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PROFILE:

Well-qualified **Quality Control Engineer & Quality Assurance Engineer** proficient in documentation, reporting, and compliance standards. Meticulous and methodical professional with a deep understanding of manufacturing and production operations.

PERSONAL TRAITS:

- Ability to Work in a Team
- Problem Analysis Skill
- Self-Improvement
- Keen to Learn New Things
- Optimistic & Smart worker

EXPERIENCE:

SRIMUKHA PRECISION TECHNOLOGY PVT LTD
(MARCH 2024 - Present)

ASHOK LEYLAND, ENNORE (March 2021 – March 2024)

KNOWLEDGE IN:

- SPC, MSA, FMEA
- 5S Concepts
- 7 QC Tools
- GD&T

JOB RESPONSIBILITIES:

○ Conducting Study and Maintaining SPC, MSA, and FMEA Records for IATF 16949	○ Carryout Corrective action & preventive action for customer complaints (8D)
○ Recording Daily and Documenting MIS Reports	○ Eliminating customer complaints by taking CAPA for that issue
○ Making Error Proofing for the Critical process & repeated issues,	○ To prepare TDI to eliminate the same problem recurrence
○ Giving Quality confirmation to the finished product using SAP ,	○ To prepare One point lesson to avoid the wrong assembly
○ Checking the EDM component by using a layout diagram	○ Conduct 5S, Product, Layered CTQ, and Process Audit Inspection as per the control plan

TECHNICAL SKILLS:

- Able to operate **5CMM** and have knowledge in 5CMM reports.
- Knowledge in **SAP, ERP (ROAD MAP) , MS-OFFICE 365**.
- Can Handle any **Variable & Attribute** Gauges.
- And Also, Special Instruments like **2D Trimos** height gauges, **LYCA Particle Tester**, **Millipore** Cleanliness Tester, **Accu Plus**
- Hardness Tester, & Surface Roughness Tester.
- Profile Projector, Contour Measuring Machine, **Jenoptik** Machine & Video Machine.

PROJECTS & ACHIEVEMENTS:

Project Description	Project Observation & Analysis	Action Taken	Achieved Results
Poka-Yoke (Controlled Approach with Fixed Value Method)	ICC Raised for Engine Seized & Found Cause of Wrong Cam Bush Assembly	Cylinder With Pin Arrangement Installed and Checking Mechanism implemented at End of The Cam Bush Pressing Cycle.	0- ICC & ECC on That Defect
Poka-Yoke (Controlled Approach Motion Step Method)	Wrong Type liner Pressing Leads to Rework and Liner Damage	Implemented AI Camera to Detect Liner Grades Before Pressing	Reduced From 112903 PPM to 16129.03 PPM In Q-Gate Achieved
5-S (1S-2S-3S)	Inspection Cycle Time Was High Because of Gauges Mixed Up and Frequently got Wear and Damaged	Provided Dedicated Gauge Box with Specific Slots in Foam	Searching Time Reduced, Zero Possibly of Gauge Damage

ACADEMIC PROFILE:

Degree/ Course	Institution	Board/University	Year of passing	Percentage
B.E (Mechanical& Automation Engineering)	Agni College of technology	Anna university	2020	7.12(CGPA)
HSC	ST. Anthony's Matriculation Higher Secondary School	State Board	2016	67%

INPLANT TRAINING:

1. SINTEX – BAPL LTD, Sriperumbudur, Chennai
Duration: 6 Days (With Certificate)
2. TAFE, Kelambakkam, Chennai
Duration: 5 Days
3. SUPER AUTO FORGE PVT LTD, Medavakkam, Chennai
Duration: 6 Days (With Certificate)
4. CIPET, Industrial Estate, Guindy, Chennai
Duration: 3 Days