

Job Description: Project Engineer

Department

Engineering

Reports To

Engineering Manager

Summary

The Project Engineer's role is to assist the Sales Department with managing large customer projects in the commercial, industrial, and municipal markets. The Project Engineer will have various responsibilities throughout the sales, manufacturing/production, and field installation stages of active projects. They will work closely with the Project Manager, other engineers, mechanical drafters, and internal company personnel from other departments throughout these stages.

Responsibilities

- Review technical project equipment specifications and plan drawings
- Select pumping equipment based upon the project requirements
- Prepare quotations for pumping equipment
- Prepare submittal packages for projects
- Review raw data from the Test Lab and prepare reports for hydraulic performance tests and hydrostatic pressure tests.
- Design custom components to meet project requirements for sales orders in production
- Assist with troubleshooting any problems encountered throughout the manufacturing process of pumps in production
- Assist with troubleshooting any problems with the pumping equipment encountered by the end user in the field (will not include on-site field services)
- Provide technical product training for the Sales and Marketing Departments

Qualifications and Skills

- Bachelor's of Science Degree in Mechanical Engineering
- Entry level, 2-3 years experience preferred
- Advanced skill with AutoCAD
- Advanced skill with Autodesk Inventor Professional, SolidWorks, or other solid modeling software
- Proficient with the Microsoft Office Suite
- Strong leadership and communication skills, both written and verbal
- Excellent creative thinking and problem solving skills
- Excellent attention to detail
- Actively works to minimize complexity
- Good organizational skills, being able to manage multiple projects simultaneously while meeting deadlines
- Work effectively under pressure individually as well as part of a team
- Knowledgeable of machining and fabrication processes
- Strong knowledge of engineering fundamentals