

Quality Engineer (Electrical & Electronic)

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 Quality Engineer - Electrical & Electronics who can Develop and implement quality control systems. Ideal candidate will work in a fast-paced start-up environment to bring up innovative and robust products for off-road EVs.

Responsibilities

Roles and Responsibilities :

- Read and understand moderately complex to over-specified blueprints, wiring diagrams, bill of materials, and schematics.
- Identifies discrepancies between customer requirements and finished product.
- Performs visual check of completely finished product following customer specs and/or QC report procedure.
- Performs highly complex troubleshooting and problems solving of electrical, electronic or electro-mechanical operations.
- Determines cause of errors and establishes a game plan to remedy errors to bring the product to the proper level of conformance.
- Interacts with the Engineering team on a regular basis to determine appropriate specifications and corrective actions when discrepancies arise.
- Interacts with Assembly operations regarding problems with wiring assembly.
- Makes minor to over specified adjustments and modifications to product.
- Performs OHM check, input output, PLC, etc.
- Provide training and guidance when new testers are hired to the department.
- Works closely with supervisor to ensure quality standards and shipment commitments are met.
- Utilizes a wide variety of Electrical electronic hand tools, air tools, and measuring equipment.
- Continuously provides input to supervision, engineering, and quality groups relative to product improvement.
- Completes test reports, quality documentation, data collection, etc. as required
- Develop & implement test kit to inspect incoming electrical, electronic components.
- Develop & implement inspection method to analyze product quality.
- Establishes and maintains a safe and healthful working environment in accordance with OSHA requirements. Performs other tasks as may be requested to assure the effective and continuous utilization of assets.

Qualifications

Required Skills/Capabilities :

- 8D and 5Why corrective action and problem-solving skills
- Knowledge of core tools like measurement tools, CAD, QMS etc.
- Knowledge of ISO9001 Quality management system
- Proficient in Microsoft Office (Word/Excel/Outlook)
- Knowledge in Six sigma, Risk assessment and 5S implementation will be an added advantages.

Hiring organization

Boson

Employment Type

Full-time

Date posted

May 15, 2025

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Qualification & Experience :

Minimum of 5-7 years of relevant experience (Quality Engineers – Electrical & Electronic) in Automotive / Battery Industry.

Degree B.E in Electrical & Electronic Engineering only preferred