

Description

This course provides additional training for those whom wish to increase their understanding or specialize in the field of fibre optic testing. Also covering techniques and fibre optic test equipment

Venue

Melksham, Wiltshire

Duration

5 Days

Prerequisites

CFOT or CPCT

COURSE CONTENT

Concepts of Fibre Optic Testing

- ◆ Introduction to fibre optic testing
- ◆ Common terms used
- ◆ Power & loss budgets
- ◆ Fibre types & recognising issues
- ◆ Fibre equipment types

Fibre Optic Installation & Commissioning

- ◆ Optical loss budgets
- ◆ Fusion Splicing, mechanical splicing and BFA's
- ◆ Test leads - Launch and reference
- ◆ Standards
- ◆ Testing procedures
- ◆ Documentation

Fibre Optic Fault Finding & Testing

- ◆ Advanced testing & common terms used
- ◆ Power & loss budgets
- ◆ Connectors
- ◆ Testing equipment & techniques

Understanding Chromatic and Polarisation Mode Dispersion and FTTx Test

- ◆ Effects of PMD & CD
- ◆ Limitations
- ◆ Connectors
- ◆ How to minimise PMD & CD
- ◆ How to test PMD & CD
- ◆ Additional considerations when testing FTTx
- ◆ Optimised test equipment
- ◆ Certification tools

Exam and Assessment Method

- ◆ FOA Multiple choice assessment