor, regulator or tamper machine operator	Power Equipment Operator	Group 5
Rail, Ballast tamper multi-purpose operator	Power Equipment Operator	Group 4
Rail, Brakeman, switchman, motorman	Power Equipment Operator	Group 6
Rail, Car mover operator	Power Equipment Operator	Group 5
Rail, Clip applicator operator	Power Equipment Operator	Group 5
Rail, High rail self-loader truck operator	Power Equipment Operator	Group 5

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Rail, Locomotive operator, 40 tons and over	Power Equipment Operator	Group 5
Rail, Lo-railer operator	Power Equipment Operator	Group 5
Rail, Motorman	Power Equipment Operator	Group 6
Rail, Shuttle car operator	Power Equipment Operator	Group 5
Rail, Speedswing operator	Power Equipment Operator	Group 5
Rail, Switchman	Power Equipment Operator	Group 6
Rail, Tamping machine, mechanical, self-propelled operator	Power Equipment Operator	Group 6
Rail, tie spacer operator	Power Equipment Operator	Group 5
Rail, Track liner operator	Power Equipment Operator	Group 5
Railroad track laborer	Laborer	Group 2
Rain gutters and downspouts, install, repair and alter	Sheet Metal Workers	
Raker (Asphalt) (by hand)	Laborer Group 3 or Power Equipment Operator Group 6	
Rebar (carrying, installation, loading and unloading)	Ironworker (Laborer does not tend)	
Rebar placed in masonry units	Bricklayer/Stonemason	
Recycle machine operator (Asphalt)	Power Equipment Operator	Group 4
Refractory brick laying	Bricklayer/Stonemason	
Refrigeration equipment, panels and structures, installation	Sheet Metal Worker	
Refrigeration equipment, systems and piping, installation	Plumber/Pipefitter/Steamfitter	
Refrigeration systems installation	Plumber/Pipefitter/Steamfitter	
Regulator or Tamper machine operator, Ballast compactor (Rail)	Power Equipment Operator	Group 5
Reinforced tank banding machine operator (Concrete)	Power Equipment Operator	Group 4
Reinforcing metal ironwork	Ironworker	
Remote controlled earth moving equipment operator	Power Equipment Operator	Group 2
Resilient floor covering installation	Soft Floor Layer	
Resinous topping installation to concrete floors and surfaces	Cement Mason	Group 2
Retaining wall – cement block dry stack	Laborer	Group 1
Ribbon setter (head)	Laborer	Group 1
Ribbon setter (Including steel forms)	Laborer	Group 1
Rigger for operators	Power Equipment Operator	Group 6
Rigger/Rigging	Trade to which rigging is incidental	
Rip rap man (hand placed)	Laborer	Group 1
Rip rap man (head) - hand-placed	Laborer	Group 1
Road centerline reflector bump epoxying	Highway and Parking Striper	
Road line painting	Highway and Parking Striper	
Road line painting traffic control car driver	Truck Driver	Group 1
Road pump tender	Laborer	Group 1
Robotic compactor operator	Power Equipment Operator	Group 4
Rock hound operator (landscape rake)	Power Equipment Operator	Group 4
Rock spreader (self-propelled or truck mounted)	Power Equipment Operator	Group 5
Rodman (survey crew) If duties are primarily manual	Laborer	Group 2
Roller grading operator (not asphalt)	Power Equipment Operator	Group 6
Roller operator (any asphalt mix)	Power Equipment Operator	Group 5
Roof sheathing removal/reinstall where re-roofing will occur (non-metal)	Roofer	
Roofing removal and clean up where no re-roofing will occur	Laborer	Group 1
Roofing removal where re-roofing will occur	Roofer	
Roofing removal, non-sheet metal, where sheet metal roofing will occur	Roofer or Sheet Metal Worker	
Roofing removal, sheet metal	Sheet Metal Worker or Roofer	
Roofing removal, when at least one new story is to be added	Laborer	Group 1
Roofing, sheet metal on non-metal structure	Sheet Metal Worker	
Roofing, sheet metal on pre-engineered/pre-fab metal structure	Ironworker	
Roto-mill, pavement profiler operator, Asphalt, 8 ft. lateral cut and over	Power Equipment Operator	Group 2
Roto-mill, pavement profiler operator, Asphalt, under 8 ft. lateral cut	Power Equipment Operator	Group 4
Roto-mill, pavement profiler, ground man (Asphalt)	Power Equipment Operator	Group 5
