Training - Well Production Integrity

WPINT-EN-P | Face-to-face only | 2 days

This course provides skills in well integrity concepts: “how to keep hydrocarbons in the pipe” by designing, operating and maintaining well equipment to ensure safe containment of all wellbore fluids over the lifetime of a well

Level
Skilled

Public
Drilling, completion and production engineers and technicians

Objectives
Attendees will be able to implement the following skills:

- Recognize the importance and the concepts of well integrity
- Assess the link between well integrity and other key strategic operations

Pedagogical & technical resources

- Videos and animations showing how equipment work
- Practical exercises and knowledge assessment

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

Responsable
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

WELL INTEGRITY DESIGN — 0.25 day

Well construction/completion: casing, tubing, cement, produced fluids.
Wellhead and tree equipment: valves, seals, accessories.
Safety valves: downhole, surface.

WELL INTEGRITY OPERATIONS — 0.25 day

Monitoring and managing pressure.
Flow assurance: corrosion, sand, deposits.
Testing and maintenance: valves, accessories.

© IFPTraining

OPERATIONS: YOUR ROLE — 0.25 day

Monitor well equipment.
Perform well equipment tests.
Ensure safety equipment is operational.
Remember you are the first line of defense against well integrity failures.

WELL INTEGRITY MAINTENANCE — 0.25 day

All well equipment:

- Valves.
- Safety equipment.
- Seals.

Preparation and reinstatement.

MAINTENANCE: YOUR ROLE — 0.25 day

Perform maintenance tasks as assigned by location.
Prepare the well for maintenance and well intervention activities.
Reinstate the well after maintenance and well intervention activities.

INTEGRITY MANAGEMENT — 0.25 day

Operations on the wellstock.
Develop a more complete understanding of the well below the surface.
Understand the independence of all well components.

TODAY'S SUCCESSFUL PRODUCTION TECHNICIAN — 0.25 day

HSE goals.
Design decisions made for the well and the relevance of those decisions to their operations.
Ways that all surface and subsurface well components work together.
Instruments: how the downhole conditions are reflected in the surface.
Handovers: strict adherence to site-specific procedures and/or practices.
Risks: daily tasks that bring increased risks to well integrity and proactive mitigation of those risks.
Problems: deeper knowledge of the well to anticipate problems turn into large scale well integrity incidents.

KNOWLEDGE ASSESSMENT (WORKSHOP) — 0.25 day

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

© IFPTraining