

Electronic Engineering Technician

Requirements – Experience, Knowledge and Skills

Essential Requirements: -

- ✓ HND/BSc level qualification or equivalent in related field.
- ✓ A systematic approach to fault finding, analysis, problem solving, repairing and testing from system to component level of analogue and digital communications systems.
- ✓ Understanding the issues affecting the reliability of our equipment and the implementation/deployment thereof.
- ✓ Use of laboratory and communications test equipment.
- ✓ CAD PCB & Design experience.
- ✓ Ability to provide supporting documentation for project/design, testing e.g. create configuration, functional description, test result sheet
- ✓ Clean driver's licence.

Job Description

Summary

The primary role is to work on development projects, production testing, production modifications and fault finding of fibre optic communication equipment. The work includes building and evaluating prototype and pre-production cards, factory (and occasional on site) acceptance testing of equipment/systems. To be self-motivated and able to work with minimal supervision to meet demanding deadlines.

Tasks

- 1) Development and design of products
- 2) Building, testing and configuring of analogue and digital communications equipment and systems, including PCBs
- 3) Creating/updating maintaining PCB circuit and layout drawings
- 4) Creation/updating maintaining of equipment & site documentation
- 5) Providing technical support to customers, suppliers and purchasing
- 6) Component evaluation & proving, sourcing components for manufacture of product and assisting with stock control
- 7) Fault finding and repair from system to component level
- 8) Occasional site work – installation, commissioning, site acceptance & maintenance
- 9) Management of small Projects and Prototypes/Product manufacture
- 10) Liaise with FTI's customers to ensure effective delivery & support of company products and services
- 11) Effective time management and team work

Responsibilities

- 1) Operating & complying with the companies H&S and QA policies in order to address the continuous improvement objectives, outlined under ISO9000
- 2) Maintaining excellent equipment reliability, high standards
- 3) Product meeting specification, establishing performance, build status and test results record
- 4) Maintaining ESD environment
- 5) Product Testing & Component Evaluation
- 6) Fault & Incident Reports, logging & recording
- 7) Test Equipment (+ Calibration), Laboratory Area
- 8) Meeting timescales