

# Senior Quality Engineer

## Sr. Quality Engineer Responsibilities

- Document Root Cause and Corrective Action for internal and external issues
- Lead the facility focused quality activities including process control, root cause and corrective actions, documentation and execution of systems, and inspection.
- Work with engineering and customer to:
  - Review customer and industry documents for quality requirements
  - Define product quality requirements
  - Establish quality plan (inspection and process control) on products.
  - Resolve quality problems
- Coordinate and define vendor quality problem resolution with turnkey and consigned parts.
- Establish receiving inspection procedures for components in the facility.
- Make product and system quality decisions to applicable industry and customer requirements (i.e. IPC, ISO)
- Help teams resolve quality problems.
- Review production run data in a timely manner & address trends & data anomalies.
- Track and report on plant/team/cell and/or quality performance at pre-established intervals and report results and actions internally and to the customer.
- Maintain and update ESD policies
- An active member and lead auditor of the internal audit system. A resource and guide for the internal product/process audits.
- Participate in the coordinate and performance of calibration requirements.
- Assist customer contact with sales as required
- Champion the use of quality tools
- Identify key process characteristics and develop plans for process control and continuous improvement.
- Other related duties and/or projects as identified.

## Requirements

- Bachelors degree in technical or mathematics related field
- 8+ years experience in an electronics manufacturing environment with quality leadership required OR equivalent combination of education and experience
- Experience with implementation and use of SPC, Preventive and Corrective action, customer and vendor interface required.
- Six Sigma black belt preferred.
- ASQ technician or engineer certification preferred
- Ability to use problem-solving skills to investigate and resolve problems
- Critical thinking, problem solving, judgment and leadership skills.
- Demonstrated ability to lead without formal authority and to lead solutions to difficult and sensitive problems.
- Demonstrated success in the use of quality tools including (but not limited to): Parato analysis, SPC (run charts, Xbar R charts, box and whisker charts, P charts, U charts, scatter diagrams, Histograms, normal probability charts, CP, CPK, mean, median, mode, PPM, DPMO), Gage R&R, DOE, benchmarking, goal setting, project management, planning and scheduling, cost of quality, use and elements of an audit system, sample plans and application, FMEA, Kaizen, Flow charts, fish bone diagrams, affinity charts, check sheets, cause effect diagrams, corrective and preventive actions, methods for data collection.
- Intermediate to Advanced level PC based skills – ERP, MS Office required. MS Access, MS Project, Agile knowledge a plus.
- Electrical and mechanical aptitude required.
- Strong mathematical and statistical aptitude required.

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- Ability to read, write, listen, and otherwise communicate and understand effectively in English required.
- Excellent oral and written communications skills required. Ability to professionally represent our company to customers, auditors, vendors, and other outside contacts.
- Ability to analyze and derive conclusions out of similar experiences, without established precedent, policy or practices to rely upon.
- Excellent attention to detail and accuracy very important. Strong sense of urgency, and ability to manage and prioritize multiple tasks. Self motivated with the ability to work independently.
- Able to work in a fast paced environment with quickly changing priorities to ensure superior customer satisfaction

## Compensation Package

Generous salary with bonus and full benefits package including an environment that supports employees as they take on new challenges and celebrates their successes. In addition to offering a competitive salary and bonus opportunities, offers an excellent benefits package including a 401(k) plan, tuition reimbursement and medical, dental and vision.

Our Clients positions require use of information which is subject to the International Traffic in Arms Regulations (ITAR). All accepted applications must be U.S. Persons as defined by ITAR. ITAR defines a U.S. Person as U.S. citizen, U.S. Permanent Resident, Political Asylee, or Refugee.

Candidates may email updated WORD format resume and cover letter of interest to: [Teri@mrslic.com](mailto:Teri@mrslic.com).