



SENIOR QUALITY ENGINEER

EVERSPARK INDUSTRIES SDN BHD

🕒 Full-time

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ABOUT THE ROLE:

We are seeking a highly driven **Senior Quality Engineer** who will be responsible for implementing, and maintaining our quality management systems (QMS) to ensure our products, processes and systems meet internal and external standards. This role requires leadership in quality planning, problem-solving, leading external audits by suppliers, and following up with the Engineering team on their improvement projects.

The Senior Quality Engineer will act as a key interface between key stakeholders such as Production, R&D, QC & Engineering departments, to drive continuous improvement, quality systems compliance, and product reliability across the manufacturing process.

KEY RESPONSIBILITIES:

1. Quality Management Systems (QMS) & Compliance:

- Maintain and improve the company's quality management system (QMS), ensuring compliance with ISO 9001 and relevant industry standards.
- Plan and execute internal audits with the support of Engineering team; lead annual external customer audits.
- Implement timely improvement action plans from external audit results.
- Ensure all documentation, procedures, and records are controlled and updated with the support of the Engineering team, such as Quality Manuals, Control Plans, Work Instructions, PFMEA, and Standard Operating Procedures.
- Prepare and lead the IATF 16949 certification process from 2026 – 2027. Drive compliance with APQP, PPAP, FMEA, SPC, and MSA as per automotive requirements

2. Production (Product & Processes) Quality Assurance:

- Monitor and analyze quality trends from in-line inspection, final inspection, and customer returns, to detect and address quality issues.
- Investigate root causes of non-conformities and customer complaints using tools like 8D, 5 Why, and Fishbone analysis.
- Develop and implement corrective and preventive actions (CAPA) in collaboration with Production and Engineering teams.
- Support Production in maintaining process controls and improving first-pass yield.

3. Supplier Quality Management:

- Support Supplier qualification, by working with Purchasing dept. to qualify and audit suppliers to ensure compliance with quality requirements, especially for critical components.
- Address non-conformances in supplier quality and performance through effective communication with the Purchasing dept, and implement improvement plans where necessary.
- Manage Incoming Quality Control (IQC) procedures and standards with the responsible Quality Engineer.

4. New Product Introduction (NPI):

- Define the new product development and testing processes with the R&D team to ensure quality requirements are met from design to production, inclusive of the preparation of physical samples, ISIR reports, 3D drawings, BOM list, etc.
- Develop and validate quality control plans, FMEAs, and process validations.

5. Product & Process Traceability:

- Develop and maintain end-to-end traceability systems for raw materials, in-process components, and finished goods.
- Ensure traceability controls are implemented and verified at all stages of production.
- Analyze traceability data to support root cause investigations, defect containment, and product recalls when required.

6. Continuous Improvement & Training:

- Drive quality improvement initiatives using Lean and Six Sigma methodologies.
- Train production workers staff and other departments on traceability importance, procedures, and quality standards, with the support of Quality Engineers.
- Recommend changes to systems, processes, or procedures that will enhance quality performance and traceability controls.

7. Quality Strategy & Leadership:

- Develop and implement the company's quality engineering strategy in alignment with our business goals.
- Lead, mentor, and manage a team of quality engineers and quality technicians across different functions within the QC & Engineering dept.
- Establish departmental KPIs, drive accountability, and report improvement progress to the Management team.

QUALIFICATIONS & EXPERIENCE:

- Bachelor's Degree in Mechanical, Manufacturing, Industrial Engineering, or related field.

- Minimum 5 years of quality engineering experience in a manufacturing setting, preferably in the automotive or component sector.
- Certifications: IATF 16949 Certification (Preferred), ISO 9001:2015 Certification (Mandatory), Six Sigma Green Belt or higher (Preferred)
- Knowledge in APQP, PPAP, FMEA, MSA, SPC preferred
- Strong working knowledge of ERP and MES systems with quality management modules (e.g., Microsoft Navision, SAP, Oracle, Yonyou U*+, or equivalent).
- Solid knowledge of manufacturing processes, BOMs, routing, and production workflow.

KEY TRAITS & COMPETENCIES:

- Analytical mind-set with excellent problem-solving and investigation skills.
- Effective communicator with strong documentation and reporting capabilities.
- Ability to work independently and in cross-functional teams.

WORKING CONDITIONS:

- Split between office and production floor environments.
- Occasional travel for supplier audits or customer visits.
- Work on alternate Saturdays for each month due to the production schedule (Non-negotiable).

Employer questions

Your application will include the following questions:

- What's your expected monthly basic salary?
- Which of the following types of qualifications do you have?
- How many years' experience do you have as a Quality Engineer?
- Are you willing to undergo a pre-employment background check?

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