Rubber “safety” floor on cement, sand, etc.	Cement Mason	Group 2

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Rubber-tired dozers and pushers	Power Equipment Operator	Group 4
Rubber-tired loader operator, less than 25,000 lbs.	Power Equipment Operator	Group 5
Rubber-tired scraper operator (all types)	Power Equipment Operator	Group 4
Rubber-tired tractor operator, 50 horsepower flywheel and under	Power Equipment Operator	Group 5
Rubber-tired tractor operator, over 50 horsepower flywheel	Power Equipment Operator	Group 4
Sand blasting (dry)	Laborer	Group 2
Sand blasting (wet)	Laborer	Group 1
Sandblaster in preparation for painting	Painter	
Sandblasting pot tender (wet)	Laborer	Group 1
Sawing (power saw operator, i.e. chain saw)	Laborer	Group 2
Sawing (stationary power saw, i.e. table saw)	Carpenter	Various
Scaffold tender	Laborer	Group 1
Scaffolding (self-propelled)	Incidental to the work performed while on lift	
Scaffolding (self-propelled) operating only, not working from	Power Equipment Operator	Group 6
Scaffolding erecting and removing (not for masons) (under 14 ft. high)	Laborer	Group 1
Scaffolding erecting and removing for masons (any height)	Tender to Mason Trades (Brick and Stonemason, Mortar Mixer, Hod Carrier)	
Scaffolding erecting and removing for plasterers (any height)	Tender to Plasterer and Stucco Mason	
Scaffolding erecting and removing incidental to installing insulation on mechanical systems or asbestos abatement	Asbestos Worker/Insulator	
Scaffolding erecting and removing over 14 ft. high - ON bridges - to be used by two or more trades	Bridge and Highway Carpenter	
Scaffolding erecting and removing over 14 ft. high – to be used by two or more trades (NOT for bridges or bridgework)	Carpenter	Group 1
Scaffolding erecting less than 14 ft. to be used for interior wall, ceiling, or exterior drywall that requires the application of special finishes or textures	Drywall Taper or Laborer Group 1	
Scoring of new concrete to impart an architectural finish as described under Cement Mason Group 1	Cement Mason	Group 2
Scraper operator all types	Power Equipment Operator	Group 4
Screed operator (Asphalt)	Power Equipment Operator	Group 4
Screed setting (Cement)	Cement Mason	Group 1
Seal coating of roads and parking lots	Highway and Parking Striper	
Seats – bolting aluminum plank to concrete	Ironworker	
Seats – installing folding, steel-framed gym seating	Carpenter Group 1 or Ironworker	
Seats – may install on exterior stadium steel frame, SEATS ONLY	Carpenter – (See Ironworker for structural frame)	Group 1
Security system installation	Limited Energy Electrician	
Segment plant (Tunnel)	Power Equipment Operator	Group 4
Separation plant operator (Tunnel)	Power Equipment Operator	Group 4
Service oiler (Greaser)	Power Equipment Operator	Group 5
Sewer inspection – remote control TV equipment operation	Not covered by PWR	
Sewer Inspection – remote equipment – set up, inserting, removing	Laborer	Group 1
Sewer laborer	Laborer	Group 1
Sewer timberman	Laborer	Group 2
Shaef loader operator (Tunnel)	Power Equipment Operator	Group 4
Shake roofing installation	Roofer	
Sheet metal products and equipment - fabricates, assembles, installs and replaces on site	Sheet Metal Worker	
Sheet metal roof to pre-engineered metal building	Ironworker	
Sheet metal roof to wood building	Sheet Metal Worker	
Sheet metal siding to pre-engineered metal building	Ironworker	
Sheet metal siding to wood building	Sheet Metal Worker	
Sheet rock applicator	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 1

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Sheet rock stocking	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 1
Shelving and cabinet installer (wood or metal)	Carpenter	Group 1
Shield operator	Laborer	Group 2
Shield operator (Tunnel)	Power Equipment Operator	Group 4
Shingle roofing installation	Roofer	
Shoring (erect and dismantle [hand labor]) to protect workers in excavations or trenches	Laborer	Group 1
Shovel, dragline, clamshell crane operator under 3 cu. yds.	Power Equipment Operator	Group 4
