

Training - Well Production Integrity Management



WELINTM-EN-P



Face-to-face only



5 days

To deepen knowledge of well integrity management and develop the skills for designing, operating and maintaining well equipment with the ultimate objective of ensuring a permanent, safe containment of all wellbore fluids

Level

Skilled

Public

Drilling, completion and production engineers and supervisors

Objectives

Attendees will be able to implement the following skills:

- Recognize the technical, operational and organizational solutions applied to well integrity management
- Design the process of well integrity management
- Review well integrity within the framework of all strategic operations
- Focus, maintain and design of well integrity assurance
- Recognize the role of production supervisor's duties with regard to well integrity

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

WELL INTEGRITY MANAGEMENT: DEFINITION & CHALLENGES

0.25 day

Introduction.

Assets.

Organization and people.

WI Direction.

WELL INTEGRITY DESIGN

1.5 days

Well construction/completion: casing, tubing, cement, produced fluids.

Well barriers: definition, requirement and design.

Wellhead and tree equipment: valves, seals, accessories.

Safety valves: downhole, surface.

Well integrity standards.

WELL INTEGRITY OPERATIONS

2 days

Flow assurance (corrosion, sand & deposits).

Safety critical equipment/barriers.

Monitor and manage a pressure:

- Role and responsibilities.
- Monitor/perform well equipment test.
- Ensure safety critical equipment are operational.
- Report any abnormal operating condition.
- Your role over the various operational life of the well.

Well integrity maintenance:

- Downhole/well equipment maintenance.
- Surface equipment maintenance.
- Plan & execute maintenance. Well reinstatement.

Your role as a part of well integrity team:

- Perform routine maintenance (site specific requirement).
- Prepare well for maintenance/well intervention operation.
- Restart well after maintenance operation.

Today's successful well integrity team:

- HSE goal and leadership.
- Understand site specific well design decision/equipment.
- Handover and reporting best practices.
- Major incident prevention by implementing WIM awareness.

WELL INTEGRITY MANAGEMENT (WIM)

1 day

Introduction, concepts and definitions.

WIM key activities.

Minimum integrity requirements vs. well life cycle/phases.

Annulus pressure management.

Data management.

Well integrity review.

Well integrity performance management.

KNOWLEDGE ASSESSMENT

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