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Malaysia



PR/158983 | Test Engineer - Optical Products

Job Information

Recruiter[JAC Recruitment Malaysia](#)**Job ID**

1541047

Industry

Electronics, Semiconductor

Job Type

Permanent Full-time

Location

Malaysia

Salary

Negotiable, based on experience

Refreshed

June 3rd, 2025 17:00

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Company and Job Overview

A Singapore-based company specializing in manufacturing and repairing engineering and scientific instruments is looking for a Test Engineer to support both new product introduction (NPI) and sustaining product operations. This role involves product testing, process optimization, and troubleshooting to ensure quality and efficiency in test engineering activities.

Key Responsibilities

- Support NPI, product transfers, engineering changes, and setup, including evaluations and testing processes.
- Develop product test procedures, methods, and tools to enhance test accuracy and efficiency.
- Ensure test equipment and testers are properly qualified, calibrated, and maintained in compliance with relevant procedures.
- Troubleshoot and resolve test program, equipment, and tester-related issues to minimize downtime.

- Monitor product test yields, compile reports, and drive continuous improvement initiatives for test performance and RMA failure analysis.
- Maintain accurate documentation, records, and archived measurement data in compliance with product parameter requirements.
- Plan test capacity and manage spare parts inventory for optimal operations.
- Lead and train test/debug technicians in product troubleshooting and repair processes.
- Collaborate with cross-functional teams and customers to address all product-related concerns.
- Handle additional projects assigned by management.

Key Requirements

- Strong technical expertise in optical products and testing methodologies.
- Proactive and hardworking, demonstrating a positive attitude throughout the interview process.
- Ability to work independently while fostering a collaborative team environment.
- Proficient in written and spoken English and Chinese; ability to travel overseas for training.
- Experience with optical test instruments such as DCA, BERT, Wavemeter, OPM, and OSA.
- Expertise in handling optical fibers, passive components (e.g., optical coupler, circulator, IL, RL) and active components (e.g., EDFA, OSW).
- Strong understanding of optical test system operations, including calibration, troubleshooting, and preventive maintenance.
- Knowledge of station buyoff and release protocols, such as Gauge R&R, SPC test and control, golden sample regeneration, and tester-to-tester correlation.

Benefit

- Global exposure and the opportunity to work with industry-leading professionals.
- Career growth within a pioneering team in manufacturing and repairing engineering and scientific instruments.

Company Description