



Alps Welding Ltd.

since 1974

Job Description

Title

Engineering Manager

Reports To

Dennis Dussin,
President

Company Description

Alps Welding is a custom fabricator of industrial process equipment including pressure vessels, heat exchangers, piping systems, stacks, and storage tanks, among other equipment. We serve a wide variety of industries, including oil & gas, chemical, power generation, food, and steelmaking, selling to EPC's, equipment designers, and direct to end users. Our material experience is vast, including many grades of carbon and stainless steel, as well as exotic alloys such as Inconel, Monel, and titanium. Over 43 years, we have developed an excellent reputation for quality, service, and value.

Summary

The Engineering Manager will manage a team responsible for understanding and documenting customer requirements, and creating the fabrication instructions for the company. This team reviews customer specifications, develops and recommends welding procedures, and creates the engineering package which is used by project management and production to execute manufacturing. We are growing our engineering capability to offer additional services to our customers, including pressure vessel design calculations, and structural, thermal, and process design. The Engineering Manager must have the technical ability to direct this work, as well as the managerial skills to plan the department's workload, develop the team, and report activities to the rest of the company.

Core Competencies

- Technical knowledge, especially in pressure vessels
- Logical problem solving
- Planning and organizing
- Adaptability
- Ability to drive change and improvement
- Process focus
- Cooperative and team-oriented
- Strong written and verbal communication
- Customer service orientation

Responsibilities

- Plan the workload of the engineering team and report project status to other teams;
- Prioritize projects to ensure all work is completed on or ahead of schedule;
- Evaluate and develop the engineering team through training and hiring;
- Implement LEAN principles to the processes of the engineering team to reduce effort and waste;
- Review specifications to understand customer requirements;
- Interpret customer and ASME code requirements to create an engineering package containing all instructions for the Production department;
- Select and develop welding procedures to support customer and production requirements;
- Provide the QA department with the documentation and technical support required to ensure compliance with customer and regulatory requirements;
- Recognize cost, quality, and delivery implications of engineering alternatives and select appropriately for the benefit of the company and its customers;
- Answer technical questions coming from Project Management and Production and provide recommendations;
- Drive development of the company's Solidworks and Autocad implementations, such as building libraries and standardizing BOMs;
- Grow the company's engineering capabilities through subcontracting, hiring and training, to add additional engineering disciplines to the company's service offering;

Qualifications

- Expertise in using Compress, ACAD, and SOLIDWORKS for the design and development of fabrication drawings for pressure vessels, columns and heat exchangers;
- Extensive knowledge of the ASME pressure vessel Codes and practices, material specifications, welding processes, and general fabrication and machining practices;
- Possess excellent verbal & written communication skills;

- Extensive experience in pressure vessel design in a fabrication context;
- Experience managing and growing a team;
- P.Eng. is a requirement.

Applications

Interested candidates please send email with attached resume to [hiring@alpswelding.com](mailto: hiring@alpswelding.com). Please put "Engineering Manager" in the subject line of the email.

Local applicants only. Candidates will be contacted if they are selected to participate in the interview process.