



Job Description

Field Engineer

Division	Magnum Cementing Services LLC	Creation Date:	December 2019
Position Title:	Field Engineer – Entry level	Revision Date:	May 2022
Department:	Technical Services	Revision Number:	24
Reports To:	Vice President, Technical Services and QHSE Officer		

Position Scope

Under the direction of the Vice President, Technical Services and QHSE Officer, the **Field Engineer** is responsible for gaining experience and knowledge in the areas of research and development, cement job design and simulation, safety, training, lab, operations, electronics, and dispatch. This position support Operations and assists as directed in pre-planning, job execution and post job analysis in the delivery of cementing services. This role is responsible for conducting lab testing, pre-job-post job analysis and chemicals forecasting.

Job Responsibilities

Technical

- Gain working knowledge of technical departments that support field operations involved in primary and remedial cementing services.
- Gain work experience of cement pumping equipment and field operations.
- Perform assignments requiring knowledge and application of basic engineering principles.
- Maintain and update technical and scheduling documentation for engineering and operational projects.
- Research and drive process improvement to improve operational efficiency out on location.
- Research new technology within the oilfield industry and report on findings as well as provide recommendation on research undertaken.
- Develop, update, and drive continuous improvement in operational training program (competency training).
- Develop, update, and drive continuous improvement in dispatch processes (coordination of operations).
- Assist in the design of cement jobs programs (primary, remedial).
- Run cement job design simulations.
- Coordinate lab testing of samples (formula mixes/chemicals) upon request to support job design.
- Analyzing data and providing reports to engineering and sales divisions; recalculating formulas as required.
- Provide engineering expertise to resolve technical problems, including identifying potential improvements to job design, using performance tracking of equipment and materials.
- Interact with departments or external clients to meet specific requests; provide high level of customer service.
- Manage project record keeping (e.g. daily reports) and assist in technical writing as directed.
- Study and interpret cementing job execution, report issues and assist in planning safe processes for cementing.
- Review and establish Standard Operating Procedures (SOPs)/Job Hazard Assessments (JHAs) to ensure operations is working in a safe manner.
- Assist with Key Performance Indicators (KPIs), Leading and Lagging indicator trending, and Safety Statistics.
- Participate in safety meetings for operations.

General

- Participate in training and development activities.
- Other related duties as required.

Qualifications, Knowledge, Skills, and Abilities

- Required:
 - Bachelor of Science Degree in Engineering or Technical Diploma.
 - Field experience in cementing services within the oilfield industry.
 - Good organizational and time management skills; ability to manage multiple priorities or projects and meet deadlines.
 - Proficient in MS Office (Excel, Word, Office).
 - Physically capable of moving/lifting heavy objects up to 23 kg., bending, standing, gripping, sitting/driving, walking, and climbing repeatedly for extended periods.
 - Able to work outdoors for extended periods of time and in all types of weather conditions.
 - Able to be on call 24 hours on 15x rotational schedule, remaining fit for duty at all times (subject to change due to market conditions).
 - Able to travel to sales offices, head office, and field stations, as required.
 - Able to work in congested or confined areas, and with exposure to loud noises and vibration.
 - Able to travel to support other Magnum Stations
 - Demonstrated ability to direct and motivate the work of others.
 - Legally eligible to work in the United States of America and travel to Canada.
 - Looking For:
 - 2 years minimum related oilfield experience at an Operator level with pumping abilities.
 - Ability to interpret well site data.
 - Decision-making and problem-solving ability.
 - Good communication skills, both spoken and written.
 - Proven leadership skills and the ability to work as part of a team.
 - Able to take initiative as well as collaborate with others as needed to implement assigned projects.
 - Demonstrated ability to ensure compliance with company policies, procedures, and safety.
 - Strong work ethic, positive attitude, reliable, and dependable.
 - Flexible and able to adapt to change.
 - Understands the importance of safety.
 - Team player and customer service focused.
 - Demonstrated initiative and results orientated.
 - Assets:
 - Supervisor level of experience.
 - Class A driver's license with a clean driver's abstract.
 - Possesses oil field tickets.
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