

QUALITY ENGINEER

Established, privately held manufacturing company that specializes in Metal Fabrication is looking for a Quality Engineer or Manager to join their team. Must have experience with ISO 9001:2008 and TS 16949.

Prefer an engineering degree: BSME, BSIE, but will consider experience.

Full-time, salary, bonus, benefits. Facility is expanding, good working environment.

Duties and Responsibilities

- I. Floor Needs
 - A. Assist in start-up at beginning of shifts
 - B. Assist in new part start-up and check out
 - C. Available as needed
- II. Customer Needs
 - A. New product needs and requirements
 - B. First part approvals and ISIRs
 - C. Assist in solving customer quality issues
 - D. Statistical analysis as required (process capability, R&R)
- III. Quality Tools
 - A. Determines suitability of quality tools for inspection of part features
 - 1. Bend boards (typically wooden or metal, for checking formed bends and lengths)
 - 2. Fixtures (typically metal, for checking complex parts and features)
 - 3. Gauges (pins, threads, feeler, etc)
 - 4. Measuring Equipment (commercially available items such as calipers, mics, tapes, height gauges, etc)
 - 5. CMM programming and training
 - B. Purchases Quality Tooling
 - 1. Works with vendors in design and build of fixtures
 - 2. Orders from commercial suppliers
 - C. Determines proper use of Quality Tooling
 - 1. Write instructions for use of tooling
 - 2. Train others in use of tooling
 - D. Manages condition of Quality Tooling to ensure functionality
 - 1. Certification
 - 2. Identification
 - 3. Calibration
 - 4. Maintenance and Repair
 - 5. Storage and control
 - E. Maintains documentation on Quality Tooling
 - 1. Quality tool design and purchase records
 - 2. Database
 - a. Cross reference tool # and 8-digit P/N
 - b. Description
 - c. Calibration (current and when due)
 - d. Tool storage location
 - 3. Measuring instructions
 - 4. Use instructions (master and on floor)
 - 5. Change records (history files)
- IV. New Projects
 - A. Participates in "New Project Reviews"
 - 1. Determines inspection requirements for new parts
 - 2. Understands critical part features
 - 3. Understands end use of product
 - 4. Offers suggestions for revision to tolerances/material
 - a. Engineering
 - b. Product Manager

- B. New project inspection tooling
 - 1. Determine inspection tool use
 - 2. Tool specification
 - 3. Design and acquire tooling
 - 4. Certify and calibrate tooling
- C. First Article Approval (ISIR) and Documentation
 - 1. Perform full inspection layout and document results
 - 2. Designate a part master sample
 - 3. Send sample part(s) to customer with applicable documentation and notify Product Manager
 - 4. Answer customer inquiries regarding samples, data
 - 5. Issues customer approval document when customer approves, notifying Product Manager, VP Engineering and Quality Assurance (places document in part master file)
- V. Quality Document Control
 - A. Ensure floor part drawings are current revision level
 - B. Ensure quality documents are updated as part drawings are revised

Skills: Developing and maintaining accurate records and reports; effective use of time and materials to ensure quality parts to the customer on time; analyzing and independently solving process problems; interpersonal communications verbally and in writing, with a diverse range of people; maintaining effective business relations with other departments and customers.

Contact:

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