

Telco Test Equipment Training

DESCRIPTION:

If you have test equipment that you don't fully understand how to use, then we can help. Whether you use Exfo, Viavi (TTC / WWG / Acterna / JDSU), VeEx or any other manufacturers test equipment, Sumitomo, Fujikura or others fusion splicers, or any other testers, meters, scopes or measurement equipment, then we can help by delivering a training course to cover the technology, applications, correct operation and results interpretation via online meeting (Zoom, MS Teams) or face to face.

WHO SHOULD ATTEND:

- Technicians operating new test equipment for the first time
- New Technicians operating existing test equipment for the first time
- Staff needing to understand the underlying technology to be tested, and the standards that relate to testing that technology
- Staff needing hands on practice (i.e. Operating and interpreting an OTDR, Fusion Splicing and testing fibre optics)

SOME BENEFITS:

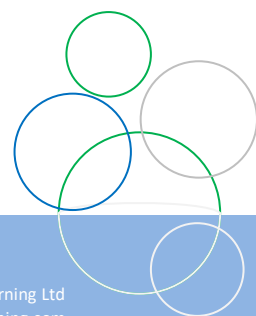
- Be able to correctly install, terminate and test fibre cables.
- Reduce maintenance calls due to incorrect installation, termination or testing
- Understand how to properly test a technology (i.e. RFC2544 for Ethernet UNI, Y.1564 for Ethernet EVC)
- Be able to verify test results and correctly PASS/FAIL a circuit or service, and produce reports to support the test.

FORMAT:

Typically 1 to 3-days, interactive classroom based, with lectures, discussions and hands on exercises using a mix of yours and our test equipment and network / circuit simulators.

Minimum attendees: 3 (NZL), 6 Overseas

Maximum attendees 9 (NZL), 12 Overseas



CONTENT:

Technology:

Layer 1

- Fibre Optics (Singlemode, Multimode, G-PON, O-LAN, WDM),
- Copper (PSTN, x-DSL, HFC Co-Ax)
- Wireless (Mobile, Wi-Fi, DAS)
- OTN
- Etc...

Layer 2

- PDH / SDH
- Ethernet
- Metro Ethernet
- Etc...

Layer 3 & 4

- IP
- TCP/UDP
- Etc...

Typical Tests:

i.e. Ethernet UNI & EVC, VoIP / SIP operation, BERT, Mobile Signal verification Etc...

Equipment Operation:

Copper Testers, Live Fibre Identifiers, VFL, Fibre Inspection Probe, Light Source & Power Meter, OTDR, Fusion Splicer. BER Tester, Transport Testing, Service Testing, Spectrum Analysers Etc...

Assessment (Optional for in-house courses)

- Instructor led interactive quizzes
- Multiple choice written test
- Practical Assessment

Contact us with details of your requirement. With 37 years of experience in Telecommunications and 24 years in Test and Measurement, we'll be able to tailor a solution to meet your needs.

