



Job Title: Quality Engineer
Reports To: Quality Manager

Summary of Position:

The Quality Engineer is responsible for supporting three critical areas of the organization:

- Support the Quality Management System structure by meeting or exceeding regulatory, industrial and customer quality requirements.
- Ensure that products purchased or manufactured by this organization meet their technical requirements.
- Develop customer and supplier relationships while ensuring timely resolution of assigned quality issues.

Duties and Responsibilities:

- Must work in a safe manner, follow all safety rules, and wear PPE as required.
- Act as a Company representative in interfacing with customers and suppliers on quality issues including problem resolution.
- Prioritize quality issues/assignments in accordance to business needs.
- Complete data analysis using Pareto and trend charts to solve systemic quality problems.
- Utilize 5 Why's, Cause and Effect diagrams, A3s, and other problem-solving tools.
- Work closely with organizational departments and stakeholders to solve complex quality issues.
- Use one's technical knowledge to solve complex quality issues.
- Use one's knowledge of AS9100 and Quality Management Systems to improve internal and supplier performance. Contribute to the continuous improvement of the organization by supporting the corrective action program.
- Organize and manage meetings and dispositions of all parts entering the Material Review Board (MRB) and take necessary actions to prevent future occurrences. Systemically keep MRB inventory to a minimal.
- Essential asset in reducing the Cost of Poor Quality internally and with suppliers.
- Navigate through the manufacturing environment by understanding job routings.
- Review and generate First Article Inspections.
- Conduct internal and supplier audits as necessary.
- Improve supplier quality performance through supplier monitoring and supplier quality development.
- Possess strong GD&T and electrical knowledge.
- Use measuring devices to verify dimensional characteristics (Calipers, height gages, CMM or others).
- Ability to make difficult quality decisions through the extrapolation of quality data.
- Implement processes that allow inspection of parts directly from engineering data.
- All other duties assigned.



Core Competencies:

- Commitment to company values and ethics
- Dependability: personally responsible, completes work in a timely manner, and performs tasks accurately
- Motivation: must maintain a positive attitude and strong work energy
- Analytical skills: must be able to gather information and use data to determine cause and effect for complex problem solving
- Communication: excellent interpersonal and oral and written communication skills
- Independent: must have the ability to carry out and follow through on tasks with minimal supervision
- Problem Solving: ability to develop and implement new ideas to improve processes
- Leadership: demonstrated ability to lead people and get results through others
- Management: must possess coaching and development skills
- Must maintain strict confidentiality and professionalism
- Organization: very detail oriented and always comes prepared
- Strong judgment and decision making
- Teamwork: works harmoniously with others to get a job done, responds positively to instructions/procedures, and works well with others
- Time management: ability to organize and manage multiple priorities and effectively deal with tight deadlines and pressure
- Strong competency with Microsoft Outlook, Excel, PowerPoint, Visio, and Word.
- Experience with Oracle Quality Modules or similar ERP System.
- Problem Analysis/Resolution
- Root Cause Analysis
- Corrective and Preventive Action

Qualifications/Education:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required.

- Minimum of 5 years in Quality Engineering, aviation preferred.
- Experience with managing supplier and customer relationships.
- Experience with materials management, inspection and production.
- Experience with manufacturing processes and tools
- Experience with engineering tools
- Experience with problem solving and quality system improvements.
- Strong working knowledge of Lean/Six Sigma tools, lean manufacturing certification a plus.
- Travel is required up to 25%.
- Education and/or Experience Bachelor degree (B.A./B.S.) from four-year college or university; or equivalent combination of education and experience.

Education and/or Experience:

- Bachelor of Science degree (B.S.) from four-year college or university in Mechanical, Aerospace, manufacturing or industrial engineering; or eight years related experience and/or training; or equivalent combination of education and experience
- Lean Six Sigma Green belt certification preferred
- Computer Skills; Solid Works, AUTOCAD, Microsoft Office and Outlook



Physical Demands/Work Environment:

The physical demands and work environment characteristics described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Must be able to lift a minimum of 50 pounds without stress. Must be able to comply with OSHA Standards for lifting objects.
- Must have visual acuity to inspect detailed parts per design data/drawings through close vision, depth perception and focus adjustment.
- Use hands to feel/touch parts.
- Frequently required to reach with hands and arms.
- The environment characteristic of this position is a manufacturing setting where noise, heat, cold, moisture, fumes, and chemicals are present. Candidate should be able to adapt to a traditional manufacturing environment.
- Some process applications could be performed in the exterior elements for short or extended periods.
- Should be able to travel.

While performing the duties of this job, the employee may be regularly required to sit, stand, bend, reach and move about the facility. The environment characteristic for this position is an office setting. Candidates should be able to adapt to a traditional business environment.

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