

OBT005

## ECITB Small Bore Tubing SBT01 Assemble and Install Small Bore Tubing Assemblies - Twin Ferrule

<b>Duration</b>	2 days
<b>Target group</b>	This 2 day Twin Ferrule Mechanical Grip Fittings course is aimed at learners with no previous small bore tubing training but can equally be undertaken by those with previous training or experience
<b>Prerequisites</b>	N/A
<b>Objective</b>	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.
<b>Contents</b>	<p>Work safely and minimise risk at all times</p> <p>Prepare work area, materials, tools and equipment.</p> <p>Perform Tasks on Small Bore Tubing Twin Ferrule Assemblies</p> <p>Reinstate the work area</p>
<b>Exam</b>	<p>Practical Exercise Requirement</p> <p>Exercise 1 Identify components on P&amp;ID's.</p> <p>Exercise 2 Check Specifications, check for defects, cut and prep section of tubing.</p> <p>Exercise 3 Identify and Sort fittings into correct manufacturers parts. Identify different thread types, materials</p> <p>Exercise 4 Mark up section of tubing, assemble and make up fittings</p> <p>Exercise 5 Cut and Prep Tubing, bend tubing to form a 90° expansion Loop and a 45° Rolled Offset</p> <p>Exercise 6. Install, support, make up fittings, clamp the completed 90° expansion loop assembly using NPT tapered and parallel fittings, and pressure test completed assembly, then dismantle and reinstate worksite.</p> <p>Knowledge Course Test</p> <p>20 multi-choice question paper with a minimum pass mark of 80%. Learners will receive a ECITB Certificate of Training &amp; a Work Based Task Assignment logbook to be completed at their place of work. The relevant Work based Task assignment must be completed within 12 months of the initial training course to be eligible to take the technical test</p>