

LECTRODRYER

JOB DESCRIPTION

TITLE: Project Engineer / Chemical

DEPARTMENT: Engineering

REPORTS TO: Engineering Manager

FLSA: Exempt

Position Summary

Preparing, scheduling, coordinating and monitoring the assigned engineering projects. Monitoring compliance to applicable codes, practices, QA/QC policies, performance standards and specifications. Interacting daily with the clients to interpret their needs and requirements and representing them in the field.

Essential Duties and Responsibilities

- Prepare, schedule, coordinate and monitor the assigned engineering projects
- Monitor compliance to applicable codes, practices, QA/QC policies, performance standards and specifications
- Interact daily with the clients to interpret their needs and requirements and represent them in the field
- Perform overall quality control of the work (budget, schedule, plans, personnel's performance) and report regularly on project status
- Assign responsibilities and mentor project team
- Cooperate and communicate effectively with project manager and other project participants to aid and technical support
- Review engineering deliverables and initiate appropriate corrective actions
- Troubleshoot problems with chemical manufacturing processes
- Evaluate chemical processes to identify ways to optimize performance or to ensure compliance with safety and environmental regulations
- Conduct research to develop new and improved chemical manufacturing processes
- Perform tests and monitor performance of processes throughout stages of production to determine degree of control over variables such as temperature, density, specific gravity, and pressure
- Design and plan layout of equipment
- Develop processes to separate components of liquids or gases or generate electrical currents using controlled chemical processes
- Read and interpret blueprints, technical drawings, schematics and computer-generated reports
- Provide technical and non-technical support, training and services to clients and other staff members regarding the use, operation and maintenance of Lectrodryer equipment

Minimum Qualifications (Education, Experience, Skills)

- Student pursuing four-year Engineering degree with Chemical emphasis or equivalent.
- Requires the consistent exercise of discretion and judgment
- Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form
- Strong communication skills required to effectively convey information to non-technical internal and external customers
- Must have basic knowledge of current software packages (Excel and Microsoft Office)
- Ability to use variety of office equipment
- Performs other work-related duties as assigned

Physical Demands and Work Environment

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this position. Reasonable accommodations may be made to enable individuals with disabilities to perform the functions. While performing the duties of this position, the employee is regularly required to talk and hear. The noise level in the work environment is usually quiet. The employee may frequently be required to travel domestically and internationally. The employee frequently is required to use hands or fingers. Employee will also frequently sit, reach with hands and arms, climb or balance, and stoop, kneel, crouch, or crawl. The employee must occasionally lift and/or move up to 25 pounds. Specific vision abilities required by this position include close vision.

This job description in no way states or implies that these are the only duties to be performed by the employee(s) incumbent in this position. Employees will be required to follow any other job-related instructions and to perform any other job-related duties requested by any person authorized to give instructions or assignments.

All duties and responsibilities are essential functions and requirements and are subject to possible modification to reasonably accommodate individuals with disabilities. To perform this job successfully, the incumbents will possess the skills aptitudes and abilities to perform each duty proficiently. Some requirements may exclude individuals who pose a direct threat or significant risk to the health or safety of themselves or others. The requirements listed in this document are the minimum levels of knowledge, skills or abilities.

This document does not create an employment contract, implied or otherwise, other than an “at will” relationship.

Reviewed with employee by:

Manager’s Name

Date

Received and accepted by:

Employee's Name

Date