



DHEENAJ K

ENGINEER

Quality (Automotive, EV)

CONTACT

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TRAINING & WORKSHOP:

- Two days Industrial Automation Training at MCET - BOSCH REXROTH at Dr. Mahalingam college of Engineering and Technology
- Attended various one day training programs on PPAP, FMEA & MSA, SPC, APQP, Control plan
- Attended Various one day Training programs on Problem solving method, Root cause Analysis.

IT SKILLS:

- MS Office
- MS Excel
- MS Power point
- SAP
- Outlook
- AutoCAD

CAREER SUMMARY:

A skilled and highly motivated **Quality Engineer** with 8+ Years' experience in Composite SMC Panels and Electric Vehicle Assembly and Automotive & Automobile Filters such as Air filter and Oil Filters.

To work in a challenging environment to utilizes my abilities, education and skills for continuous improvement along with the growth of an organization.

- B-tech in Electrical Engineering from AMII, 2018 – 69%
- Diploma in Mechatronics from NTTF, 2014 - 66%
- HSC from GHSS Mathil, Kerala 2011 - 63%
- SSLC from GHSS Mathil, Kerala - 84%

PROFESSIONAL EXPERIENCE & SIGNIFICANT HIGHLIGHTS:

MAHINDRA CIE AUTOMOTIVE INDIA LTD., PUNE, MH

Quality Engineer (QA & QC) – Aug 2023 onwards

- Responsible for taking care of quality of SMC parts (Ev, Medical Equipment's, Automotive, Electrical).
- Conducting inspections and tests on raw materials, components, and finished products to ensure they meet specifications.
- Implementing SPC techniques to monitor production processes and identify deviations from quality standard.
- Implementing quality management systems to ensure compliance with standards and regulations.
- Involving in audits and inspections to monitor adherence to quality standards.
- Identifying areas for improvement in the process to enhance quality.
- Ensuring that all components, systems, and processes related to the product meet established quality standards.
- Investigating any quality issues or failures to determine their root causes.
- Providing training and guidance to other team members.
- Monitoring customer feedback and addressing any quality-related complaints or concerns.
- Documenting and maintaining records of quality tests, Inspections.
- Preparing the technical analysis report like 8D, One Page Report, SCAP, etc.
- Overall reduction in customer complaints, In process Rejection PPM & Scrap.

OLA Electric Mobility Pvt. LTD., KRISHNAGIRI, TN

Quality Engineer (Assembly) – Aug 2021 to Oct 2022.

- Implementing quality checks at critical points in the assembly line where errors or defects are most likely to occur.
- Ensuring that all components and subsystems are compatible with each other and meet design specifications.
- Conducting inspections at each stage of the assembly process to verify that components are correctly installed, aligned, and functioning as intended.
- Maintaining accurate documentation of assembly processes, inspections.
- Sustenance audit of Customer complaint actions & Effectiveness.
- Validation and implementation of actions.
- Analyzing data to identify areas for improvement.
- Conducting root cause analysis, formulating the corrective and preventive actions for the observed issues, implementation of the same.

SOGEFI Engine systems India Pvt. Ltd. (OEM), BANGALORE, KA

Quality Engineer (In process and Customer Quality) – Oct 2016 to July 2021.

- Creating, refining, educating, and implementing standard work and process adherence throughout the work force.
- Process interlinking with Poke-Yoke for prevention and Detection of defects.
- Maintain the required documentation & monitor it on regular fixed interval by conducting planned audits - CAPA.
- Doing of in-depth analysis of fuel filter for avoid failure in field, Corrective action implementation and verification of line issues, Implementing Action plan for preventing re-occurrences.
- Assurance of Quality - Supplier parts at assembly level for no issues as per intended design in supplier parts.
- Preparing & updating PPAP with periodical review of PFMEA & Control Plan with CFT.
- Performing In-Process inspection & Pre dispatch inspection before product is being dispatched to customer.
- Overall reduction in customer complaints, In process Rejection PPM & Scrap.

Quality Inspector – Apr 2015 to Sep 2016.

- Perform regular quality assessments on all incoming materials from vendors and outgoing products for shipping.
- Measure product dimensions, examine functionality, and compare the final product to the specifications.
- Recommend improvements to the production process to ensure quality control.
- Document inspection outcomes by completing detailed reports and performance records.
- Teach the production team about quality control concerns to improve product excellence.

Quality Trainee – Aug 2014 to Mar 2015.

- Sample Visual and dimensional inspection before production.
- In process inspection as per drawing and control plan in each production cycle.
- Reject all products and materials that fail to meet quality expectations.
- 5s assurance.
- Workflow check.

Axles India Pvt. Ltd., CHENNAI, TN

Production Trainee – Feb 2014 to July 2014.

- Production of the parts as per plan.
- Follow the work instruction for avoiding damages on the parts and for safe work.
- Feed raw materials into production machinery.
- Monitor the production process.
- Carryout basic quality and testing checks.
- Maintain work area and equipment's.

QUALITY TOOLS:

- 8D
- 7QC TOOLS
- FMEA
- PPAP
- CONTROL PLAN
- APQP
- LEAN

PROFESSIONAL SKILLS:

- Supplier initial feasibility
- Vendor Development
- Process Excellence
- Customer Satisfaction
- Process Optimization

KEY TO SUCCESS:

- Attitude & Self-Driven
- Shouldering key responsibilities & Good understanding
- Excellent communication & Personal relation skills
- Flexible with working environments

EQUIPMENT HANDLING:

- Pull Tester Machine
- Microscope Inspection
- Vernier Caliper
- Torque Analyzer
- Profile Projector
- Dyno Machine

LANGUAGE'S KNOWN:

English, Tamil, Kannada, Malayalam

Date:
Place:

DHEENAJ K