

Department: Quality

Managed By: Quality Manager

Job Title: Quality Engineer – Aerospace Manufacturing and Compliance

Company Overview:

Acme Aerospace, Inc. is a leading manufacturer that designs and produces custom batteries and battery control electronic systems for military and commercial aircraft applications.

We are currently seeking a high-energy, self-driven, detail-oriented, and experienced Quality Engineer with a strong background in root cause analysis and regulatory compliance. The successful candidate will support the development, implementation, and maintenance of the Quality Management System (QMS) to ensure compliance with industry standards and regulatory requirements.

Essential Responsibilities

- Lead and facilitate structured root cause investigations using methodologies such as 8D, Fishbone, and 5 Whys to drive effective and sustainable corrective and preventive actions.
- Create, review, and manage policies, procedures, forms, and work instructions that support a compliant aerospace Quality Management System, ensuring adherence to international standards, regulatory requirements, and customer flow-downs.
- Identify, monitor, and report performance and quality metrics through data capture, analysis, presentation, and regular reporting.
- Investigate and analyze quality issues across suppliers, work-in-process, and finished goods to meet customer demand and scheduling commitments.
- Perform and document internal audits, including conformance to AS9100 standards and Performance Effectiveness Assessments, ensuring independence and impartiality.

Essential Responsibilities (Cont.)

- Act as the primary interface for audit activity throughout the facility. Schedule, support, and guide audit activity while ensuring access to required areas and resources. Serve as liaison between auditors and employees, preserving objectivity and audit integrity.
- Monitor and track nonconformances, supporting investigation and resolution through root cause analysis, corrective action planning, and disposition of nonconforming materials.
- Partner with process owners and subject matter experts to identify and document best practices and standardized procedures.
- Maintain supplier quality records and approvals. Interface with suppliers regarding audit activity, nonconformances, and corrective actions.
- Research and compile background data on production, operations, and purchasing history to support investigations, process improvements, audits, and special projects.
- Manage and maintain departmental records in accordance with QMS requirements.
- Participate in and lead continuous improvement initiatives across functional teams.
- Develop and deliver training on quality system requirements and best practices.
- Provide backup and support to other quality functions, including final inspection, receiving inspection, and calibration activities.

Required Capabilities

- Expertise in FAA Quality requirements and interpretation.
- Strong understanding of international and national standards such as AS9100, and AS
- Proficient in reading and interpreting technical drawings, specifications, and contractual quality requirements.

Required Capabilities (Cont.)

- Advanced proficiency in Microsoft Office Suite.
 - Familiarity with ERP systems, preferably Epicor.
 - Strong analytical and problem-solving skills, with the ability to work independently and collaboratively.
 - Effective verbal and written communication skills; able to interface with all levels within and outside the organization.
 - Solid customer service skills for interaction with both internal and external customers.
 - Ability to learn and navigate Acme's quality processes and documentation systems.
 - Previous FAA designee experience (DMIR) or ability to obtain designation preferred.
 - Familiarity with export compliance regulations preferred.
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Desired Background and Experience

- Bachelor's Degree in Engineering, Quality, or a related technical field; equivalent experience considered.
 - 5–10 years of experience in quality assurance, including at least 2 years in aerospace and regulatory environments.
 - Demonstrated experience leading and executing root cause and corrective action processes in regulated industries.
 - Experience with AS9100 audit preparation and execution.
 - Military or aerospace manufacturing experience is a plus.
 - ASQ certifications (CQE, CQA) are a plus.
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International Trade Compliance Requirements

Due to the potential exposure to ITAR-controlled data and export control regulations, the applicant in this role must be a qualified U.S. person as designated under INA, 8 U.S.C. 1324b(a)(3) or be eligible for any required authorizations from the U.S. Government.

Physical Demands

With or without reasonable accommodation:

- Must be able to lift documents and work materials up to 40 pounds.
 - Must be able to listen, understand, and communicate clearly with personnel at all organizational levels.
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Work Environment

- Work is performed in both office and manufacturing environments.
 - Exposure to standard temperature-controlled office conditions and variable shop floor conditions.
 - Noise levels may be moderate to high at times.
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Disclaimer

The above information on this description has been designed to indicate the general nature and level of work performance by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities and qualifications required of employees assigned to this job.

Acme Aerospace Inc. is an Equal Opportunity Employer and encourages the application of female, minority, disabled and veteran candidates. candidates must be able to perform essential responsibilities with or without reasonable accommodations. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identify, or national origin. Due to the potential for exposure to ITAR controlled data, the incumbent in this role must be a US Person (US Citizen or US Permanent Resident). Interested candidates should submit their resume and salary requirements.