

SHALU ABI *Quality Electrical Engineer*

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 COIMBATORE

 15-6-2000

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Detail-oriented and certified Quality Engineer with over 2 years of experience in quality assurance, process improvement, and regulatory compliance across manufacturing and production environments. Proven expertise in implementing ISO 9001 standards, conducting root cause analysis, and driving continuous improvement through Six Sigma methodologies.

Professional Experience

Quality Electrical Engineer, BNC MOTORS PVT LTD ,COIMBATORE

08/2023 – present

COIMBATORE,

INDIA

- Responsible for Supplier Part inspection and approval at the supplier end and the incoming stage.
- Root cause analysis and conduct CFT meetings for customer complaints.
- Document Verification and validation testing (In-house and Supplier end)
- Supplier Visit for problem analysis and correction
- Daily department review of QPR status, GRN, Line rejections, and Rework/segregation status.
- Implementing counter measures against internal and warranty complaints.
- Monitor the corrective action from the supplier's end to ensure the proper closure of action points
- Responsible for inspection and NC data management
- Proficient in the use of instruments such as RPS (Regulated Power Supply), multimeter, voltmeter, tachometer, and vernier caliper
- Incoming inspection for ECU, MCU, DC-DC Converter, flasher with buzzer, Indicator switches, Relay, etc...
- Preparation of One Point Lessons, QA Alerts ,QPR status, inspection standard.
- Handling customer /supplier complaints and monitoring effectiveness .
- Able to read all types of drawing.

Languages

English , Malayalam ,Tamil

Skills

ISO 9001



IS 9433 & IS 4815

AIS Standard



AIS-037

IATF Standard



IATF 16949

C programming



Pointers , Functions , Operators ,Loops,
Arrays

Certificates

Bachelors in Electrical Engineering -2023

Strong foundation in control systems and instrumentation, with experience in designing feedback and automation loops.

Interests

Travel, Team sports,Watching documentaries

Projects

Load Bank, Resistive Load test

2025

Checking the maximum current rating of the DC-DC converter with a resistive load using a halogen lamp

Pigtail Setup, Flasher with buzzer

2024

Checking the functionality of the indicator using RPS.

Continuity Test, Ensuring Proper Connections

2024

Components like switches, fuses, and relays can be tested to verify they are functioning correctly and not broken internally.

Electric Vehicle Driving Range Improvement System,

2023

BTECH EEE -PROJECT

Implementation of regenerative and solar-powered systems to improve the driving range and energy efficiency of electric vehicles, as well as to reduce mileage issues.

Organisations

IEEE, Membership

Administrative support to technical contributions, leadership positions, and event planning.

2019 – 2023

kozhikode, India

References

Gowtham.A, Assistant Manager, BNC MOTORS PVT LTD

Gowtham.a@bncmotors.in, 9042843820

Surya B, Engineer, BNC MOTORS PVT LTD

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Siby Johns, Manager, TVS MOTOR PVT LTD

9787848364

Declaration

"I hereby declare that the information provided above is true and correct to the best of my knowledge and belief."

SHALU ABI