

Optilan Jointing Terminate and Testing Training School

Course FTN Preparation of GCO2 Closure for Non FTN conversant engineers - Programme Duration 3 Days

<p>Day 1 AM Introduction to GCO2 closure FTN Specifications for O.F. Closure Dem 1. UMS Technology Practical 1 Modular build of UMS Practical 2 Identify numbering system and fibre identification for Samsung Cable. Preparing Cable prior to Jointing</p>	<p>Practical 3. Setting up Cable and Strength Member Practical 4. Installation of heat shrink to port. Dem 2. Setting up base prior to populating with cable.</p>	<p>Day 1 PM Dem 3. Application of Sheath Gap Practical 5. Installation of sheath gap to cable sheath Dem 4. Removal of loose tube and fibre distribution to trays</p>	<p>Practical 6. Cable grounding and shielding termination. Practical 7 Use of dark fibre storage bins. Practical 8. GCO2 Quality Check Lecture 1. Introduction to Testing FTN Standard SP/FTN/(D&D)005</p>
<p>Day 2 AM Lecture 2. Practical Application of SP/FTN/(D&D)/005 Dem 5. Bi-Directional Splice loss tests Preparing the splice loss summary sheet Practical 9 Bi-Directional Loss Testing</p>	<p>Practical 10. Calculating the mean splice loss. Dem 7. Acquiring evidence and preparing a Splice Loss Exception Schedule.</p>	<p>Day 2 PM Dem 8. Bi Directional Insertion Loss Testing Calculating from cable parameters expected theoretical ILT Results. Comparison of empirical and theoretical Insertion Loss of installed cable.</p>	<p>Practical 11. Acquiring Insertion Loss Test Results Compliant with FTN Standard SP/FTN/(D&D)005 Practical 12. Quality Check on Test Results supplied to client. Course Summary Introduction to Skill Assessment Exercise</p>
<p>Day 3 AM Skill assessment Prepare cable prior to Jointing Cable Prep and demonstrated knowledge of UMS technology. Installation of cable into base of closure via assigned port. Shrink down of tube over port/cable.</p>	<p>Prepare fibre tubes and make off to UMS tube holder. Distribute fibre to assigned tray. Quality Check GCO2 before installing cap. Close Sheath Gap with Shrink Down Apply Crithchley Label Questionnaire on Joint Preparation, Closure and installation of sheath gap.</p>	<p>Day 3 PM Perform Bi-Directional Splice Loss Tests and prepare Bi-Directional Splice Loss Schedule. Acquiring evidence and preparing a Splice Loss Exception Schedule. Acquire section OTDR traces at nominated wavelengths. Perform Insertion Loss Tests and compare with calculated Insertion Loss Test figures. Prepare Test results for submission to Client.</p>	<p>Questionnaire on O.F. Testing to SP/FTN/(D&D)/005 Feedback from Assessor to Candidate on performance Results to candidate and Sponsor.</p>