



Date: February 2025
Job Title: Mechanical Engineer
Reports To: Department Manager
FLSA Status: Exempt

Summary: Responsible to manage the project development of mechanical systems from start to finish. The Mechanical Engineer is involved in designing, creating, testing, and improving all aspects of the project's mechanical system using designated Company software.

Duties and Responsibilities

- Perform technical evaluation of bids and recommend designs to meet client requirements for project operability, reliability, maintainability and safety.
- Develop project technical specifications and data sheets for project design and scope.
- Collect and prepare data and information to perform detailed engineering calculations and write engineering and technical reports.
- Assist in field work by checking installations and collaborating with the CSD project team on problem resolution activities.
- Perform calculation checks and vendor drawing reviews throughout the project.
- Interact and collaborate with colleagues in various CSD departments and with external suppliers to obtain pertinent project information.
- Participate in technical seminars/courses and maintain active membership with professional organizations for continued technical and professional growth.

Education/Experience Requirements

- Bachelor of Science in Mechanical Engineering discipline required.
- EIT certification and/or PE license is preferred.
- 5+ years of experience performing engineering analysis and design functions.
- Working knowledge of Microsoft Office products, AutoCAD, and Navisworks.
- Prior work experience in Metals, Chemicals or OIL & Gas industry preferred.
- Water treatment experience desirable.
- Ability to multi-task and be highly organized for effective project planning.
- Excellent attention to detail.
- Strong analytical and problem-solving skills.
- Strong verbal and written communication skills.

Qualifications:

- Strong interpersonal and communication skills
- Able to read and interpret documents such as customer reports, specifications and government standards.
- Able to write routine reports and correspondence.
- Able to speak effectively before groups of customers or employees of the organization.
- Ability to pass drug test.
- Must possess a valid driver's license and credit card with the ability to travel as needed.