

# Swagelok® Training Academy Course List

## ■ Swagelok Small Bore Tube Fitting Installation - 1 Day

Knowledge and practical skills of working with Small Bore Tubing systems, tube fitting installation procedures, proper tube bending and troubleshooting.

## ■ ECITB Stage 1 SBT01, SBT02 & SBT03 - 1 to 2 Days

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.

## ■ ECITB Stage 3 Technical Tests TSBT01, TSBT02 & TSBT03

Technical Testing with the associated ECITB certificate of achievement plays a key role in validating a candidates skill, ability and job knowledge in a specific task or activity.

## ■ SBT: Design Elements - 2 Days

An awareness of the EI SBT Guidelines and industry best practice in relation to instrument hook ups, close coupling, vibration mitigation and identification and avoidance of static and dynamic loads. It aims to provide an understanding of the calculations used to determine design of rectoils, support spacing and tube bending.

## ■ Tube Bending Essentials - 1 Day

Comprehensive understanding of the various methods of tube bending. Each delegate will complete a variety of exercises comprising of 45°, 90° & 180° bends.

## ■ Thread Identification Essentials - 1/2 Day

Tools and understanding of how to correctly identify common thread forms and SBT system components. An awareness of pressure capabilities and pressure injection injuries.

## ■ MP & HP Cone & Thread Essentials - 1 Day

Comprehensive understanding of medium and high pressure fittings, correct coning and threading procedures, installation, maintenance and trouble-shooting techniques.

## ■ OPTECH - 1 Day

A comprehensive understanding of the maintenance and re-installation of Swagelok Tube Fittings and a focused instruction on operational activities regarding valves, filters and other Swagelok fluid system components.

## ■ Swagelok VCR Fitting Installation Essentials - 1/2 Day

An introduction to the functions and the sealing principles of face seal fittings. Correct procedures for assembly and reassembly are reinforced through the use of hands-on demonstrations and exercises.

## ■ Hose Essentials - 1/2 Day

An awareness of hose and flexible tubing construction, components, identification, selection and installation best practices. Inspection practices in line with the energy institute guidelines.

## ■ Materials Selection - 1 Day

An awareness of materials selection, associated standards and common NDE options. An understanding of the suitability of materials for various application conditions.

## ■ Swagelok M200 Orbital Welding - 1 Day

Comprehensive understanding of the Swagelok® M200 power supply and related products. To instruct on set-up, operation, purging, maintenance and trouble-shooting techniques.

## ■ Swagelok MHSU Operation & Maintenance

Practical hands-on instruction on the setup, operation and maintenance of both the under 1" (25mm) and over 1" (25mm) Swagelok Multihead Hydraulic Swaging Units. Covering practical instruction, gaugeability, break-remake and inspection of hydraulically preswaged Swagelok tube fittings.

## ■ Notes

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

### SWAGELOK SCOTLAND

AUTHORISED SALES AND SERVICE CENTRE

T. +44 (0) 1224 759900

E. [INFO@SCOTLAND.SWAGELOK.COM](mailto:INFO@SCOTLAND.SWAGELOK.COM)

W. [SCOTLAND.SWAGELOK.COM](http://SCOTLAND.SWAGELOK.COM)

### SWAGELOK TEESSIDE

AUTHORISED SALES AND SERVICE CENTRE

T. +44 (0) 1642 636320

E. [INFO@TEESSIDE.SWAGELOK.COM](mailto:INFO@TEESSIDE.SWAGELOK.COM)

W. [TEESSIDE.SWAGELOK.COM](http://TEESSIDE.SWAGELOK.COM)

### SWAGELOK IRELAND

AUTHORISED SALES AND SERVICE CENTRE

T. +353 (1) 2864088

E. [INFO@IRELAND.SWAGELOK.COM](mailto:INFO@IRELAND.SWAGELOK.COM)

W. [IRELAND.SWAGELOK.COM](http://IRELAND.SWAGELOK.COM)

