

Training - Subsea Integrity Management (I) - Inspection, Monitoring and Testing



SUBINTI-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:

- Fix objectives for inspection campaigns
- Write specifications for the inspection of installation (with ROV, etc.)

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

INSPECTIONS & THEIR OBJECTIVES

By contractor (with operator follow-up).
By operator.

DEEP WATER SYSTEMS INSPECTION ACTIVITIES

“Standard” types.
Means, constraints, limitations.
Visual indications specific to deep subsea conditions.
Main challenges.

INSPECTION PLAN/INTERVALS

Regulatory requirements, RBI approach...
Inspection plan.
Inspection zones, inspection mean times.
Inspection plan revision.

GENERIC SUPPORT DOCUMENTS

SPECIFIC SUPPORT DOCUMENTS

INSPECTION MANAGEMENT DATABASE

Objectives and functionalities.
Contents and structure.
Inputs and outputs.

KEYS FOR THE SUCCESSFUL IMPLEMENTATION OF AN INSPECTION DATABASE

Usability.
Portability.

“INITIAL STATUS” REFERENCES

Technical specifications, manufacturing dossiers.
Inspections reports.
Installation/commissioning reports.

SPECIFIC INSPECTIONS

Flowlines intelligent pigging.
Occurrence/anomaly follow-up.

MONITORING

Adequate response to commands.
Adequate operating parameters.
Sand production monitoring.
Sand erosion monitoring.
Flexible risers/IPBs.
Riser towers/risers.

TESTING

Valves testing.
“Safety valves” testing.
Others.
Control fluid consumption.
Downhole chemical injection flow test.

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