

**POSITION TITLE:**

Quality Engineer

**LOCATION:**

Brooksville, Florida, USA

**SUMMARY OF POSITION:**

Airdyne Aerospace has an immediate opening for a Quality Engineer to improve our quality process and further the development of our quality capabilities.

As the Quality Engineer, you will support Airdyne products and quality. This focuses on evaluating manufacturability improvements of our manufactured components to meet design and performance specifications. This may require development of new quality processes, design and testing of tooling, and planning quality procedures, and recommending inspection methods to ensure conformity.

**DUTIES AND RESPONSIBILITIES:**

- Develop and maintain quality assurance procedures, standards, and documentation in compliance with AS9100 and other relevant standards.
- Conduct inspections, audits, and process validations to ensure product and process conformity.
- Lead root cause analysis and implement corrective and preventive actions (CAPA) for quality issues.
- Collaborate with engineering, production, and supply chain teams to resolve nonconformities and improve process capability.
- Perform statistical analysis on quality data to identify trends and areas for improvement.
- Support new product introduction (NPI) by ensuring quality standards are incorporated into design and manufacturing processes.
- Manage supplier quality, including supplier evaluation, audits, and performance monitoring.
- Prepare and present quality reports, metrics, and improvement recommendations to management.
- Participate in continuous improvement initiatives such as Lean and Six Sigma projects.
- Maintain a current and up-to-date knowledge of developments in aircraft materials and quality processes to recommend innovations to improve the quality, economy, and effectiveness of company products.
- Directs the development and/or improvements of quality processes and equipment using knowledge of product design, fabrication, assembly, tooling, and materials.
- Review and edit quality processes to ensure conformity to engineering type data.
- Supports the purchase and installation of new tools, equipment and processes associated with assigned projects.
- Develop and execute test cases, plans and procedures (manual and automated).
- Represent Quality through proactive participation and communication with engineering
- Reports directly to the CTO for Engineering/Technical Items.
- Reports directly to Manager of Quality for Quality Operations.



**REQUIRED QUALIFICATIONS:**

- Bachelor's degree in Mechanical Engineering, Industrial Engineering, Manufacturing Engineering, or a related technical field.
- Certification in Quality Engineering (CQE) or Lean Six Sigma (Green Belt/Black Belt) is highly desirable.
- Proven experience (10 years) in quality engineering or related role within a manufacturing or technical environment.
- Strong understanding of quality tools and methodologies.
- Working knowledge of AS9100 or other relevant quality standards.
- Proficiency in root cause analysis, problem-solving techniques, and continuous improvement tools.
- Strong analytical and communication skills, with the ability to work cross-functionally.
- Experience with statistical software and data analysis tools (e.g., Minitab, Excel).
- Demonstrated ability to interpret technical drawings, specifications, and test reports.
- Proficient in technical report writing and must have excellent communication skills, be fluent in English (spoken and written).
- Proficient in MS Word, MS Excel, MS Teams.
- Proficient in engineering data interpretation and definitions (e.g., drawings, reports, datasets, and specifications) to be able to analyze and resolve quality issues.
- Working knowledge of SolidWorks 3D modeling software and SolidWorks PDM software.
- Maintains a working knowledge of government and Federal Aviation Authority (FAA) regulations and their impact on conformity and compliance (i.e., certification, qualification).

**PREFERRED QUALIFICATIONS:**

- Working knowledge of SolidWorks PDM software.
- Lean Six Sigma Green Belt.



**ELIGIBILITY OF APPLICANTS:**

Candidates for this position must conform to U.S. Government export regulations, including the International Traffic in Arms Regulations (ITAR). Candidates must be a U.S. citizen, lawful permanent resident of the U.S., protected individual as defined by 8 U.S.C. 1324b(a)(3).

Candidates for this position must have nothing in their background that precludes international travel and/or access to any military installation.

**JOB TYPE:** Permanent

**SALARY:** Based on qualifications

**BENEFITS:** To be defined

**TRAVEL:** Required

**REMOTE OR ONSITE:** Onsite

**RELOCATION:** To be defined

**INTERVIEW TYPE:** Telephone and Company Site

**All applicants must include a cover letter and salary requirements to be considered.**

Cover letter must provide the following:

1. Introduction
2. Reason that individual would be the best fit for the position
3. Questions about the position.
4. Salary Requirements

AirDyne Aerospace participates in E-Verify employment authorization.

AirDyne Aerospace is compliant with 52.222-35, Equal Opportunity for Veterans; and 52.222-36, Equal Opportunity for Workers with Disabilities. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, disability, age, genetic information, or protected veteran status.