ECITB MECHANICAL JOINT INTEGRITY MJI-10 & MJI-19

Hydraulically Torque Bolted Connection Techniques

- ECITB Mechanical Joint Integrity is stage one of the four stage ECITB MJI training standards validating skills in the specialist critical bolting area.
- Mechanical Joint Integrity training is delivered in a purpose-built centre to the latest ECITB industry standards.
- Petracarbon Training's instructors are time served in a mechanical discipline and have worked as hands on technicians/supervisors in the mechanical joint integrity industry.

Who Can Attend This Course

Anyone involved in mechanical joint integrity and hand & hydraulic torque bolted connection activity in the work place.

Course Overview

- ECITB Mechanical Joint Integrity MJI-10 & MJI-19 concentrate on the skilled performance expected when working with hand and hydraulic torqued flanged joint and clamp connector.
- Delegates will use manual and hydraulic tools in this technically detailed training which focuses on safety.
- The course includes a varied range of products used for demonstrations and practical learning elements of the training.

Duration

1.5 Day Course

Course Objectives

- Delegates completing an ECITB Mechanical Joint Integrity combination of MJI-10 & MJI-19 training course will be able to;
- Explain how to ensure intended task conforms to related specification, methods, process, techniques and procedure
- Dismantle hand & hydraulic torque bolted connection systems
- Remove and replace components from hand & hydraulic torque bolted connection systems
- Assemble, secure and hand & hydraulic torque bolted connections
- Verify the integrity of the assembled joint

Course Content

An ECITB Mechanical Joint Integrity MJI-10 & MJI-19 training course includes:

1. Health and safety
2. Instruction and practice in observing health and safety requirements and approved working practices
3. Prepare work areas for the preparation and tightening of flanged joint and clamp connector
4. Prepare equipment for the preparation and tightening of flanged joint and clamp connector joints
5. Prepare materials for the preparation and tightening of flanged joint and clamp connector
6. Dismantle, inspect, prepare, assemble and tighten flanged joint and clamp connector
7. Reinstate the work area after the preparation and tightening of flanged joint and clamp connector

Prerequisites

- There are no prerequisites for an ECITB Mechanical Joint Integrity MJI-10 & MJI-19 training course.
- You can also book a range of combined ECITB MJI units at Petracarbon Training Centres.

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