



Barriers & Isolations

Subsea

This online course provides learners with an understanding in safe isolations and barriers and how to confirm suitable and sufficient mechanical isolations are in place prior to working on subsea assets.

The course content is in line with industry guidance and best practice. It is designed to increase awareness of stored energy in subsea systems and is delivered through an easy interactive elearning course.



Content

- Roles and Responsibilities
- Legislation
- Industry Guidance (IMCA D044)
- Permit to Work (PTW)
- Isolation Confirmation Certificate (ICC)
- Leak off Rates
- Monitoring of Passing Isolations
- Barrier Testing
- Double Block and Bleed (DB&B)
- Isolation Examples

Prerequisite

Participants should complete 'Pipeline & Instrument Diagrams P&ID' course before commencing this course.

Participants

When working near potential sources of stored energy subsea it is important to understand the controls that should be in place for protection. It is recommended that all those that are directly involved with working on subsea assets which may contain stored energy complete this course to have an understanding of the barriers and isolation process.



Participants may include the following:

- Client Representatives
- Offshore Managers
- Divers/Supervisors/Superintendents
- Field Engineers
- Project Engineers
- Offshore Representatives
- Project Managers
- Operations Managers
- Vessel Managers