



Quality Engineer - Soundwich Inc.

Founded in 1987, Soundwich is a leading provider of acoustical/thermal and air-flow management products for the transportation, consumer, industrial and heavy equipment industries. The company is a full-service supplier that works in close collaboration with its customers to develop solutions that are both cost and mass efficient. Under general supervision and according to established policy and procedures, set-up and operate various sizes and types of machines automatically shaping parts to blueprint specifications and set-up charts. Complies with all of the safety rules. Maintain clean equipment.

Essential Duties and Responsibilities:

- Collaborate with customer's quality and engineering personnel to determine critical part features and review manufacturability of design, making design recommendations as necessary.
- Develop and submit PPAP documents for new product launches to meet customer requirements.
- Participate in the Advanced Product Quality Planning (APQP) activities
- Develop gages and checking fixtures for new or modified parts
- Facilitate gage studies to analyze initial and continuing suitability of measurement systems
- Coordinate pre-launch production trial run process monitoring.
- Facilitate the development of Process Failure Mode and Effects Analysis (PFMEA) and Control Plans.
- Facilitate and promote use of appropriate problem-solving techniques for effective root cause analysis and successful corrective action.
- Provide engineering support to operations ensuring consistent application of quality methodologies.
- Determine when process stability and capability studies should be performed on existing processes.
- Quality Management System
 - Recommend and implement enhancements to the quality system that result in improved corporate quality performance, increased customer satisfaction, and simplification of processes to reduce costs.
 - Ensure readiness for all internal and external quality audits.
- Interface with customers, fielding customer complaints and conducting wellness visits
- Promote and execute quality standards, inspection processes, test methodology, quality plans, documents and reports
- Conduct product and process audits
- Other duties, as assigned by Management

Education and Experience:

- Bachelor's degree in Engineering or minimum 5 years' experience as a Quality Engineer in a manufacturing environment.
- Three + years manufacturing experience
- Experience maintaining a certified quality management system (e.g. IATF 16949, ISO 9001)
- Track record of driving continuous quality improvement in a manufacturing environment

Job Knowledge, Skills and Abilities:

- Strong mechanical aptitude (i.e. intuitive understanding of mechanical processes)
- Understanding of GD&T; ability to read and interpret part blueprints and specifications
- Broad knowledge of theory and principles of statistics and statistical process control
- Diverse knowledge of inspection and control methods, techniques and documentation
- Experience in gage development and analysis
- Strong computer skills, including proficiency in MS Office Suites, statistical and process management software, database software and email
- Detail-oriented with the ability to prioritize when necessary
- Strong written and verbal communication skills

Training Requirements:

General Safety
Quality Management System
Department-specific procedures and work instructions

Physical Demands:

Occasionally required to lift up to 20 lbs
Regularly required to sit, stand, bend, reach and move about the facility

Personal Protective Equipment:

PPE is required when working in the plant and may include the use of safety glasses, hearing protection, steel-toed shoes, cut-resistant gloves and respirator.

Work Environment:

Occasional exposure to shop elements such as noise, dust, odors and fumes.

Will be required to perform other duties as requested, directed or assigned.