

# HYDROGEN SKILLS ACADEMY

## SBT02 - Disassemble, Fault Find & Reassemble Twin Ferrule

The Engineering Construction Industry Training Board (ECITB) SBT02 course provides essential knowledge and practical skills for safely dismantling, fault finding, and reassembling small bore tubing (SBT) systems using twin ferrule fittings.

Delegates will gain experience in identifying common faults, applying safe disassembly procedures and correctly reassembling fittings to manufacturer standards. On successful completion, the delegate will be awarded an ECITB Certificate of Training (Stage 1 of the ECITB route to competence).

### COURSE DURATION

- 1 days

### PRE-REQUISITE

- This course is aimed at learners with no previous experience in small-bore tubing training

### CERTIFICATION

- ECITB certification of training – Valid for 12 Months  
(Note: Learners are not deemed technically competent at Stage 1)

### TRAINER

- Our trainers are certified assessors, and have been accredited by ECITB

### COST

- Price on application – maximum 5 delegates per course

### NOTE

- This course is grant aided for ECITB registered employers

### COURSE DETAILS

#### Health, Safety and Risk Awareness

- Understanding the Health & Safety at Work Act and permit-to-work systems
- Identifying hazards and implementing control measures in tubing systems
- Preventing hydrocarbon releases and learning from past incidents

#### Tubing Systems Fundamentals and Material Selection

- Differentiating tubes & pipes. Advantages, applications and selection criteria
- Inspecting, certifying and preventing corrosion in tubing
- Understanding material grades and galvanic compatibility

#### Fittings, Tooling and Installation Techniques

- Identifying, assembling and reassembling twin ferrule fittings
- Correct use of tools and inspection gauges
- Recognising and preventing common fitting faults

#### Installation Skills and Drawing Interpretation

- Clamping, supporting, routing and controlling vibration
- Reading P&IDs, isometrics and hook-up diagrams

#### Pipe Thread Identification and Sealing Methods

- Recognising BSP, NPT, BSPP and JIC threads
- Correct sealing methods and thread identification techniques

#### Safe Dismantling, Pressure Testing and Reinstatement

- Isolation procedures and safe depressurisation practices
- Gas monitoring and pressure testing safety
- High-pressure hazards and injury prevention

#### Assessment

- 20-question written knowledge test (80% pass mark)
- Practical exercises

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