

SAKTHIVEL S

TRAINING

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Summary

Quality Training professional with comprehensive experience in developing and delivering effective training programs for manufacturing environments. Proven ability to drive continuous improvement initiatives, enhance workforce capabilities, and uphold stringent quality standards. Skilled in creating tailored training modules that increase operational efficiency and support organizational goals. Committed to leveraging expertise to boost quality performance and team proficiency.

Experience

HANON AUTOMOTIVE SYSTEM PVT.LTD., MECHINE OPRETOR

Chennai, India

2021 - 2023

TRAINING,

- Operated CNC (Computer Numerical Control) and SPM (Special Purpose Machines) for precision automotive component manufacturing.
- Handled industrial robots for part loading/unloading, transfer operations, and basic fault recovery.
- Set up and calibrated machines according to production requirements, including tool offsets, workpiece alignment, and parameter adjustments.
- Conducted in-process quality inspections using instruments such as vernier calipers, micrometers, and gauges to ensure dimensional accuracy.
- Performed basic maintenance, lubrication, and troubleshooting to minimize downtime.
- Followed 5S, Kaizen, and safety protocols to maintain an efficient and safe production environment.
- Recorded daily production data and reported any deviations or machine issues to supervisors.

MADRAS ENGINEERING INDUSTRIES PVT.LTD. QULITY

Chennai, India

2023 - 2025

TRAINING,

- Performed daily in-line inspections of truck parts, sub-assemblies, and final assemblies to ensure conformance to Mack quality standards and specifications.
- Monitored production line operations to detect process deviations, equipment issues, or assembly defects.
- Utilized precision measurement tools such as calipers, micrometers, torque wrenches, and gauges to verify component tolerances.
- Inspected welds, paint finishes, torque values, and fittings to confirm compliance with engineering drawings.
- Recorded detailed inspection data and nonconformance reports in the Quality Management System (QMS).
- Collaborated with production supervisors, engineers, and team leaders to correct issues and improve process consistency.
- Supported root cause analysis (RCA) and corrective/preventive action (CAPA) activities to address recurring defects.
- Participated in first article inspections (FAI) and pre-delivery inspections (PDI) for new or modified production processes.
- Maintained compliance with ISO 9001, OSHA, and Mack Trucks internal standards.
- Assisted in process audits and internal quality audits to verify adherence to documentation and work instructions.
- Provided feedback to operators on proper assembly and inspection techniques to minimize rework and scrap.
- Reviewed engineering change requests (ECRs) and ensured proper implementation on the line.
- Coordinated with logistics and material handling to ensure defective parts were quarantined and labeled correctly.
- Supported continuous improvement projects (Kaizen, 5S, Lean Manufacturing) to enhance production efficiency and product quality.
- Participated in team safety meetings and ensured all inspection activities followed proper PPE and safety protocols.

Skills

PRODUCTION • OEE • SPC • Rejection control • check sheet • lvsd • mos • UPH

QULITY • spc • contour • sop • control plane • sap • 3c&5s • document work

Skills

AUTO CAD · 2D drawing · 2d drafting · layer drawing · isometric drawing

SOLID WORKS · 3D modeling · 2d drafting · assembly drawing · sheet metal · BOM · GD&T

Training / Courses

Pumo technovation.chennai.

Auto cad

Solid works

Education

ST MARYS HIGH SCHOOL , SSLC.

2015 - 2016

Achieved 82% overall in SSLC examinations.

GOVT BOYS HR. SECONDARY SCHOOL, HCS

2017 - 2018

Achieved 59% overall in HSC examinations.

RAMYA SATHIYANATHAN POLYTECHNIC COLLAGE, DIPLOMA IN
MECHANICAL ENGINEERING

2018 - 2020

Achieved 77% overall in DME examinations.

Key Achievements

Quality Training Improvement

Developed and delivered training
programs boosting quality checks by 15%
at Hanon Automotive.