

# SHALU ABI *Quality Electrical Engineer*

✉ shaluabi433@gmail.com    ☎ 9072475003    📍 COIMBATORE    📅 15-6-2000  
🇮🇳 Indian    🧑 Single    🔗 [linkedin.com/in/shalu-abi-ob7706269](https://www.linkedin.com/in/shalu-abi-ob7706269)

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  
surya.b@bncmotors.in, 9384759169

**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."

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**SHALU ABI**