

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

**POSITION TITLE:** Derrickman

**JOB CODE :** 036536, 031567

**DATE PREPARED :** July 17, 1992

**Revised:** December 13, 1993

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**SUMMARY STATEMENT**

The incumbent works as a member of a rig crew required to assist with the moving, installation, tearing down, and day-to-day operations of drilling rigs and associated equipment.

**DIMENSIONS**

The incumbent reports to the Driller Foreman and has no supervisory responsibility.

**NATURE AND SCOPE**

1. Maintains the mud end of pumps used in drilling operations by following instructions contained in equipment manuals and other associated documents;
2. Checks and records fluid levels in the drilling hole during the connection phase of operations;
3. Records the gallons per hour of drilling fluids flowing into and out of the drill hole by reading gauges and charts located on the drilling platform;
4. Logs hours of operation and the equipment identification number for various types of motors and pumps associated with drilling operations;
5. Latches drilling pipe and stabs the pipe when lowered into the drill hole; unlatches the pipe and stands the pipe back when it is raised out of the drill hole;
6. Retrieves drilling cuttings after each ten feet the drilling hole increases in depth or when required by geology specifications;
7. Assists operating engineer mechanics when necessary with the installation, repair, and maintenance of drilling equipment;
8. Mixes drilling fluids as directed by the shift supervisor according to operating instructions;
9. Inspects and lubricates the derrick and the crown as directed and reports conditions to the shift supervisor; records findings on the inspection report;
10. Adheres to all Company EEO, affirmative action, environmental, health, safety, quality assurance, and security programs;
11. Performs related work as required.

**ESSENTIAL JOB FUNCTIONS**

**Physical**

1. Constant standing/walking on all types of surfaces including uneven terrain, outdoors, and in and around drilling rigs, approximately four to five miles per shift;

<p><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></p>
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## Derrickman

2. Occasional sitting on bench while equipment is operating smoothly;
3. Frequent lifting of tools, samples, and equipment up to 50 to 60 pounds; carrying short distances;
4. Frequent push/pull exerting up to 75 to 100 pounds of force using both hands/arms while working with drill pipes/collars while moving;
5. Occasional climbing stairs/ladders in and around drill rig up to heights of 50 to 120 feet, depending on type of rig;
6. Frequent bending/twisting at waist/knees/neck while catching samples with bucket and performing related duties;
7. Occasional kneeling/crouching may be required while installing/repairing mud pumps;
8. Frequent use of both hands/arms in reaching/handling/fingering/gripping while assembling/disassembling mud pumps using hand or power tools; frequent overhead reaching required;
9. Constant use of sight abilities for operating equipment, performing duties, and maintaining a safe work environment; visual requirements include: depth perception, hand/eye/foot coordination, visual acuity in near-, mid-, and far-range vision;
10. Constant use of hearing/speech abilities in communicating with coworkers, giving/receiving instruction, listening for equipment malfunctions, etc.;
11. Other physical demands include working in awkward positions/confined spaces.

### **Mental**

1. Constant mental alertness and attention to detail required in operating/monitoring equipment, identifying malfunctions, taking samples, and maintaining a safe work environment;
2. Must be able to work independently without direct supervision and organize/prioritize work load to ensure completion of all tasks within established time frames;
3. Must be able to read/write/speak English and possess oral/written communication skills in order to communicate with coworkers and supervisors and complete paperwork; must be able to read/understand manuals, technical information, and sampling programs;
4. Must be able to deal with the pressure of meeting production schedules and working in hazardous conditions;
5. Must be able to apply established procedures and follow oral/written instructions;
6. Must possess basic mathematical skills.

### **WORKING CONDITIONS AND EQUIPMENT USED**

Work is performed outdoors in and around drill rigs with exposure to all types of weather conditions.

Tools & Equipment Used: Hand/power tools, buckets, manuals, logs, and motor vehicle; safety equipment includes respirator, hearing and eye protection, safety shoes, hard hats, safety belts/harnesses, and gloves.

## Derrickman

### **REQUIRED TRAINING AND WORK EXPERIENCE**

The incumbent should have two years of experience as a Derrickman on an oil field type of drilling rig or related drilling experience, or completion of the apprenticeship program.

### **OTHER SPECIAL QUALIFICATIONS**

Valid driver's license required.