**JOB TITLE:** FIELD MECHANIC  **HOURS:** VARIOUS

**JOB CLASSIFICATION:** FRAC  **FLSA:** NON - EXEMPT

**REPORTS TO:** MECHANIC SUPERVISOR  **DATE REVISED:** 4/11/11

**JOB SUMMARY:**
- Repairs, maintains, and installs oil field machinery and equipment, using hand tools and following oral and written work orders. Attaches hoisting cables to pumps, transmissions, diesel engines, and other equipment at sites, lashes equipment to trucks for transfer to repair yard, and guides lowering of equipment onto blocks in or near repair shop. Uses hand and power wrenches, screwdrivers, and other hand tools. Cleans parts, such as pistons, valves, and parts of transmissions and clutches, using steam hose and detergents. Inspects parts for defects. Installs specified new or reconditioned parts, such as relined brake bands and clutch plates, sprockets, pump cylinders, and other parts of engines and mud pumps. Reassembles complete units. Tests function of pumps and other mechanical units, using auxiliary power. Test-runs engines at various speeds and observes efficiency of operations. Welds broken structures, such as engine mounts, hand rails, machine guards, and pipe racks, using electric and acetylene welding equipment. Paints reconditioned units, using spray gun. Installs repaired equipment at sites, observes operations, and readjusts components, as necessary. Maintains, repairs, and installs machinery and equipment at sites and is designated Field Mechanic (petrol. & gas). Ensures that all equipment is continually maintained at the highest standards, resulting in proper functionality & minimum failures. Performing Quality checks according to procedure. Modify equipment in a timely manner. Perform preventative, planned & unplanned maintenance, repair, overhaul, troubleshoot and test mechanical & electronic equipment according to Company standards.

**PHYSICAL AND WORKING CONDITIONS:**
- Frequent Climbing (stairs, ladders, terrain)
- Frequent lifting (70 pounds)
- Frequent bending, twisting and standing
- Exposure to working outdoors in all-weather conditions. (hot, cold dust, dirt, noise, and gas fumes)
- Ability to work more than 40 hours in any given week

**ESSENTIAL TASKS:**
- **RigUp/Rig Down:** Setting up for Frac job which includes but not limited to, hooking up ground cables to equipment, assisting E-Tech to get PSI and data cables strung out to well head insuring the cables do not get damaged during the frac job. (Plumbing Connections)
- Assisting with connections and hook-up of remote pump boxes.
- Making sure all equipment is ready for operations.
- Ensuring all equipment is secured and in the off position during a period of down time. MTU's switches should be turned off regularly. Remain on location until release by Frac supervisor.
- **Daily Startup/Pre-Shift:** Responsible for startup of all equipment on location. Must understand the startup procedure.
- Check all engine fluids and visually inspect all components prior to start up. Use only Clean material and PPE when inspecting fluid levels. When adding fluids make sure all buckets/fill containers are clean and clear of debris. Communicate with crew about startup procedure.
- **During Frac Operations:** Expected to be attending to the equipment, which means visually walking around and inspecting equipment for leaks, gauges, etc. within the allowable areas. Your responsibility is with the equipment, not wandering the site.

**Between Stages:** Perform repairs to equipment; ensure proper LOTO procedures are followed, if applicable.
• Fill packing lube greasers after completion of each stage and properly functioning.
• Fill equipment in preparation for next stage. Complete appropriate reports for each piece of equipment. This is important since we use On-ROAD fuel in pumps.
• **Job Completion/End of Day:** Walk site to ensure operators have turned pumps/tractors off. Reports any trucks left to supervisor.
• Check packing and grease levels in reservoir.
• Assist in housekeeping of location before exiting.
• **Shop Days:** Assist on equipment maintenance as direct by supervisor. Working and communicating with supervisor/Field mechanics to complete checklist.
• Understand shop work policies and guidelines.
• Your Supervisor will work with the Shop supervisor to coordinate your tasks.

**SKILLS AND EXPERIENCE REQUIRED:**
• One (1) or more years of experience in mechanics or a related field
• Ability to communicate and comprehend the efforts of others
• Ability to think and act quickly
• Ability to work in a team environment.

**QUALIFICATIONS:**
• Working together in a positive team environment.
• Must be organized and attentive to details in a fast pass working environment.
• Knowledge of Cummins Insite and other diagnostic software
• Ability to multi-task
• Ability to operate independently is important.
• Ability to champion a company safety culture.
• You will help to promote safety awareness, follow policies & procedures on quality, health, safety & environment. Will also maintain required Quality & HSE certifications up to date. You have a high attention to detail, are extremely organized and have the ability to multi-task all the while working safely: Proper PPE

**EDUCATION, CERTIFICATIONS, LICENSES, REGISTRATIONS**
• Grad, GED or Equivalent Experience
• CDL A - Hazmat (preferred)
• PA State Inspection License (Preferred)
• First Aid (Preferred)
• CPR (Preferred)
• Forklift Training (Preferred)
• Lock out, Tag out (Preferred)
• Hydraulic Certification a plus
• PEC Premier (Preferred)

**US Work Authorization:**
• Must be qualified to work in the United States

**WE ARE AN EQUAL OPPORTUNITY EMPLOYER**
• All qualified applicants will be given equal opportunity
• Selection decision are based on job-related factors
ACKNOWLEDGEMENT OF RECEIPT:

I have reviewed and understand the above job description and believe it to be accurate and complete. I also understand that this job description is not an employment contract and management retains the right to change this job description at any time.

__________________________________________  
FIELD MECHANIC  

__________________________________________  
SUPERVISOR  

__________________________________________  
HUMAN RESOURCES  

DATE  
DATE  
DATE