

Electrical Technician

Description

Boson motors is a start up in EV space. We are working on solving farming/agricultural automation problems with robust EVs.

We are looking for a skilled and detail-oriented Electrical Technician with 2 to 4 years of experience in EV manufacturing or automotive electrical systems. The ideal candidate will support the assembly, testing, troubleshooting, and maintenance of electric vehicle components and systems.

Responsibilities

Key Responsibilities :

- ☑ Assist in the assembly and integration of EV electrical systems including wiring harnesses, battery packs, power electronics, and charging units.
- ☑ Execute torquing operations as per torque specifications on electrical fasteners, busbars, and terminals.
- ☑ Perform precision crimping of terminals and connectors for wiring harnesses and battery assemblies.
- ☑ Perform diagnostic tests and troubleshooting on electrical components and systems.
- ☑ Read and interpret electrical schematics, SOP's, and technical manuals.
- ☑ Support in installation, testing, and commissioning of electrical subsystems in vehicles.
- ☑ Conduct preventive maintenance and repairs as needed.
- ☑ Collaborate with engineering and quality teams to resolve technical issues.
- ☑ Ensure compliance with safety standards and regulatory requirements.
- ☑ Document all maintenance and repair activities.

Qualifications

- Diploma/BE in Electrical/Electronics Engineering or related field.
- ☑ 2–4 years of hands-on experience in electrical work within automotive or EV manufacturing.
- ☑ Strong understanding of DC/AC systems, high-voltage systems, and battery management.
- ☑ Familiarity with tools like multi-meters, oscilloscopes, and other diagnostic equipment.
- ☑ Experience working with wiring harnesses, PCB boards, connectors, and electrical enclosures.
- ☑ Good problem-solving and communication skills.

Preferred Qualifications:

- ☑ Experience in EV startups or battery pack assembly is a plus.
- ☑ Knowledge of CAN communication and EV charging standards is a bonus.

Button

Button

Hiring organization

Boson

Employment Type

Full-time

Date posted

May 15, 2025