

Position: Quality Assurance Manager

Company Description (For Recruiters and Candidates)

Alps Welding is a custom fabricator of industrial process equipment including pressure vessels, stacks, heat exchangers, and other custom fabrications. Over 43 years in business, Alps has developed strong relationships with customers in the energy, chemical, steelmaking, food, and water industries, among others.

The company has grown from a small job shop to be one of North America's premier fabricators of operations-critical, highly engineered equipment. It has approximately 60 employees, with 15 of those engaged in engineering, project management, and quality. It continues to invest in its engineering and design capabilities to offer additional services to its customers. Alps has a reputation for being the highest quality fabricator in their markets, with a commitment to on-time delivery and customer satisfaction.

Mission of the Position

The Quality Assurance Manager will have complete responsibility for the quality assurance program with respect to the custom manufacture of process equipment, including pressure vessels and heat exchangers. The company holds ASME certification for the fabrication of pressure vessels, among others, under the supervision of TSSA inspection. The QA Manager is responsible for maintaining the QA program, developing it through continuous improvement, and managing the inspection team. The QA role is of critical importance to the success of the company, and the candidate must be highly knowledgeable in custom fabrication and specifically the manufacture of pressure equipment.

The QA Manager reports directly to the president and interacts with all areas of the company. He or she is responsible for implementing best-practice, forward-thinking QA principles. This includes the ability to develop a strong team, implement new quality processes driven by KPI's, and apply LEAN / continuous improvement concepts.

Job Duties

- Ensures that the Company Quality Assurance (QA) manual is followed and implemented throughout the company.
- Performs activities necessary to drive quality improvement, assure regulatory compliance, reduce costs, and improve productivity.
- Develops, implements and manages KPI's to measure quality and implement corrective actions for continuous improvement.
- Manages the QC Inspectors, providing tools/instructions/guidance to them to maintain quality at the shop level, as well as ensuring they are trained and developed.
- Conducts internal audits to ensure adherence to the QA program and regulatory requirements.
- Together with management, identifies and pursues opportunities for additional certifications.
- Leads quality initiatives to ensure that the Company achieves its goals.
- Assists procurement department in selecting and evaluating suppliers. Keeping all certificates of authorization, code stamps, welder qualification up-to-date.
- Plan and maintain the activities of the quality department.
- Supervise the preparation of quality documentation; verify that all QC records are completed for Code and customer requirements.
- Responsible for managing the Quality Control Manual in accordance with A.S.M.E. Boiler and Pressure Vessel Code Sec VIII Div 1, B31.1 and B31.3, the National Board Inspection Code and CSA B51.

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- Responsible for maintaining official weld procedure documentation, and ensuring welding is in compliance.
- Respond to defects and test failures by recommending and ensuring the execution of the corrective action through root cause analysis.
- Supports project management/engineering team in addressing warranty issues with clients.

Key Criteria/Requirements

- Post-secondary degree, preferably in engineering or metal science. Business training an asset.
- 5-10 years of experience in a Quality Assurance environment, and at least 3 years in a management role, in industrial fabrication and/or assembly, related to ASME pressure vessels.
- Prior experience as an inspector in the fabrication of structural steel and pressure vessels.
- Preferred candidates possess certifications in CGSB NDT level II, and CWB level II.
- Detailed application knowledge of A.S.M.E. boiler and pressure vessel Code Sec. VIII, Div. 1, B31.1 and B31.3, the National Board Inspection Code and CSA B51.
- Experience in interfacing with TSSA inspectors and relevant codes, standards and regulations.
- Experience implementing advanced manufacturing QA concepts such as Lean Manufacturing, Six-Sigma, and 5S.
- Ability to lead, develop and coach a team. Applies a hands-on management approach that encourages change and creative problem-solving.
- Excellent written and oral communication skills.
- Excellent problem solving skills.
- Ability to handle multiple tasks within a high-pressure work environment.
- Outstanding interpersonal, motivational and time management skills with strong customer service orientation.
- Computer skills, including Excel, Word, MS Project, AutoCAD, SolidWorks, and ERP manufacturing control software.
- Dynamic, positive team player with the drive and the desire to make a real difference.
- Ability to hold employees accountable for working safely, and providing a safe work environment.

To apply, email your resume to hire@alpswelding.com, and include “QA Manager” in the subject line.