

Training - Subsea Integrity Management (II) - Non Conformity Management



SUBINT2-EN-P



Face-to-face only



5 days

This course provides technical knowledge pertaining to the integrity management of subsea systems

Level

Skilled

Public

Engineers and technicians whose activity is related to the operation of Oil & Gas subsea facilities

Objectives

Attendees will be able to implement the following skills:

- Determine integrity characteristics
- Evaluate consequences of failures
- Plan repairs

Pedagogical & technical resources

- Lectures carry numerous examples from ongoing projects
- Trainers are specialized engineers currently involved in deep offshore projects

Assessment of achievements

- Trainees are assessed throughout the training through practical application phases and interactions with the trainer
- A final on-the-spot evaluation may also be carried out at the end of the course and/or at the end of each module using tests designed to verify the learners' understanding and assimilation of the knowledge linked to the training objectives

Prerequisites

No prerequisites are necessary to follow this course

Responsible

IFP Training instructors, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Program

PHYSICAL & STRUCTURAL INTEGRITY ISSUES & THEIR MAIN CONSEQUENCES

Stress and fatigue.
External corrosion, internal erosion/corrosion.
Hydrogen induced stress cracking.
External event.
Thermal Insulation, heat loss.
Case studies, prevention & remediation.

“FUNCTIONAL” INTEGRITY ISSUES & THEIR MAIN CONSEQUENCES

Defective subsea retrievable modules.

“Internal” leakages (passing valves, passing non-return valves...).

Leaks to environment.

Electrical lines/conductors defects.

Monitoring sensors signal loss.

Hydraulic locks.

Chemical lines blockages.

NON CONFORMITY MANAGEMENT

Objective.

Non conformity.

Non conformity “dossiers”.

Non conformity register/database.

MAINTENANCE & REPAIR

Planned events.

Unplanned events.

To French entities : IFP Training is referenced to DataDock ; you may contact your OPCO about potential funding.

Please contact our disabled persons referent to check the accessibility of this training program : referent.handicap@ifptraining.com