

SURAJ SP

Byalya, Madhugiri Taluk, Tumkur District, Karnataka - 572175.

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ROFILE

- A competent Mechanical Engineer with 5 years combined experience as a Quality Assurance Engineer.
- Currently associated with Maini Precision Products Ltd as Quality Engineer.
- Well acquainted with Industrial working culture in handling single & multi tasks

KEY SKILLS

- Quality Assurance: Product and Process audits, Statistical Process Control (SPC), Control Plan, Standard Operating Procedure (SOP), **PPAP , 8D report, 7QC tools, 5Whyanalysis, Measurement System Analysis (MSA), Gage R&R**, and First piece approval of new setting parts.
- 5S Plan, calibration, SOP, Layout inspection, Work instruction, Product defect identification, etc.
- Measurement Machines: Roundness Tester machine (Zeiss), Surface Roughness Tester (Zeiss), Contour Record (Zeiss), Profile Projector, (Rapid-I) Vision Measuring System, 2D Height gauge (Mahr).
- MS Office.

PROFESSIONAL EXPERIENCE

➤ Working as a Quality Engineer at Maini Precision Products Ltd, Peenya, Bangalore.
➤ Period : <i>APRIL</i> 2021 to Till now
➤ Manufacturing: Maini Precision Products is a diversified manufacturer and supplier of high Precision components and assemblies, automotive & Industrial and aerospace sectors.
➤ Customer : Borg warner, Eaton, Cummins, Volvo, Greenwood.

ROLES AND RESPONSIBILITIES

- Perform inspection of incoming products, materials or customer items according to job order, such as measure and record the dimension of NPD components/parts using measuring instruments and analyze the findings for discrepancy
- Prepare a Process Quality check sheet and inspect the NPD parts as per check sheet at different stage of manufacturing process.
- Responsible for Development parts approval. Study of drawings, customerspecific requirements and implementation at supplier end.
- Planning and Conducting Process audit, Product audit, coordinate internal audit.
- Updating control plans for all process in co-ordination with process control department.
- Maintaining department related Documents Approval Records, Rejections Details, Action Plans Root Cause Analysis, inspection Reports.
- Identifying and analyzing root cause for in process, supplier and customer rejections by using 8D technique.
- **IATF Internal & External Audit coordination documentation NC closer.**
- **SAP related activities**:, Scrap entry.

WORKED EXPERIENCE

➤ 1). Worked as a Quality Assurance Engineer at Searock Precision Product Pvt Ltd
➤ Period : AUGUST 2017 - APRIL 2019, kumbalagodu,
➤ 1). Worked as a Quality Engineer Fusion Technical Services
➤ Period :JANUARY 2020 - FEBRUARY 2021

ROLES AND RESPONSIBILITIES.

- Q-Issues analysis, Process audit and product audit. .
- Maintaining quality check reports.
- Part of Gauge R&R measurement system analysis.
- Automated inspection using VMM(ESSION),
- Quality Inspection for Incoming and Final products.
Expert in Measurement instruments like Bore gauge, Height gauge, Vernier caliper, Micrometer,
- VMM,Contour, Attribute and Variable Gauges
- FMEA (Failure mode effects analysis), CP (Control plan), 8D, 7QC Tools
- 5S Process audit, Product audit, GD&T Symbol.
- Hardness Tester, Surface test, Video Measuring Systems and Air gauge.
- **Conducting process audit and product Audit according to IATF 16949.**

ROLES AND RESPONSIBILITIES

- Measuring Instrument handling
- Incoming & Outgoing inspection.

IT PROFICIENCY

- SAP-Rejected Parts entry in SAP on daily basis and ensure the scrap accountability.
- MS Office – Excel, Word, Power point

EDUCATIONAL DETAILS

- Bachelor of engineer in mechanical from **Bangalore College of Engineering Technology (VTU)**, Bangalore in the year of passing 2016
- **Government Polytechnic Tumkur** / Diploma 2010 - 2013, Tumkur
- **Government Junior College Byalya** / Degree 2010, Byalya

LANGUAGES

English, Hindi, Kannada, Telugu

DECLARATION

I am confident of my ability to work in a team; I hereby declare that the information furnished above is true to the best of my knowledge.

SURAJ S P