Shovel, dragline, clamshell operator, 3 cu. yds. but less than 5 cu. yds.	Power Equipment Operator	Group 3
Shovel, dragline, clamshell operator, 5 cu. yds. and over	Power Equipment Operator	Group 2
Shuttle car operator (Rail)	Power Equipment Operator	Group 5
Side-boom operator	Power Equipment Operator	Group 4
Siding applied to buildings (excluding brick/stone, plaster/stucco and sheet metal siding)	Carpenter	Group 1
Siding of brick/stone installed or applied to wood buildings	Bricklayer/Stonemason	
Siding of plaster/stucco installed and/or applied to wood buildings	Plasterer and Stucco Mason	
Siding of sheet metal installed/applied to metal buildings	Ironworker	
Siding of sheet metal installed/applied to non-metal buildings	Sheet Metal Worker	
Sign attaching to interior walls (excluding wiring)	Carpenter	Group 1
Signalman	Laborer	Group 1
Silt fencing (erosion control)	Laborer	Group 1
Skid steer, Bobcat, under 1 yard	Power Equipment Operator	Group 6
Skid truck	Truck Driver	Group 6
Skip loader, drag box operator	Power Equipment Operator	Group 4
Skipman	Laborer	Group 1
Slate roofing installation	Roofer	
Slip form paver, automatic (Concrete)	Power Equipment Operator	Group 2
Slip form pumps, power driven hydraulic lifting devices for concrete forms	Power Equipment Operator	Group 5
Sloper	Laborer	Group 1
Slurry coating of roads and parking lots	Highway and Parking Striper	
Slurry truck driver or leverman	Truck Driver	Group 1
Soft floor layer, material moving and layout	Soft Floor Layer	
Soft tile floor covering installer	Soft Floor Layer	
Solo flat bed and misc. body truck driver (zero to 10 tons)	Truck Driver	Group 1
Speedswing operator (Rail)	Power Equipment Operator	Group 5
Spray painter	Painter	
Sprayman	Laborer	Group 1
Spreader (Clary power spreader and similar types)	Laborer	Group 1
Spreader of aggregate (Flaherty and similar types)	Laborer	Group 1
Spreader operator (Concrete)	Power Equipment Operator	Group 5
Spreader truck-mounted with screed (Asphalt)	Power Equipment Operator	Group 6
Sprinkler fitters	Sprinkler Fitter	
Sprinkler system fire protection installation	Sprinkler Fitter	
Stair lift installation	Elevator Constructor, Installer and Mechanic	
Stairs (metal) on site fabrication and installation	Ironworker	
Stake (hub) chaser (for survey crew)	Laborer	Group 2
Stake (hub) setter (for survey crew)	Laborer	Group 2
Standpipe repair and construction	Boilermaker	
Standpipes and hose connection installation for fire control systems	Sprinkler Fitter	
Stationary drag scraper operator	Power Equipment Operator	Group 4
Stationary power saw operator	Carpenter	Group 1
Stationary steam boilers, construct, assemble, maintain and renovate	Boilermaker	
Steam cleaner	Laborer	Group 1
Steam cleaner or combination driver	Truck Driver	Group 1

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Steel fabrication for steam boilers, boiler house auxiliaries, and vats	Boilermaker	
Stockpiler	Laborer	Group 1
Stone masonry	Bricklayer/Stonemason	
Stone setting to build structures such as piers, walls and abutments	Bricklayer/Stonemason	
Storage – high density filing – storage equipment	Carpenter	Group 1
Storage tank repair and construction	Boilermaker	
Storm water system install (bldg to point of attachment to sewer mains)	Plumber/Pipefitter/Steamfitter	
Structural steel framework erection	Ironworker	
Stucco application to interior or exterior walls	Plasterer and Stucco Mason	
Stump grinder operator (loader mounted or similar type)	Power Equipment Operator	Group 4
Substation, electrical work in enclosure	Line Constructor	Group 2
Subway rough carpentry work	Bridge And Highway Carpenter	
Sun room, installing sheet metal and steel framing	Sheet Metal Worker	
Sun room, using aluminum frame	Glazier does all	
Sun room, using sheet metal and steel frames	Glazier installs glass only	
Sun-control film application to inside of windows	Carpenter	Group 1
Surface heater and planer operator	Power Equipment Operator	Group 4
Survey crew	See duty being performed; i.e. rodman, stake chaser, stake setter, etc.	
