

# SBT01 - Small Bore Tubing

## Stage 1 Assemble and Install Small Bore Tubing with Twin Ferrule Mechanical Grip Fittings Course

### ■ Target Audience

This two day Twin Ferrule Mechanical Grip Fittings course is aimed at learners with no previous small bore tubing training. Please review page 2 for details of the 4 Stage ECITB/Step Change In Safety SBT Model. This course is grant aided for ECITB registered employers.

### ■ Course Length

2 Days

### ■ 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

- HSE & Step Change Overview of HCR
- Health & Safety associated with SBT activities
- P & ID's for SBT systems
- SBT systems and components
- Isolation of SBT systems
- Correct dismantling techniques
- Fitting Types
- Tubing, Layout & Supports
- Component Inspection and Fault Finding
- Correct use of tools for cutting, prep, bending
- Tube Bending practices
- Correct assembly and installation of fittings
- Joint inspection
- Course Test-practical and written
- Contribute to good, safe relationships in the working environment

### ■ Delivery

Classroom and Training Workshop.

**PART NUMBER:**  
TSG-ECITBSMALLBORE

### ■ Certification

ECITB Certificate of Training (**Learners are not considered technically competent at Stage 1.**)

Candidates will be issued with Work Based Task Assignment Personal Records to be used in Stage 2

### ■ Instructor

ECITB Certified Trainers.

### ■ Times of Training

**Day 1** - 09.15 - 16.30

**Day 2** - 09.00 - 16.00

### ■ ECITB Approved Training Academies

#### Swagelok Scotland

Silvertrees Drive, Silvertrees Business Park, Westhill, Aberdeen, AB32 6BH

#### Swagelok Teesside

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

#### Swagelok Ireland

Unit 20, Southern Cross Business Park, Boghall Road, Bray, Co. Wicklow, A98 F590

### ■ Contact

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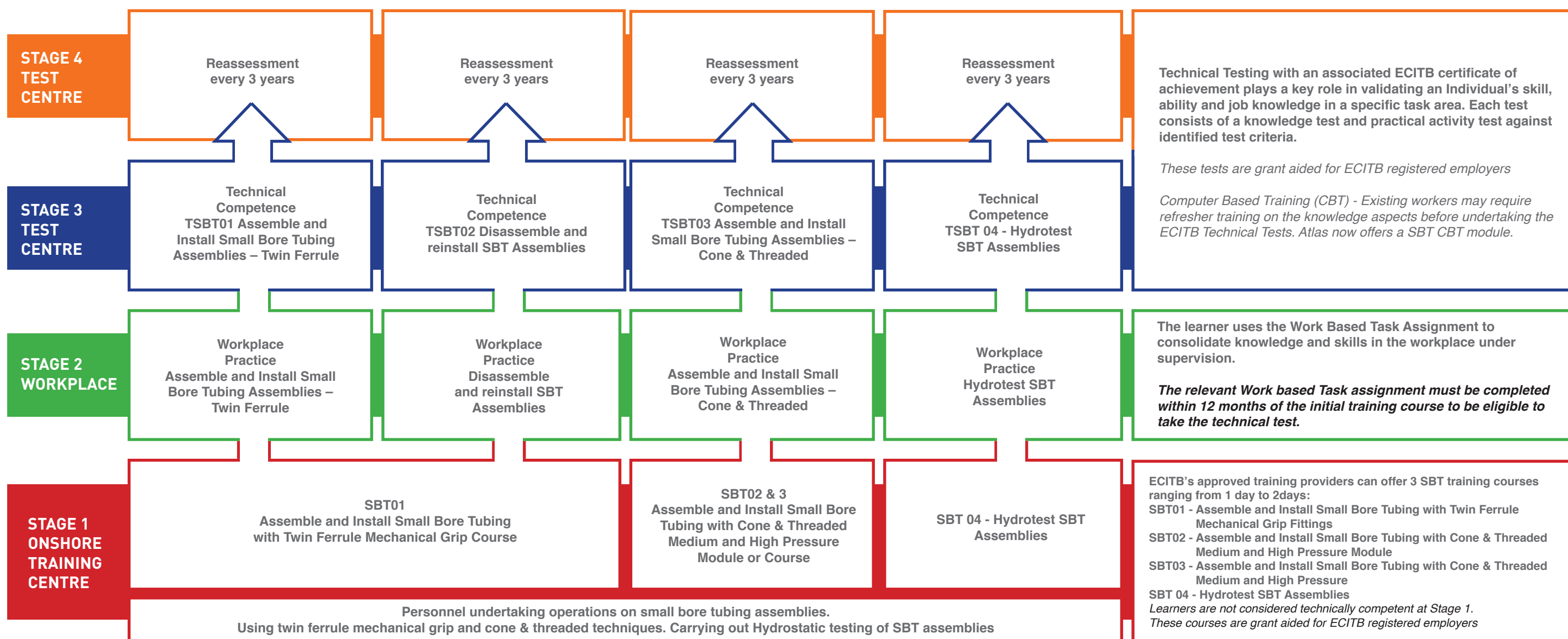
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ECITB in collaboration with Step Change in Safety introduced the SBT model in 2012 of training and validating skills in the small bore tubing assemblies. The 4 SBT approved training courses are derived from the ECITB Small Bore Tubing technical training 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, shape 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)