

Effective: 12/20/21  
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## UNIT

### JOB DESCRIPTION

**JOB TITLE:**     Mechanical Technician                      **DEPT:**     Unit Drilling

**REPORTS TO:**    **STATUS:**    Non-Exempt

**JOB CODE:**

**JOB SUMMARY:** Responsible for performing various maintenance related tasks on a wide variety of drilling rig equipment, following/interpreting technical drawings and guidelines for all equipment, trouble-shooting issues using diagnostic equipment and industry knowledge.

### **RESPONSIBILITIES AND ESSENTIAL JOB FUNCTIONS:**

1. Follow Unit Drilling safety standards and procedures
2. Heavy equipment diagnosis, repair, and overhaul
3. Ability to diagnose and repair electrical problems
4. Perform and complete preventive maintenance and equipment inspections
5. Ability to work alone or with others
6. Willingness to learn
7. Care and cleaning of shop, work area, tools, and equipment
8. Proper use of hand tools, power tools, and equipment
9. Provide own tools including air tools (Standard/Metric). Tools should be 2" and below
10. Ability to work in various positions on large equipment
11. Knowledge and skills of basic computer functions for completion of required job documentation
12. Travel maybe required including out of state
13. Perform related responsibilities as required or assigned
14. Identify safety hazards and assert stop-work authority

## **QUALIFICATIONS:**

- Reliable attendance
- Ability to work under stress
- The ability to communicate effectively both verbally and in writing
- 1 year of heavy equipment mechanical experience
- Oilfield experience preferred but not required
- Hydraulic or pneumatics knowledge preferred but not required
- Understanding hydraulic/electrical schematics
- Knowledge of reading micrometer (OD/ID)
- Experience with the use of overhead cranes
- Self-motivated and dependable

## **SPECIAL JOB DIMENSIONS:**

- This is a safety sensitive position
- The work is performed outside with exposure to various and sometime extreme weather conditions
- Exposure to fumes, gases, noise, moving/mechanical parts, vibrations, high pressures, electricity, and various chemicals
- Must be able to work 50 to 60 hour per week-some weekends (Subject to change to meet demand of job)

## **PHYSICAL REQUIREMENTS:**

## **FREQUENCY\***

**Stooping:** Bending the body downward and forward at the waist, requiring full use of the lower extremities and back muscles.

Frequent

**Reaching:** Extending hand(s) and arm(s) in any direction.

Constant

**Carrying:** Transporting an object, usually holding it in the hands or arms or on the shoulder (up to 126 pounds).

Constant

**Pushing:** Using the upper extremities to exert force upon an object so that the object moves away from the force.

Constant

**Pulling:** Using the upper extremities to exert force upon an object so that the object moves toward the force.

Constant

**Sitting:** Remaining in the normal seated position.

Occasional

<b>Standing:</b> Remaining on one's feet in an upright position without moving about, particularly for sustained periods of time.	Constant
<b>Walking:</b> Moving about on foot to accomplish tasks.	Frequent
<b>Lifting:</b> Raising objects from a lower to a higher position or moving objects horizontally (up to 126 pounds).	Frequent
<b>Climbing:</b> Ascending and descending stairs and ladders.	Occasional
<b>Grasping:</b> Applying pressure to an object with the fingers and/or palm.	Constant
<b>Repetitive Motions:</b> Substantial movements (motions) of the wrists, hands, and/or fingers for the purpose of picking up items, typing, operating ten-key or performing data entry.	Constant
<b>Talking:</b> Expressing or exchanging instructions and ideas by means of the spoken word.	Frequent
<b>Hearing:</b> Ability to receive oral information and/or sounds through the ear.	Constant
<b>Seeing:</b> Obtaining impressions through the eyes of the distance, size, shape, motion, color, or other characteristics of objects. The major visual functions are:	Constant
<ul style="list-style-type: none"> <li>• Acuity (far and near)</li> <li>• Depth perception (perceiving distances)</li> <li>• Color vision (distinguishing between different colors)</li> <li>• Field of vision (seeing a wide range of objects at the same time).</li> </ul>	

\*Occasional (1-33%)

Frequent (34-66%)

Constant (67-100%)