Sweeper operator, self propelled on job site	Power Equipment Operator Group 5 or Truck Driver Group 3	
Switchman (Rail)	Power Equipment Operator	Group 6
Synthetic turf installation	Soft Floor Layer	
Tamper	Laborer	Group 1
Tamping machine operator, mechanical self-propelled (Rail)	Power Equipment Operator	Group 6
Tank construction and repair	Boilermaker	
Tank construction, confined entry “hole watcher”	Boilermaker	
Taper (drywall)	Drywall Taper	
Telebelt operator (Concrete)	Power Equipment Operator	Group 5
Telephone cable installation	Limited Energy Electrician	
Television cable installation	Limited Energy Electrician	
Temporary heating plant operator	Power Equipment Operator	Group 6
Temporary support, erection and removal, used to perform work under “Ironworker” classification (not piles) (See “Bridge and Highway Carpenter” for the erection and removal of falsework used to perform work under that classification.)	Ironworker	
Tender for bricklayer and stone mason (mortar mixer)	Tender to Mason Trades (Brick and Stonemason, Mortar Mixer, Hod Carrier)	
Tender for marble setter	Tile, Terrazzo and Marble Finisher	Group 2
Tender for plasterer	Tender to Plasterer and Stucco Mason	
Tender for terrazzo worker	Tile, Terrazzo and Marble Finisher	Group 1
Tender for tile setter	Tile, Terrazzo and Marble Finisher	Group 1
Tenderman (Dredging)	Dredger	
Terra cotta veneer application to face of buildings or structures	Bricklayer/Stonemason	
Terrazzo worker’s tender/helper (mixing, wheeling, handling of material)	Tile, Terrazzo and Marble Finisher	Group 1
Test, adjust and balance air-handling equipment on site of work	Testing, Adjusting and Balancing (TAB) Tech.	
Test, adjust and balance duct work on site of work	Testing, Adjusting and Balancing (TAB) Tech.	
Test, adjust and balance water distribution systems in commercial and industrial bldgs	Testing, Adjusting and Balancing (TAB) Tech.	
Testing and balancing (air systems)	Testing, Adjusting and Balancing (TAB) Technician	
Theater stage/curtain elevator equipment and guides (erecting/installation)	Elevator Constructor, Installer and Mechanic	

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Theodolites, transits, tripod-mounted levels, lasers, electrotape, electronic measuring devices, or total station used in construction site survey crew	Power Equipment Operator	Group 2
Tie back shoring	Laborer	Group 2
Tie spacer operator (Rail)	Power Equipment Operator	Group 5
Tile Installation of all kinds to any surface	Tile Setter/Terrazzo Worker: Hard Tile Setter	
Tile roofing installation	Roofer	
Tile setter's tender/helper (strikes, saws, cleans, and grouts/does not set)	Tile, Terrazzo and Marble Finisher	Group 1
Till, spread and grade topsoil for landscaping purposes	Landscape Laborer/Technician (Laborer Group 5)	
Timber faller/bucker (hand labor) (not related to power line construction)	Laborer	Group 1
Timberman, chuck tenders, nippers (Tunnel)	Laborer	Group 3
Tireman	Truck Driver	Group 1
Toolroom man (job site)	Laborer	Group 1
Total station, transits, tripod-mounted levels, lasers, electrotape, electronic measuring devices, or theodolites, used in construction site survey crew	Power Equipment Operator	Group 2
Tower crane operator on rail system or 2nd tower or more in work radius	Power Equipment Operator	Group 1A
Tower crane operator with 175 ft tower or less and with less than 200 ft jib	Power Equipment Operator	Group 1
Tower crane operator with over 175 ft tower or over 200 ft jib	Power Equipment Operator	Group 1A
Tower tank repair and construction	Boilermaker	
Track liner (anchor machines, ballast regulators, tampers, power jacks)	Laborer	Group 2
Track liner operator (Rail)	Power Equipment Operator	Group 5
Tractor operator, power line construction	Line Constructor	Group 4
Tractor operator, rubber-tired over 50 horsepower flywheel	Power Equipment Operator	Group 4
Tractor operator, rubber-tired, 50 horsepower flywheel and under	Power Equipment Operator	Group 5
Tractor operator, with boom attachments	Power Equipment Operator	Group 4
Traffic control marker attachment to roads and parking lots	Highway and Parking Striper	
Traffic control marker removal from roads and parking lots	Highway and Parking Striper	
Traffic control supervisor (certified)	Laborer	Group 3
Traffic control/flagging	Laborer	Group 1
