

REYNOLDS ELECTRICAL & ENGINEERING CO., INC.
POSITION DESCRIPTION

POSITION TITLE: Crane Operator

JOB CODE : 031505, 036560

DATE PREPARED : July 21, 1992

Revised: December 13, 1993

SUMMARY STATEMENT

The incumbent operates gasoline, diesel, or LPG powered rubber-tired truck or track-driven crane equipped with either hydraulic powered telescoping boom and hydraulic driven winches for lifting/lowering loads or with lattice type boom, with gear driven or torque converter-driven winches for raising/lowering the boom and loads.

DIMENSIONS

The Crane Operator reports to an Operator Foreman, a construction foreman, or an exempt supervisor and has no supervisory responsibility.

NATURE AND SCOPE

1. Operates rubber-tired or track-driven cranes rated from 3-ton to 900-ton to load, offload, stack, or move materials and equipment;
2. Raises, lowers, and/or swings various types of equipment and materials; stacks tower sections; raises and lowers; or positions emplacement rack and related parts;
3. Observes hand signals and/or receives instructions via radio while raising, lowering, swinging equipment/materials;
4. Moves rubber-tired or track-driven cranes from one area of construction site to another as job requires;
5. Changes boom configuration as required; load-tests cranes;
6. Keeps daily log and sees that equipment is maintained properly;
7. Performs lifting or material handling duties associated with this job; escorts wide loads from one location to another as required;
8. Adheres to all Company EEO, affirmative action, environmental, health, safety, quality assurance, and security programs;
9. Performs related work as required.

ESSENTIAL JOB FUNCTIONS

Physical

<i>Constantly = Over 2/3 of time</i> <i>Frequently = 1/3 - 2/3 of time</i> <i>Occasionally = Less than 1/3 of time</i>
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1. Occasional standing/walking while not operating machines on all types of terrains for short distances throughout work shift;
2. Frequent-to-constant sitting while operating various types of equipment and subject to bouncing/jarring/vibration depending upon type of terrain;
3. Occasional lifting/carrying 1 to 50 pounds of tools/equipment; assistive devices available for lifting/carrying up to 100 pounds of tools/equipment;

Crane Operator

4. Frequent pushing/pulling required while operating equipment using hand levers/steering wheels exerting a force up to 10 to 20 pounds;
5. Frequent climbing on/off equipment, up steps, or stationary ladder;
6. Frequent bending/twisting at waist/knees/neck while operating equipment;
7. May occasionally kneel/crouch while inspecting or performing minor maintenance on equipment;
8. Constant use of both hands/arms while reaching/grasping/gripping/fingering while operating equipment;
9. Constant use of sight abilities including depth perception, peripheral vision, hand/eye/foot coordination, visual acuity in near-, mid-, and far-range while operating equipment;
10. Frequent use of speech abilities required in communicating with coworkers, maintaining radio contact, alerting workers working in/around moving equipment; constant use of hearing abilities to communicate with coworkers, monitor equipment performance, and give/receive instructions.

Mental

1. Constant mental alertness, and attention to detail while operating equipment, often in hazardous situations, working around workers and/or other moving equipment;
2. Must be able to read/write/speak English;
3. Must possess basic mathematical skills;
4. Must have basic mechanical aptitude to identify equipment malfunctions and assist in equipment changes;
5. Must be able to work independently and perform all work that is assigned.

WORKING CONDITIONS AND EQUIPMENT USED

Work is performed inside climate-controlled cab of equipment or occasionally exposed to outdoor weather conditions.

Tools & Equipment Used: Hand/power tools, two-way radio, daily log, and other equipment as needed. Safety equipment includes hard hat, safety glasses, steel-toed safety shoes, and other equipment as needed.

REQUIRED TRAINING AND WORK EXPERIENCE

Completion of a recognized apprentice program or a minimum of three years of experience is required. Cranes over 100-ton capacity may have special requirements to operate.

OTHER SPECIAL QUALIFICATIONS

Operators working event-related cranes must be certified and may be require to pass a medical fitness exam due to the sensitive nature of these assignments. Valid driver's license is required.