

# Quality Engineer

## Job Description

**Compensation:** \$55K - \$70K Full time with benefits

**Responsibilities and Duties:** (Fluency in Japanese is a plus)

- Lead cross functional teams in quality investigation, root cause analysis, and development of action plans to resolve quality issues
- Audit the production process periodically, and review and analyze the audit results. Recommend changes to processes based upon findings, and follow up to verify the effectiveness
- Conduct the capability study using the latest and appropriate statistical techniques (SPC tool - MINI Tab/QS STAT) on a regular basis, and confer with production team or any other parties throughout the production life to verify the production process are in-capable, and in-control
- Lead in the development of Process Failure Mode and Effects Analysis (PFMEA)
- Review, update and maintain Control Plans and PFMEA's on regular basis
- Facilitate and promote use of appropriate problem-solving techniques for effective root cause analysis and successful corrective action
- Lead DPPM improvement for major customers
- Review and determine MSA (Measurement System Analysis) tools
- Perform and lead Gage R & R studies
- Review and analyze of check fixture designs, and manage the continual improvement of the process
- Develop an annual audit plan and train and direct the internal audit team members
- Lead and confer with the supplier Quality Team to identify the root cause of supplier defects, and verify the corrective action, preventive action implemented at the supplier side
- Lead all incoming inspection activities.
- Lead audits for supplier quality improvement, control of non-conforming materials, verification of corrective actions, and preventive actions for supplier defects
- Manage the improvement of the controlled document system, to include a final review of all changes to Hatsumono Inspection, daily quality inspections, check fixture inspection instructions, all work instructions, forms, and other associated documents to ensure compliance to the QMS
- Participate in quality system improvements activities, and annual QMS audit
- Lead the new QMS certification update from TS16949 to IATF16949
- Coordinate and direct 3rd party containment and surveillance audits
- Perform the appropriate actions per Toyo APQP process in launching new products, and production process
  - Develop, and submit PPAP documents
  - Dimensional Capability Data
  - Production Process Validation Data (PPV)
  - Product Validation Data(PV)
  - Inspection Standard
  - Inspection Report
  - Process Capability Data
  - Weld Capability
  - Validation Data
  - Process Flow Diagram
  - Control Plan
  - PFMEA
  - IMDS
  - Material certification
  - Gage R & R data, check fixture instructions, and PSW

**Qualifications and skills**

- Bachelor's degree in Mechanical Engineering or related field. (Equivalent experience may be considered)
- 5+ years' experience in Quality Process Control and Quality Assurance in a Tier 1 or 2 automotive environment
- Ability to conduct the statistical analysis using the SPC techniques
- Excellent computer literacy
- Ability to objectively review and quality objective data
- Understand GD & T and the ability to interpret print data correctly
- Minimum 3 years of experience managing a certified quality management system (e.g. IAFT, TS 16949, ISO-14001, ISO-9001)

For immediate consideration contact Jim at: [jim@leadingtechstaffing.com](mailto:jim@leadingtechstaffing.com) or call: 859-757-0287