Transit mix and wet or dry mix truck driver - 5 cu. yds. and under	Truck Driver	Group 1
Transit mix and wet or dry mix truck driver - over 11 cu. yds. and including 15 cu. yds.	Truck Driver	Group 4
Transit mix and wet or dry mix truck driver - over 5 cu. yds. and including 7 cu. yds.	Truck Driver	Group 2
Transit mix and wet or dry mix truck driver - over 7 cu. yds. and including 11 cu. yds.	Truck Driver	Group 3
Transits, tripod-mounted levels, lasers, electrotape, electronic measuring devices, theodolites, or total station used in construction site survey crew	Power Equipment Operator	Group 2
Transmission line installation (for electrical distribution)	Line Constructor	Group 2
Transmission poles or towers - erect and repair (electrical)	Line Constructor	Group 2
Transmission poles or towers (metal) – erect and repair (for non-electrical distribution)	Ironworker	
Treated base roller operator, Oiling (Concrete)	Power Equipment Operator	Group 5
Tree removing, power line construction	Line Constructor	Group 3
Tree trimmer groundman (Line Construction)	Line Constructor	Group 7
Tree trimmer, chain saw, power line construction, close to lines	Line Constructor	Group 3
Trenching for landscaping sprinkler system (with less than 90 horsepower)	Landscape Laborer/Technician (Laborer Group 5)	
Trenching machine oiler	Power Equipment Operator	Group 6
Trenching machine operator, 3 ft. depth and deeper	Power Equipment Operator	Group 4
Trenching machine operator, maximum digging capacity 3 ft. depth	Power Equipment Operator	Group 5

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Trimmer or Auto grader operator	Power Equipment Operator	Group 2
Tripod-mounted levels, transits, lasers, electrotape, electronic measuring devices, theodolites, or total station used in construction site survey crew	Power Equipment Operator	Group 2
Truck, all terrain or track type	Power Equipment Operator	Group 5
Truck, barrel type	Power Equipment Operator	Group 5
Truck, crane oiler-driver 250 tons and over	Power Equipment Operator	Group 4
Truck, crane oiler-driver 100-249 tons	Power Equipment Operator	Group 5
Truck, crane oiler-driver under 100 tons	Power Equipment Operator	Group 6
Truck, heavy haul, specialized transporter, hydraulic, electric or similar	Power Equipment Operator	Group 5
Truck, mechanic and truck mechanic assistant	Truck Driver	Group 1
Truck, off-road trucks, articulated and non-articulated trucks 40 ton and under	Power Equipment Operator	Group 6
Truck, off-road type, articulated and non-articulated over 40 ton	Power Equipment Operator	Group 5
Truck, owner/operator who is an independent contractor	Not covered by PWR	
Truck, vacuum	Power Equipment Operator	Group 5
Truck, water	Power Equipment Operator	Group 5
Truck-mounted asphalt spreader, with screed (Asphalt)	Power Equipment Operator	Group 6
Tub grinder operator (used for wood debris)	Power Equipment Operator	Group 4
Tugger operator	Laborer	Group 2
Tugger, crane operator	Power Equipment Operator	Group 6
Tunnel boring machine mechanic	Power Equipment Operator	Group 4
Tunnel boring machine operator	Power Equipment Operator	Group 1
Tunnel bull gang (above ground)	Laborer	Group 3
Tunnel chuck tenders, nippers, timberman	Laborer	Group 3
Tunnel miner	Laborer	Group 3
Tunnel mucker/brakeman/concrete crew/bull gang (underground)	Laborer	Group 3
Tunnel powderman	Laborer	Group 3
Tunnel, dinkey locomotive operator	Laborer Group 3 or Power Equipment Operator Group 5	
Tunnel, locomotive, dinkey	Laborer Group 3 or Power Equipment Operator Group 5	
Tunnel, micro boring tunnel machine operator	Power Equipment Operator	Group 1
Tunnel, mucking machine operator	Power Equipment Operator	Group 4
Tunnel, power jumbo setting slip form operator	Power Equipment Operator	Group 5
Tunnel, segment plant operator	Power Equipment Operator	Group 4
Tunnel, separation plant operator	Power Equipment Operator	Group 4
Tunnel, shaef loader operator	Power Equipment Operator	Group 4
Tunnel, shield operator	Power Equipment Operator	Group 4
Ultra High pressure water jet cutting tool system operator	Power Equipment Operator	Group 4
Underlayment and moisture barriers for soft floor covering	Soft Floor Layer	
Underpass rough carpentry work	Bridge And Highway Carpenter	
Underwater equipment operator, remote or otherwise when used in construction work	Power Equipment Operator	Group 2
