

**REYNOLDS ELECTRICAL & ENGINEERING CO., INC.**  
**POSITION DESCRIPTION**

**POSITION TITLE:** Motorman - Oilfield

**JOB CODE :** 036552, 031594

**DATE PREPARED :** July 17, 1992

**Revised:** December 13, 1993

**SUMMARY STATEMENT**

The incumbent assists in mobilizing, operating, and demobilizing various sizes of drill rigs and equipment to drill bores ranging from 6' to 144'. Responsibilities include operation and simple maintenance of rig motors and compressors; responsible for operating machinery not including equipment/machinery used by driller.

**DIMENSIONS**

The incumbent reports to Driller Foreman and has no supervisory responsibilities.

**NATURE AND SCOPE**

1. Inspects and records condition of equipment on motorman's section of daily rig inspection report; performs all duties in compliance with Company environment, safety, and health requirements;
2. Checks oil and fuel level on all equipment and lubricates and greases equipment as required;
3. Starts up and shuts down engines as needed and checks for and reports any leakage of fluids;
4. Assists in making connections, trips, picking up, and laying down tools by using power tongs, rotary tongs, spinning chain, cathead, tuggers, and hand tools;
5. Performs minor mechanical repairs and tune ups as needed using hand tools; reports repairs needed on equipment requiring support assistance;
6. Assists crew members needing assistance;
7. Adheres to all Company EEO, affirmative action, environmental, health, safety, quality assurance, and security programs;
8. 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>

1. Frequent-to-constant standing/walking up to four to five miles per shift; may require running upstairs to the rigging floor;
2. Occasionally sitting while performing bench work or administrative duties;
3. Frequent lifting/carrying 40 to 50 pounds up to 30 times per shift using tong heads, slips, and elevators;
4. Frequently pushing/pulling with both hands/arms while performing routine duties exerting up to 35 pounds of force; occasionally 75 to 100 pounds of force necessary to torque down bolts/nuts up to 2 inches using torque wrenches;
5. Frequently climbing rig steps 5 to 30 feet;

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6. Occasionally bending/twisting at waist/knees while pulling slips, unlatching elevators, etc.;
7. Occasional kneeling/crouching while making adjustments, performing minor tune ups, or adjusting equipment;
8. Frequently using both hands/arms reaching/handling/grasping/gripping; some overhead reaching while using hand tools and performing work duties;
9. Constant use of sight/hearing abilities; hand/eye coordination; near-, mid-, and far-range of visual acuity while reading gauges, identifying malfunctions, etc.;
10. Constant use of speech abilities in communicating with coworkers/supervisors and in giving/receiving instructions;
11. May be required to work in awkward positions while performing job duties.

### Mental

1. Concentration, alertness, and attention to detail necessary while monitoring multiple factors and equipment and while working in hazardous areas;
2. Good written communication skills necessary for completing logs and processing hourly compression reports;
3. Must be able to read/write/speak English; must possess basic mathematical skills;
4. Must have good verbal communication skills in communicating with coworkers/supervisors;
5. Must possess good reasoning skills and be able to apply established procedures;
6. Must be able to assign projects/schedules in coordinating work with other operating units.

### WORKING CONDITIONS AND EQUIPMENT USED

Work is performed outdoors in and around drill rigs with exposure to all types of weather conditions. Work may be performed at elevations of up to 6,700 feet.

Tools & Equipment Used: Large pipe wrenches, file/hacksaws, grinders, drills, hand/power tools, shovels, pumps and compressors, manuals, logs, and motor vehicle; safety equipment includes respirator, hearing and eye protection, safety shoes, hard hats, safety belts/harnesses, and gloves.

### REQUIRED TRAINING AND WORK EXPERIENCE

Two years of experience as a motorman, derrickman, or drill helper on a large rotary oilfield is required. Must be qualified to survey equipment and perform tuning maintenance and make minor repairs to the equipment.

### OTHER SPECIAL QUALIFICATIONS

Valid driver's license required.