

Operating Engineer - Equipment Operator Groups

- GROUP 1: Fork Lift (up to and including 10 tons)
Partsman (heavy-duty repair shop parts room when needed)
Repairman Helper
- GROUP 2: Hydraulic Monitor
Conveyor Operator (handling building materials)
Mixer Box Operator (concrete plant)
- GROUP 3: Brakeman**
Deckhand**
Fireman**
Oiler**
Gradechecker**
Signalman**
Switchman**
Highline Cableway Signalman**
Bargeman
Bunkerman
Concrete Curing Machine (self-propelled, automatically-applied unit on streets, highways, airports and canals)
Hy-Ram** (refer to Group 2 wage rate)
Leveeman
Roller (5 tons and under)
Tugger Hoist

*** All of these classifications are "Assistant To Engineer"*

- GROUP 4: Boom Truck or Dual Purpose "A" Frame Truck (5 tons or less)
Concrete Placing Boom (building construction)
Dinky Operator (Assistant to Engineer required)
Elevator Operator
Hoist and/or Winch (one drum)
Straddle Truck (Ross Carrier, Hyster, and similar)
Rodman or Chainman note: (upgraded from Group 3)
- GROUP 5: Asphalt Plant Fireman
Compressors, Pumps, Generators, and Welding Machines ("Bank" of 9 or more, individually or collectively)
Concrete Trailer Pump or Pumpcrete Guns
Lubrication and Service Engineer (grease rack)
Screedman
- GROUP 6: Combination Loader/Backhoe (up to and including 3/4 cu. yd.)
Concrete Batch Plant (wet or dry)
Concrete Cutter, Groover, and/or Grinder (self-propelled unit on streets, highways, airports, and canals)
Concrete Truck Pump Boom or equipment mounted
Conveyor or Concrete Pump (truck or equipment mounted)
Drilling Machinery (not to apply to Waterliners, Wagon Drills, or Jack Hammers) (Assistant to Engineer required)
Fork Lift (over 10 tons)
Hydraulic Backhoe under 1/2 cubic yard
Hydraulic Backhoe Tractor Mounted under 1/2 cubic yard
Loader (up to and including 3-1/2 cu. yds.)
Lull High Lift (under 40 feet)

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GROUP 6 (continued):

Lubrication and Service Engineer (mobile)
 Magginnis Internal Full Slab Vibrator (on airports, highways, canals, and warehouses)
 Man or Material Hoist
 Mechanical Concrete Finisher (large Clary Johnson, Bidwell, Bridge Deck, and similar)
 Mobile Truck Crane Driver
 Portable Shot blast Concrete Cleaning Machine
 Portable Boring Machine (under streets, highways, etc.)
 Portable Crusher
 Power Jumbo Operator (setting slip forms, etc., in tunnels)
 Roller (over 5 tons)
 Self-Propelled Compactor (single engine)
 Self-Propelled Pavement Breaker
 Skidsteer Loader with attachments
 Slip Forms Pump (power-driven by hydraulic, electric, air, gas, etc., lifting device for concrete forms)
 Small Rubber-Tired Tractor
 Spider Excavator
 Trencher (up to and including 6 feet) (Assistant to Engineer required)
 Underbridge Personnel Aerial Platform (50 feet of platform or less)
 Power Sweeper

GROUP 7:

Boom Truck or Dual Purpose "A" Frame Truck (up to and including 17 tons)
 Crusher Plant Engineer
 Dozer (D-4, Case 450, John Deere 450, and similar)
 Dual Drum Mixer
 Extend Lift
 Hoist and/or Winch (2 drums)
 Loader (over 3-1/2 cu. yds. up to and including 6 cu. yds.)
 Mechanical Finisher or Spreader Machine (Asphalt) (Barber Greene and similar) (Screedman required)
 Mine or Shaft Hoist
 Mobile Concrete Mixer (over 5 tons)
 Pipe Bending Machine (pipelines only)
 Pipe Cleaning Machine (tractor propelled and supported)
 Pipe Wrapping Machine (tractor propelled and supported)
 Roller Operator (Asphalt)
 Self-Propelled Elevating Grade Plane
 Slusher Operator
 Speed Swing
 Tractor (with boom) (D-6 or similar)
 Trencher (over 6 feet and less than 200 H.P.) (Assistant to Engineer required)
 Water Tanker (pulled by Euclids, T-pulls, DW-10, 20, 21, or similar)
 Winchman (Stern Winch on dredge)