Utility and clean-up truck driver	Truck Driver	Group 3
Vacuum blasting machine operator	Power Equipment Operator	Group 4
Vacuum piping systems installation	Plumber/Pipefitter/Steamfitter	
Vacuum truck driver	Truck Driver	Group 2
Vacuum truck operator	Power Equipment Operator	Group 5
Vat and other large vessels that hold liquids and gases (assembly)	Boilermaker	
Veneer (brick, block, or terra cotta) application to face of buildings or structures.	Bricklayer/Stonemason	
Ventilation assemblies as duct work install, repair and alter	Sheet Metal Worker	
Viaduct rough carpentry work	Bridge And Highway Carpenter	
Vibrating screed	Laborer	Group 3
Vibrators (all)	Laborer	Group 3

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Description	Occupation Title and Designation (Subtitle or Grp. #)	
Wagner Pactor (or similar type self-propelled compactor without blade)	Power Equipment Operator	Group 5
Wall covering (wallpaper) application	Painter	
Wall insulator (irritating)	Carpenter	Group 2
Wall insulator (non-irritating)	Carpenter	Group 1
Wallboard (interior) installation	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 1
Wallboard (sheet rock) stocking	Drywall, Lather, Acoustical Carpenter and Ceiling Installer	Group 1
Water blaster	Laborer	Group 2
Water jet cutting tool system operator (ultra high-pressure)	Power Equipment Operator	Group 4
Water main taping	Plumber/Pipefitter/Steamfitter	
Water pipe insulation with foam tubes	Asbestos Worker/Insulator	
Water proofing application to below grade concrete - when applied with trowel	Cement Mason	Group 2
Water proofing application to below grade concrete (peel & stick method)	Bricklayer/Stonemason	
Water proofing application to concrete block or brick	Bricklayer/Stonemason	
Water proofing application to poured concrete walls or slabs – when applied with trowel	Cement Mason	Group 2
Water proofing application to roofs	Roofer	
Water pulls, Water wagons, operator	Power Equipment Operator	Group 4
Water system installation	Plumber/Pipefitter/Steamfitter	
Water tower assembly, construction and repair	Boilermaker	
Water truck operator	Power Equipment Operator	Group 5
Water wagon driver, 10,000 to 15,000 gallons	Truck Driver	Group 4
Water wagon driver, 3,000 to 5,000 gallons	Truck Driver	Group 2
Water wagon driver, 5,000 to 10,000 gallons	Truck Driver	Group 3
Water wagon driver, up to 3,000 gallons	Truck Driver	Group 1
Weather stripping installation	Carpenter	Group 1
Weigh master	Not covered by PWR	
Weighman, batch	Laborer	Group 1
Weight-man crusher (aggregate when used)	Laborer	Group 1
Welder, heavy duty equipment, certified or not	Power Equipment Operator	Group 4
Welder's assistant – power equipment	Power Equipment Operator	Group 6
Welding	Trade to which welding is incidental	
Welding machine operator	Power Equipment Operator	Group 6
Wet or Dry mix and Transit mix truck driver - 5 cu. yds. and under	Truck Driver	Group 1
Wet or Dry mix and Transit mix truck driver - over 11 cu. yds. and including 15 cu. yds.	Truck Driver	Group 4
Wet or Dry mix and Transit mix truck driver - over 5 cu. yds. and including 7 cu. yds.	Truck Driver	Group 2
Wet or Dry mix and Transit mix truck driver - over 7 cu. yds. and including 11 cu. yds.	Truck Driver	Group 3
Wharf builder	Piledriver	
Wheel excavator operator, any size	Power Equipment Operator	Group 2
Wheelchair lift installation	Elevator Constructor, Installer and Mechanic	
Whirley crane operator, 90 tons and over	Power Equipment Operator	Group 1
Whirley crane operator, under 90 tons	Power Equipment Operator	Group 2
Winch truck driver – takes classification of truck when mounted	Truck Driver	Various
Window coverings (permanently attached)	Carpenter	Group 1
Window frame installation into which glass panels are to be fitted	Glazier	
Window frames and bucks – rough frames in which finished frames are inserted	Carpenter	Group 1
Window glass installation	Glazier	
Window replacing old windows with storm windows frames and all	Glazier	
Window sun-control film application	Carpenter	Group 1
Wire man (inside)	Electrician	
Wire mat or brooming machine operator	Power Equipment Operator	Group 6

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Description	Occupation Title and Designation (Subtitle or Grp. #)
Wood fence builder	Fence Constructor

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