

## **SIROCCO BLOWN FIBRE INSTALLATION TRAINING (1 Day Course)**

A training event covering Blown Fibre and the Sirocco Blowing Equipment.  
Preliminary details are given below for the Blown Fibre Installation Training course:

**Event Duration 1 Day**

**Event number FCT/O5/10**

**Title: SIROCCO BLOWN FIBRE INSTALLATION TRAINING**

**Start Time:- 9.00 Hrs**

**Finish:- 17.00 Hrs**

**Course Price:- On application**

**Location:- Prysmian Telecom Cables, Bishopstoke –**  
Customer premise training available on request

**Delegate Numbers:- Minimum 4 – Maximum 8**

### ***Overall Aim***

This event is designed to enable delegates to be trained to install blown fibre into the network.

### **Detail Objectives**

**Prerequisite:** The delegate has received prior training on the safety of Fibre Optics.

### **Overall Objective**

Given access to course material delegates will be able to identify key points for the installation of the Prysmian solution (SIROCCO BLOWN FIBRE)

Delegates will be required to perform as follows:- Practical 100% and Theory 80%

Delegates will be able to identify and describe key aspects of :

- **Sirocco Blown Fibre (EPFU)**
- **Sirocco Blown Fibre Tube Cable**
- **Sirocco Accessories and Plant**
- **Sirocco Blown Fibre Installation Equipment**

Delegates will be assessed to the satisfaction of the Trainer using a combination of: -

- Written question paper
- Practical assessment
- Verbal question and answer

## Teaching points

- A. Sirocco Blown Fibre (EPFU) and Cable (BFT)
1. Sirocco Blown Fibre Units & Preparation
    - a) Construction
    - b) Fibre Count (2-12)
    - c) Fibre Type (SM, MM etc)
  2. Blown Fibre Cable Preparation
    - a) Construction
    - b) Tube Count 1, 2, 4, 7, 12, 19 & 24 tube
    - c) Type (internal, DI, DB)
  3. Accessories e.g. connectors
  4. Internal Plant e.g. gas seal units
  5. External Plant e.g. branching units
- B. Sirocco Blown Fibre Equipment
1. Pan
  2. Pan Guide
  3. Sirocco Blowing Head
  4. Sirocco Petrol and Electric Compressors
  5. STILT (Sirocco Tube Integrity & Length Tester)
  6. Blowing Beads

## Approximate Course Time Table

Session 1	Session 2	Session 3	Session 4
1. Introduction. 2. Training Area & Site Safety. 3. Course Objectives. 4. Blown Fibre Health & Safety. 5. EPFU.	6. Blown Fibre Cable. 7. Blown Fibre Equipment. 8. Route Testing Demonstration 9. Route Testing Practical Exercise	10. Point to Point Blowing Theory. 11. Blown Fibre Demonstration. 12. Blown Fibre Practical Exercise	12. Applications 13. Repair Procedure 14. Problem Solving. 15. Review of CD 16. Review of Course.