

Training - IWCF Well Control - Level 2



FPE2-EN-P



Face-to-face only



5 days

The IWCF Well Control Level 2 Introductory training is designed to raise participants' awareness of blowout risks and consequences, while equipping them to understand the causes of a kick and master well control methods

Certification

IWCF

Level

Knowledge

Public

Personnel who have had no training in well control or for young recruits who will be involved in water, geothermal or oil/gas drilling operations

Objectives

Attendees will be able to implement the following skills:

- Understand the impact and consequences of a blowout
- Identify the causes of a kick
- Know the equipment to secure the well after a kick
- Have knowledge of the well control methods
- To be certified IWCF Level 2

Pedagogical & technical resources

- Teaching material (PPT, PDF, Word)
- Exercise book
- Simulator demonstration (if available): kick while drilling and circulation of this influx
- IWCF certified instructor

Assessment of achievements

IWCF Level 2 examination tests

Prerequisites

IWCF requires a minimum lead time of 10 business days to validate and confirm registration for the session

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

PRESSURES IN THE WELL

0.75 day

Hydrostatic pressure, pressure losses, gas law.

Circulation with the well open and with the well shut in.

Relationships between pressures in the well.

PORE PRESSURE & FRACTURE PRESSURE

0.25 day

Overburden pressure.

LOT and FIT.

Pore pressure and frac pressure.

KICK DETECTION

1 day

Impact and consequences of a kick.

Causes and signs of a kick, well shut-in methods and shut in pressures.

Kick drills, trip sheet, kill sheet.

INTRODUCTION TO WELL CONTROL METHODS

0.5 day

Principles and procedures.

Drillers, wait and weight, volumetric methods.

WELL CONTROL EQUIPMENT

1 day

Barriers' principle (Norsok standards).

BOP stack and BOP control unit.

Choke-manifold, mud-gas separator, etc.

Function test, pressure test, inflow test.

SUBSEA EQUIPMENT

0.5 day

Specific equipment of subsea BOP.

Problems related to floating rigs.

SIMULATOR

0.5 day

Layout of the well control equipment used on rig floor.

Demonstration: kick while drilling and circulation of this kick.

IWCF CERTIFICATION

0.5 day

Test on principles and procedures.

Test on well control equipment.

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