

## < Senior QC Test Engineer >

Reports To: Vic Yao

Location : Chiayi - Taiwan

Effective Date : 01/01/2026

### ROLE DESCRIPTION

The Senior QC Test Engineer is responsible for ensuring that all products meet the required quality and performance standards before shipment to customers.

This role includes leading the testing, inspection, and validation of electrical and mechanical assemblies; developing and maintaining test procedures; coordinating with engineering teams to resolve issues; and driving continuous improvement in quality control processes at the supplier site.

In addition, the Senior QC Test Engineer must routinely review the production line to verify that the supplier is following the agreed processes and specifications, and that sufficient time is allocated for proper QC inspection.

### KEY RESPONSIBILITIES

- Lead and perform functional, electrical, and environmental tests on products according to TX specifications.
- Develop, review, and update test procedures, checklists, and quality documentation to ensure compliance with company and customer requirements.
- Oversee the setup, calibration, and maintenance of test equipment and fixtures.
- Analyze test data, identify root causes of failures, and collaborate with design, manufacturing, and supplier quality teams to implement corrective actions.
- Ensure adherence to internal quality standards (ISO 9001 or equivalent) and customer-specific requirements.
- Participate in supplier audits, quality reviews, and continuous improvement initiatives.
- Prepare and maintain test reports, deviation logs, and non-conformance records.

### KEY CLIENTS

All suppliers, PLM and R&D, QE.

### QUALIFICATIONS

- **Education:** Bachelor's degree in electrical, Electronic, or Mechanical Engineering (or equivalent technical discipline).

**Experience:** 5+ years of experience in product testing, quality control, or validation within a manufacturing or supplier environment.

Strong understanding of electrical and mechanical systems, testing methodologies, and instrumentation.

Experience with quality tools such as FMEA, 8D, Root Cause Analysis, and Statistical Process Control (SPC).

Familiarity with standards such as ISO 9001, IEC, UL, or other relevant product standards.

Proficient in reading engineering drawings, wiring diagrams, and test specifications.

Excellent analytical, communication, and problem-solving skills.

Proficiency in English is important

### **Skills:**

- Strong leadership and mentoring ability.
- Attention to detail and commitment to quality.
- Cross-functional collaboration and proactive communication.
- Continuous improvement mindset.

### **KEY COLLEAGUES**

Collaborate closely with department heads, managers, and other stakeholders to align operational initiatives with business objectives. Foster effective communication and teamwork across teams to drive cohesive efforts toward operational excellence

Key collaboration areas include:

- Research & Development (R&D)
- Product Line Management (PLM)
- Quality Engineering (QE)
- Material Management

### **COMMUNICATION LINES**

**Collaborate with:** R&D, PLM, QE, QA, MM

**Consult with:** R&D, PLM, QE

**Inform:** R&D, PLM, MM

**Accountable to:** QC Manager

### **SUPPORTING DOCUMENTS**

<LINK TO SUPPORTING DOCUMENT> CV