

# HYDROGEN SKILLS ACADEMY

## TMJI10 - Dismantle Assemble and Hand Torque Flanged Joints

The Engineering Construction Industry Training Board (ECITB) introduced this Dismantle, Assemble Hand Torque Flange Joints technical test, with content derived from the ECITB Mechanical Joint Integrity technical training standards.

This technical test aims to validate the candidate's technical Hand Torque Flange Joints competency by allowing them to demonstrate their theoretical knowledge and practical skills. Competence is validated by means of an online knowledge test, and a workshop based practical exercise.

All MJT technical testing is underpinned by Health, Safety and Environmental requirements to ensure the learner can work safely with Flange Joints.

### COURSE DURATION

- Approx. 3 hours

### PRE-REQUISITE

- New Workers – Valid Stage 1 MJT10 Certificate and a completed Stage 2 Task Book
- Existing Workers – A company Letter of Endorsement (LOE) verifying demonstrable training and 3 years experience, or a valid in-date MJT 10 certification
- Private individuals / Self Sponsored – A valid in-date MJT 10 certificate or a detailed CV showing 3 years relevant experience

### CERTIFICATION

- ECITB Certificate of Achievement - Re-assessment every 3 years

### TRAINER

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

### COST

- Price on application – maximum 2 delegates per test

### NOTE

- This course is grant aided for ECITB registered employers

## TECHNICAL TEST DETAILS

The technical test is broken down into two parts:

- **Knowledge Test** – Candidates are required to demonstrate their theoretical understanding by completing an online knowledge test, consisting of 20 randomly selected multiple-choice questions. A minimum score of 80% is required to pass. In line with ECITB requirements and to maintain the integrity of the assessment process, each candidate is recorded during the test. These recordings are securely stored and may be reviewed for audit purposes.
- **Practical Assessment** – Candidates must complete a workshop-based practical exercise, demonstrating their ability to correctly dismantle and assemble Hand Torque Flange Joints. Using the appropriate tools, equipment, and materials, the task must be carried out in accordance with a specified drawing and within defined tolerances. Successful completion requires adherence to all technical specifications and safety standards.

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