



# SBT02 – Small Bore Tubing

## Stage 1 Assemble & Install Small Bore Tubing with Cone & Threaded Medium & High Pressure

### ■ Target Audience

This one day module is aimed at learners who hold an ECITB small bore tubing twin ferrule approved course certificate, taken in the previous 6 months, or have attained the TSBT01 assemble and install small bore tubing assemblies – twin ferrule technical test.

### ■ Course Length

1 Day

### ■ Practical Content

50%

### ■ Theoretical Content

50%

### ■ Course Aims

To provide delegates with the training required to demonstrate the knowledge and practical skills of working with small bore tubing systems through an individual knowledge test and practical exercises, giving an understanding of the relationship between installation requirements and health and safety in the workplace, how to contribute to a good working relationship, and identify hazards in the workplace.

### ■ Course Content

- SBT systems and components
- Isolation of SBT systems
- Correct dismantling techniques
- Types of fittings used by manufacturers
- Tubing selection and identification
- Inspection of components and fault finding
- Correct use of tools – tube cutting, coning, and threading
- Tube bending
- Correct assembly of fittings
- Installation of SBT components and assemblies

### ■ Course Delivery

Classroom and Training workshop

### ■ Times of Training

09.15 – 16.30

### ■ Certification

ECITB Certificate of Training (**Learners are not considered technically competent at Stage 1.**)  
*Candidates will be issues with Work Based Task Assignment Personal Records to be used in Stage 2.*

### ■ Instructor

ECITB certified trainers.

### ■ Swagelok Training Academies

#### Swagelok Scotland, Aberdeen

1 Kingshill Park, Venture Drive, Westhill, Aberdeen, AB32 6FL

#### Swagelok Scotland, Motherwell

19 Glasgow & Edinburgh Road, Newhouse, Motherwell, ML1 5GJ

#### Swagelok Teesside

STEM Centre, Middlesbrough College, Windward Way, Middlesbrough, TS2 1QG

### ■ Contact

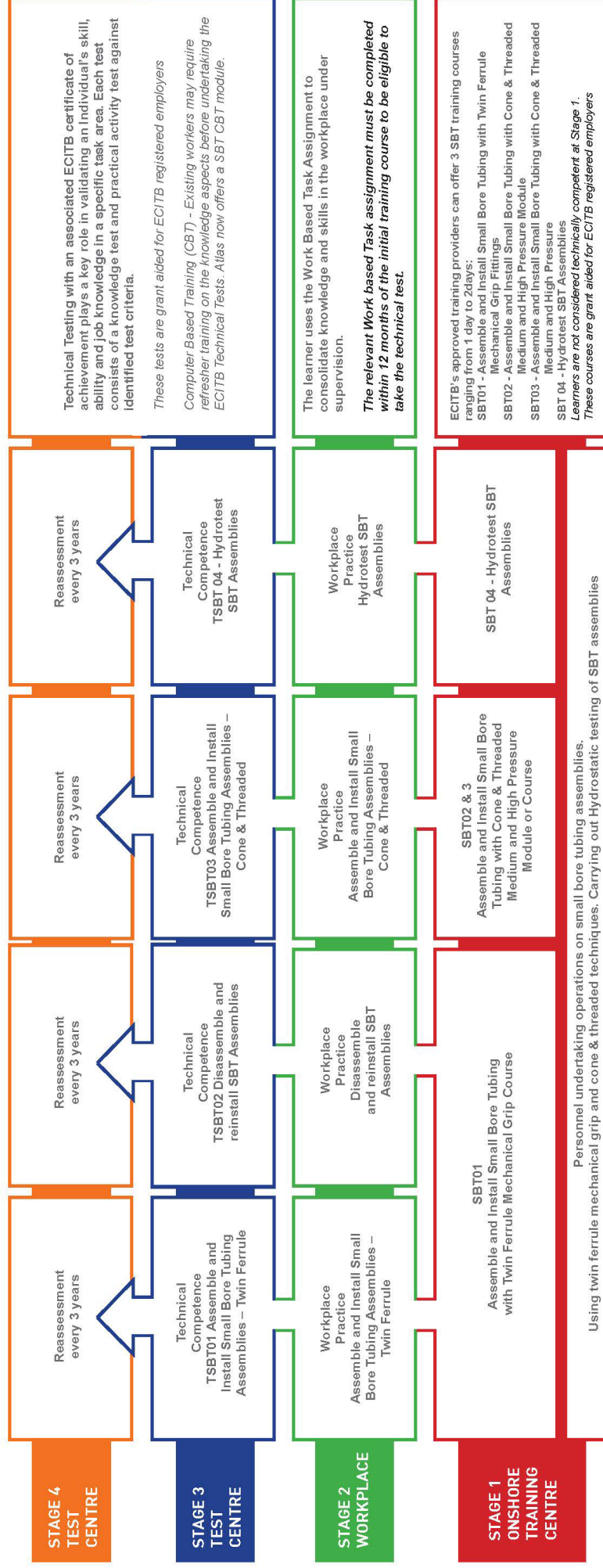
Onsite and offshore courses are available. For further details, please contact our training team at [scots.training@swagelok.com](mailto:scots.training@swagelok.com) or call +44 (0)1224 759916.

**PART NUMBER:**  
TSG-ECITBSBT02

ECITB in collaboration with Step Change in Safety introduced the SBT model in 2012 of training and validating skills in the small bore tubing assemblies. The 4 SBT approved training courses are derived from the ECITB Small Bore Tubing technical training standards with work based task assignments and 4 ECITB Technical Competence Validation Tests.

These technical training standards and technical competence validation tests cover - Isolations, dismantling techniques, inspection of components, replace components, install and pressure testing of small bore tubing assemblies.

## THE 4 STAGE ECITB/STEP CHANGE IN SAFETY SBT MODEL



## FURTHER INFORMATION

The list of ECITB approved training providers and ECITB approved test centres can be found on the ECITB website or contact your local ECITB Account Manager for funding information. Contact details are available on the ECITB website, please visit: [www.ecitb.org.uk](http://www.ecitb.org.uk)