

Job Description (JD) – Test Technician (RF)

### **Job Title**

Test Technician (RF)

**Position Type:** Contract

**Contract Duration:** 2–3 Months

**Work Schedule:** Night Shift

### **Job Summary**

The Test Technician is responsible for performing RF testing and basic troubleshooting to support manufacturing and product quality objectives. The role requires proficiency in RF test equipment, adherence to testing procedures and accurate documentation of results.

### **Key Responsibilities**

#### **RF Testing & Validation**

1. Perform RF testing on products and modules in accordance with approved test procedures and quality standards.
2. Operate RF test instruments including:
  - Spectrum Analyzer
  - Network Analyzer
  - Signal Generator
  - Power Meter
3. Execute standard and advanced RF tests independently.
4. Analyse test data and assist in identifying product performance issues.
5. Support failure analysis and debugging activities to determine root causes of test failures.
6. Basic troubleshooting and debugging of RF modules and assemblies.
7. Maintain assigned test equipment in good working condition.
8. Perform routine equipment verification, calibration coordination, and preventive maintenance activities.
9. Report equipment abnormalities and support corrective actions to minimize downtime.

#### **Documentation & Quality Compliance**

1. Accurately record and maintain test results in internal systems.
2. Ensure all test data is complete, traceable, and compliant with company quality requirements.
3. Follow established work instructions, quality procedures, and documentation standards.

#### **Continuous Improvement**

1. Contribute ideas for improving test efficiency, product quality, and manufacturing productivity.

2. Recommend cost-effective solutions to enhance test methods and reduce operational costs.
3. Support implementation of process improvement initiatives and best practices.

### **Safety & Compliance**

1. Comply with all workplace safety, EHS, and company regulations.
2. Complete mandatory training and maintain safe work practices in the laboratory and production environment.
3. Promote a clean, organized, and safe working area.

### **Requirements**

#### **Education**

NITEC, Higher NITEC, Diploma, or equivalent qualification in:

Electronics Engineering

Electrical Engineering

Telecommunications Engineering

Related technical disciplines

#### **Experience**

Experience in RF testing, electronics manufacturing, or test environments is an advantage.

Fresh graduates with relevant technical training are welcome to apply

#### **Technical Skills**

Knowledge of RF measurement principles and test methodologies.

Hands-on experience with RF test equipment is desired.

Ability to read test procedures, engineering drawings, and technical documentation.

#### **Soft Skills**

Strong analytical and problem-solving abilities.

Attention to detail and high level of accuracy.

Good documentation and record-keeping skills.

Ability to work independently and as part of a team.

Continuous improvement mindset and willingness to learn.

#### **Other Requirements**

Able to work rotating shifts, including night shifts, weekends, and public holidays when required.

Willingness to support overtime during production ramp-up or critical business needs.

Ability to work in a manufacturing and ESD-controlled environment.

#### **Key Performance Indicators (KPIs)**

Test accuracy and compliance with procedures.

Test throughput and productivity.

First-pass yield support and defect identification effectiveness.

Quality and timeliness of documentation.

Compliance with safety and quality requirements.

**Reporting To**

Senior Test Engineer

**Work Environment**

Electronics manufacturing environment.

RF test laboratory and production floor.

May require handling of sensitive electronic components under ESD-controlled conditions.