GROUP 8:

Asphalt Plant Operator
 Barge Mate (seagoing)
 Cast-in-Place Pipe Laying Machine
 Concrete Batch Plant (multiple units)
 Conveyor Operator (tunnel)
 Deck Mate
 Dozer (D-6 and similar)
 Finishing Machine Operator (airports and highways)

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GROUP 8 (continued):

Gradesetter
 Horizontal Directional Drill (HDD) Locator
 Hydraulic Backhoe (over 1/2 cu. yd. up to and including 3/4 cu. yd.) (Assistant to Engineer required)
 Kolman Loader (and similar)
 Mucking Machine (crawler-type)
 Mucking Machine (conveyor-type) (Assistant to Engineer required)
 No-Joint Pipe Laying Machine
 Portable Crushing and Screening Plant
 Power Blade Operator (under 12)
 Saurman Type Dragline (up to including 5 yds.) (Assistant to Engineer required)
 Stationary Pipe Wrapping, Cleaning, and Bending Machine
 Surface Heater and Planer Operator
 Tractor (D-6 and similar)
 Tri-Batch Paver
 Tunnel Badger (Assistant to Engineer required)
 Tunnel Mole and/or Boring Machine Operator
 Underbridge Personnel Aerial Platform (over 50 feet of platform)

GROUP 9: Combination Mixer and Compressor (gunite)
 Do-Mor Loader and Adams Elegrader
 Dozer (D-7 or equal)
 Wheel and/or Ladder Trencher (over 6 feet and 200 to 749 H.P.) (Assistant to Engineer required)

GROUP 9A: Dozer (D-8 or similar)
 Instrument Man (upgraded from Group 7)
 Push Cat
 Scraper (up to and including 20 cu. yds.)
 Self-Propelled Compactor with Dozer
 Self-Propelled, Rubber-Tired Earthmoving Equipment (up to and including 20 cu. yds.) (621B and similar)
 Sheep's Foot
 Tractor with Boom (larger than D-6, and similar)

GROUP 10: Chicago Boom
 Cold Planers
 Heavy Duty Repairman/Welder
 Hoist and/or Winch (3 drums)
 Hydraulic Scooper (Koehring and similar)
 Loader (over 6 cu. yds. up to and including 12 cu. yds.)
 Self-Propelled, Rubber-Tired Earthmoving Equipment (over 20 cu. yds. up to and including 31 cu. yds.) (637D and similar)
 Soil Stabilizer (P&H or equal)
 Sub-Grader (Gurries or other automatic type) (Assistant to Engineer required)
 Tractors (D-9 or similar) (all attachments)
 Tractor (Tandem Scraper)
 Watch Engineer
 Welder-handles all welding incidental to Operator Engineers work

GROUP 10A: Boat Operator
 Boom Truck or Dual Purpose "A" Frame Truck (over 17 tons)

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GROUP 10A (continued):

Cable-Operated Crawler Crane (up to and including 25 tons) (Assistant to Engineer required)
 Cable-Operated Power Shovel, Clamshell, Dragline, and Backhoe (up to and including 1 cu. yd.) (Assistant to Engineer required)
 Gradall (up to and including 1 cu. yd.) (Assistant to Engineer required)
 Gradesetter (When working from drawings, plans or specifications without the direct supervision of a Foreman or Superintendent.)
 Hydraulic Backhoe (over 3/4 cu. yd. up to and including 2 cu. yds.) (Assistant to Engineer required)
 Mobile Truck Crane Operator (up to and including 25 tons) (Mobile Truck Crane Driver required)
 Self-Propelled Boom-Type Lifting Device (center mount) (up to and including 25 tons) (Grove, Drott, P & H, Pettibone, and similar)
 Trencher (over 6 feet and 750 H.P. or more) (Assistant to Engineer required)
 Watch Engineer (steam or electric)

GROUP 11:

Automatic Slip Form Paver (concrete or asphalt) (Gradesetter, Screedman, and Assistant to Engineer required)
 Band Wagon (in conjunction with Wheel Excavator)
 Cable-Operated Crawler Crane (over 25 tons but less than 50 tons) (Assistant to Engineer required)
 Cable-Operated Power Shovel, Clamshell, Dragline, and Backhoe (over 1 cu. yd. up to 7 cu. yds.) (Assistant to Engineer required)
 Chief of Party (upgraded from Group 10)
 Directional Drill Operator
 Dozer D-10 (or similar) (upgraded from Group 10)
 Gradall (over 1 cu. yd. up to 7 cu. yds.) (Assistant to Engineer required)
 DW-10, 20, etc. (Tandem)
 Earthmoving Machine (multiple propulsion power unit and 2 or more scrapers) (up to and including 35 cu. yds. "struck" m.r.c.)
 Highline Cableway
 Hydraulic Backhoe (over 2 cu. yds. up to and including 4 cu. yds.)
 Leverman
 Lift Slab Machine
 Loader (over 12 cu. yds.)
 Master Boat Operator
 Mobile Truck Crane Operator (over 25 tons but less than 50 tons) (Mobile Truck Crane Driver required)
 Pre-Stress Wire Wrapping Machine
 Self-Propelled Boom Type Lifting Device (center mount) (over 25 tons m.r.c.) (Assistant to Engineer required)
 Self-Propelled Compactor (with multiple-propulsion power units)
 Single Engine Rubber-Tired Earthmoving Machine (with Tandem Scraper)
 Tandem Cat
 Trencher (pulling attached shield) (Assistant to Engineer required)

GROUP 12:

Clamshell or Dipper Operator
 Derrick (Assistant to Engineer required)
 Drill Rig (Assistant to Engineer required)
 Heading Shield Operator
 Mucking Machine (rubber tired, rail or track type)
 Multi-Propulsion Earthmoving Machine (2 or more scrapers) (over 35 cu. yds. "struck" m.r.c.)

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GROUP 12 (continued):

- Operators (Derricks, Piledrivers and Cranes)
- Power Shovel and Dragline (7 cu. yds. m.r.c. and over) (Assistant to Engineer required)
(An additional Assistant to Engineer is required if the Shovel or Dragline is electrically powered.)
- Raised Bore Operator (Assistant to Engineer required)
- Road Header Operator
- Self-Propelled, Rubber-Tired Earthmoving Equipment (over 31 cu. yds.) (657B and similar)
- Tunnel Mole Bore Operator (Assistant to Engineer required)
- Wheel Excavator (up to and including 750 cu. yds. per hour) (Assistant to Engineer required)
- Wheel Excavator (over 750 cu. yds. per hour) (2 Operators and 1 Assistant to Engineer is required) (Any additional assistance shall be by an Assistant to Engineer)

GROUP 12A:

- Dozer (D-11 or similar or larger)
- Hydraulic Excavators (over 4 cu. yds.) (Assistant to Engineer required)
- Lifting Cranes (50 tons and over) (Assistant to Engineer required)
- Mounted Truck Crane Operator (over 50 tons) (Mobile Truck Crane Driver required)
- Pioneering Dozer/Backhoe (Initial clearing and excavation for the purpose of providing access for other equipment where the terrain worked involves 1 to 1 slopes that are 50 feet in height or depth. The scope of this work does not include normal clearing and grubbing on usually hilly terrain nor the excavation work once the access is provided.)
- Power Blade Operator (Cat 12 or equivalent or over)
- Straddle Lifts (over 50 tons)
- Tower Crane, Mobile (Assistant to Engineer required)
- Traveling Truss Cranes
- Tunnel Boring Machine Operator – 10 feet and above
- Universal, Liebherr, Linden, and similar types of Tower Cranes (in the erection, dismantling and moving of equipment there shall be an additional Operating Engineer or Heavy Duty Repairman.)
- Yo-Yo Cat or Dozer

GROUP 13: Truck Driver (Utility, Flatbed, etc. Flatbed, etc.)

GROUP 13A: Dump Truck, 8 cu. Yds. & under (water level)
Water Truck (up to and including 2,000 gallons)

GROUP 13B: Water Truck (over 2,000 gallons)
Tandem Dump Truck, over 8 cubic yards (water level)

GROUP 13C: Truck Driver (Semi-trailer, Rock Cans, Semi-Dump or Roll Offs)

GROUP 13D: Truck Driver (Slip-In or Pup)

GROUP 13E: End Dumps, Unlicensed (Euclid, Mack, Caterpillar or similar)
Tractor Trailer (Hauling Equipment) (Assistant to Engineer required when Hydraulic Ramp is not being used)
Tandem Trucks hooked up to Trailer (Hauling Equipment)