



MANOJ S

MECHANICAL ENGINEER

CONTACT

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SKILLS

Safety	100%
GD&T	90%
Testing	80%
Planning	75%
Welding	60%
Solidworks	60%
AUTOCAD	60%
Pro-E	50%

EDUCATION

JAYASURYA ENGINEERING COLLEGE
THIRUVALLUR, CHENNAI
2014-2017

B.E. Mechanical Engineering with
an overall GPA 6.45

| Won Drawing Competition |
| Participated in Symposiums |
| Team Player in College Basketball

INTEREST

- Product Development
- Material Management
- Welding & Inspection
- Resource Planning
- PLC Designing & Programming

PROFILE

Deadline driven and highly skilled Production Engineer with 5.3 years of career experience. Possesses a multitude of honed skills, including material procurement, product optimization, and research and development process improvement, design, and implementation. Demonstrated excellence in team building and leadership, problem-solving, and analytical thinking skills.

WORK EXPERIENCE

BENCO THERMAL TECHNOLOGIES PVT. LTD., – PROJECT ENGINEER

SEP 2021 – Present (1 year 1 month)

- Preparation of commissioning, erection schedule to meet the target with in planned timeframe.
- Coordinated manufacturing, construction, installation and maintenance projects for engineering team to complete per customer requirements
- Worked as per structural framing drawings and required steel detailing for industrial project.
- Provided technical support during startup testing system commissioning and performance monitoring.
- Hydraulic test of pressure parts, Gas leakage test in Ducting, Air pre-heater etc
- Manpower handling and stage inspection of structure sites
- Organize Daily Customer Meeting and know their Technical Needs
- Approach and resolve the problem using the Best-Known Method and Management Systems
- Collect information and understand the root cause of the issue

METLORD ALLOYS PVT. LTD., – PRODUCTION ENGINEER

JUNE 2017 – AUG 2021(4 years; 2 months)

- Creation of BOM for sheet metal required for production of Sidewall Workflow and Timeline Planning for Sidewall production material and process planning for each stage of Workflow.
- Calibrate Inspection Equipment's and document the data.
- Verify the Material Standards with Company's Purchase Document.
- Test the material source for Bending, Elongation and Tensile Strength using Universal Testing Machine.
- Verify Chemical Composition of the Material using Spectrometer and the Material Grade. Analyze and Verify GD&T for each process.
- Monitor Laser Welding and verify that there are no holes are any other deformities apart from the diagram provided.
- Verify the Quality of the assembled parts and perform Leak Test.
- Rectify and Repair the deformities using Dye Penetration Test.
- Confirm the process completion and drive the sheets to Spot Weld.
- Monitor Spot Welding and Verify the completed parameters using Chisel Test
- Drive the welded Frames and Sheets to Production Line and assemble the welding parts
- Verify the Quality of the assembled parts and perform Leak Test
- Drive the verified assembly to Car Line for further process for Roof assembly