

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*).
- 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*).
- 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 rodmen, chainmen, brush cutters, grade setters, stake (hub) setters, or stake (hub) chasers, see instead “Laborer Group 1.” 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 2” 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 thousand (80,000) 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*).
- 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.
- 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.
- 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 thousand (80,000) 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*).
- 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.

Group 5

- Asphalt, Extrusion Machine.
- Asphalt Roller (*any asphalt mix*).
- Asphalt, Roto-Mill, pavement profiler ground man.
- 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.
- 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, 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.
- 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.
- Truck, Off-road trucks, articulated and non-articulated trucks forty (40) tons and under.
- Welder's Assistant.
- Welding Machine.
- Wire Mat or Brooming Machine.