



About Me

Mechanical Engineer with over 11 years of experience in Quality Assurance, Supplier Quality, New Product Development, Customer Quality, Process Quality, and Product Validation within the Automotive Manufacturing Industry. Proven track record of enhancing product quality and reliability through meticulous attention to detail and innovative problem-solving. Adept at collaborating with cross-functional teams to drive continuous improvement and ensure compliance with industry standards.

Training/Professional Skills:

- 8D Training Program (Eight Disciplines Problem Solving - Given by Tata Autocomp Systems)
- Certified IATF 16949 Internal Auditor (Given by Tata Autocomp Systems)
- 7 QC Tools Training Program (Given by Tata Autocomp Systems)
- Core Quality Tools (APQP/PPAP/MSA/SPC/FMEA)
- Certified Six Sigma Green Belt

Core Responsibilities

Supplier Quality activities:

- Develop and maintain supplier quality agreements and performance metrics.
- Perform supplier audits, identify non-conformity and work with suppliers to provide corrective action plans.
- Ensure supplier materials and products meet company standards through inspection and testing.
- Investigate and resolve supplier complaints regarding quality issues.
- Collaborate with cross-functional teams to implement corrective actions for quality-related issues.
- Monitor supplier progress and provide regular status reports of supplier performance.
- Develop and conduct supplier quality training for internal departments and external suppliers.
- Drive continuous improvement initiatives to improve supplier quality and performance

Process Quality activities:

- Maintain product quality at all stages: Incoming, Process, and Final Quality.
- Plan and review Process audits, Product audits, MSA, and Layered audits.
- Regularly review non-conforming/rejected part handling, rework, scrap, and deviation processes.
- Ensure implementation and analysis of statistical core tools, including SPC and MSA studies.
- Conduct monthly reviews of in-process rejection, COPQ, and Quality Objectives.
- Analyze in-process rejection and COPQ with cross-functional teams to prepare and follow up on action plans.
- Plan and execute periodic calibration of instrumentation and gauging with traceability.
- Periodically review PFC, PFMEA, Control Plan, and Work Instructions.
- Prepare defect matrices and master samples at Final Inspection and Incoming stages.

NPD Quality activities:

- Oversee Product Validation (DVP) and reporting according to customer timelines.
- Conduct and analyze Vibration tests based on customer requirements.
- Maintain Quality Labs to meet the latest testing standards for clients such as Tata, Honda, MSIL, TVS, Toyota, and Suzuki.
- Develop new product PFC, FMEA, Control Plans, and Work Instructions in collaboration with cross-functional teams.
- Address quality issues during new product development through analysis and action plans with the team.
- Provide support during prototype and pre-mass trials alongside Process Engineering and secure mass production approval.
- Select and approve external laboratories for outsourced tests.

Customer Quality activities:

- Collaborate on customer complaint analysis and action plans, utilizing effective techniques such as QPRs, 8D, 7QC tools, and Six Sigma methodology (DMAIC).
- Understand customer audit criteria and expectations, and ensure their implementation.
- Communicate customer complaint analysis and reports effectively through SRMs, web portals, and email, focusing on reducing customer PPM and complaints.
- Implement change management related to customer complaint actions and improvements.
- Ensure linkage of CTQ parameters to FMEA and Control Plans.

QC – Packing & Final Inspection:

- Oversee PDI activities for TKML, MSIL, HMSI, JCB, TML, Komatsu, KOEL, and Piaggio.
- Monitor Q-Gate activities and prepare improvement plans with cross-functional teams.
- Ensure process quality for packing through product and process audits as per schedule.
- Plan and prepare layout inspection reports for all OEM customers biannually.
- Prepare monthly MIS reports for packing and PDI, including PPM and action plans.
- Implement and monitor MSA and calibration activities.
- Update skill matrices for packing and Q-Gate operators.
- Improve packaging materials to reduce transit damages.
- Standardize FIFO procedures from packing to dispatch.

Strengths:

- Structured Problem solving Techniques (7 QC Tools, 8D, DMAIC etc.)
- Analytical Skills: Proficient in root cause analysis and data-driven decision-making.
- Adaptability: Flexible to changing industry standards and organizational needs.
- Strong background in quality management tools and techniques

Professional Experience:

1. PMP Drive Systems INDIA Pvt Ltd

Feb 2025 to till Date

Designation: Assistant Manager- Quality

Company Profile :PMP Drive Systems India Pvt Ltd is a company that specializes in the design, development, and manufacturing of high-performance drives for various industries, including automotive, aerospace, and industrial. They offer a range of products, including gearboxes, gear pumps, and hydraulic systems. Customers include JCB, Sany, Wirtgen.

2. Southco India Pvt Ltd

Jan 2023 to Nov 2023

Designation: Assistant Manager- Quality

Company Profile : Southco, a global leader engaged in design, manufacturing and supplying in access hardware products like hinges, handles, and other access hardware solutions and performance-critical components. Customers include JCB, Tata Motors, Volvo.

3. TATA AutoComp GY Batteries Ltd. (TGY)

Sept 2016 to Jan 2023

Designation: Assistant Manager- Quality

Company Profile : TATA Auto-comp Systems GY Batteries manufactures a wide range of batteries for verticals including Cars, MUVs, SUVs, Two-wheeler, Commercial Vehicles (like tractors, trucks etc.) and Specialized Equipment. Customers include TVS, Yamaha, JCB, Honda, Tata Motors, MSIL.

4. HBL Power Systems Pvt. Ltd.)

Dec 2012 to Sept 2016

Designation: Assistant Manager- Quality

Company Profile : HBL Power Systems Limited is an India-based company that is engaged in design, development and manufacturing of specialized batteries and electronic solutions.

The Company's segments include Industrial batteries, Defence and Aviation batteries, and Electronics

Education:

- B.TECH Mechanical from JNTU KAKINADA, (2006-2010)

(Dayasankar B)