



## AIR BLOWN FIBRE COURSE

### COURSE OVERVIEW

This unit is for delegates wishing to develop an insight into the concepts of blowing micro bundles of fibre from 1mm through to 2.5mm used in many applications from fibre to the home to back bone networks from single fibre through to 24 fibre blown units within micro ducts. You must complete Unit 201 Principles of communications cabling to obtain the full award.

### COURSE CONTENT

The course is designed to enable delegate to follow the correct procedures for blowing micro bundles inside blown fibre tubing (BFT) Delegates will learn how to complete the following:

- Complete a risk assessment
- Survey the route prior blowing
- Identify areas that may become problematic
- Terminate tubes correctly using the correct tools
- Create tube closures
- Manage repairs
- Tube continuity testing and air pressure testing
- Blowing principles and blowing a bundle
- Troubleshoot
- Look at and describe installation procedures both internally and externally
- Types of methods for installation of direct buried micro ducts and sub ducts.

### WHO IS THIS COURSE FOR?

This course is aimed at individuals who are looking to achieve a vocational qualification. For many years this qualification was not vocational but now under the new City & Guilds 3668-02, it has a firm place due to industry demand for blown fibre applications. Whether this be fibre to the home or in data centres etc. This course is ideal for:

- Installers
- Supervisors
- Fibre technicians
- Cable teams

### ASSESSMENT

Both written and practical assignments will be done to achieve a pass for the full award unit 101 communications principles must be completed and this would normally be completed in a workshop environment.