

## Electronics Technician

### Requirements – Experience, Knowledge and Skills

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

### Job Description

#### Summary

The primary role is to work on development projects, production testing, production modifications and repairs 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. 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 systems, including PCBs.
- 3) PCB circuit drawings, design layout updating & creating.
- 4) Creation/updating of equipment & site documentation.
- 5) Providing technical support to customers, suppliers and purchasing.
- 6) Sourcing components 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.
- 10) When required, able to liaise with FTI's clients to ensure effective delivery of company products and services.
- 11) Time management and team work.

#### Responsibilities

- a) Operating & complying with the companies H&S and QA policies in order to address the continuous improvement objectives.
- b) Maintaining excellent equipment reliability
- c) Product meeting specification
- d) Maintaining ESD environment
- e) Product Testing
- f) Fault & Incident Reports, logging & recording
- g) Test Equipment (including Calibration), Test Leads, Development Components
- h) Meeting timescales