

Training - IWCF Enhanced Well Control - Level 4



EWCL4-EN-P



Face-to-face only



5 days

This course aims to improve the Well Control knowledge for senior personnel to a new higher level beyond the current IWCF Level 4 Well Control training and assessment with also Well Operations CRM. Furthermore it includes IWCF Level 4 Equipment and Principles & procedures tests and simulators assessment allowing passing candidates to obtain the IWCF Level 4 certificate. Scenario-based simulated exercises are used extensively to consolidate the theory presented in a classroom environment using interactive teaching strategies. This focus on the practical application of the theory promotes effective communication, teamwork, and enhances problem-solving skills.

Certification

IWCF

Level

Skilled

Public

IWCF Enhanced Well Control training is specifically designed for experienced candidates who require certification that goes beyond the standard IWCF Drilling Well Control Level 4 syllabus (operators, contractors and service companies who will be involved in geothermal, storage or oil/gas drilling operations)

Objectives

Attendees will be able to implement the following skills:

- Understand the causes of the kicks, recognize/analyze the signs of a kick in order to shut in the well with the limited gain and identify/calculate the various pressures in a well
- Follow and apply shut in methods in order to secure the well after a kick occurrence
- Know the well control methods, demonstrate the ability to kill the well and detect potential incidents during well control and take appropriate actions
- Manage: kick control in horizontal well, volumetric method, stripping pipes in the well, lubricate and bleed procedure, bullheading method
- Obtain the level 4 IWCF Well Control certification

Pedagogical & technical resources

- PPT presentation
- Course material (PPT, PDF, Word)
- Exercise book
- Case study
- Extended practice and enhanced case studies on simulator
- Certified IWCF instructors and assessors

Assessment of achievements

- Paper level 4 assessments
- Paper EWC assessment
- Practical assessment on simulator

Prerequisites

The enhanced training is for candidates who are renewing their Drilling Well Control Certification and who meet the following criteria:

completed IWCF Drilling Well Control at Level 4 on at least 2 previous occasions

A minimum of 10 working days is required by IWCF to validate the 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

IWCF CERTIFICATION	0.5 day
Written test on principles and procedures. Written test on equipment.	
HORIZONTAL WELL KICK CONTROL/SIMULATOR TRAINING	0.5 day
Reminder on the kick detection. Pressure reading and evolution while circulating a kick in a horizontal well. Horizontal well kick detection and control on the simulator.	
PRACTICAL IWCF ASSESSMENT ON SIMULATOR	0.25 day
WOCRM CLASSROOM	0.25 day
Situational awareness. Decision making. Communication. Teamwork. Leadership.	
EWC TOPICS CLASSROOM	0.5 day
Volumetric method theory and exercises using simulator. Stripping. Lubricate and bleed. Bullheading. Kick with casing pressure overcoming the MAASP.	
SIMULATOR EXERCISES	2.25 days
Stripping, volumetric and lubricate and bleed methods. Kick with CP higher than MAASP. Bullheading method.	
CASE STUDY	0.25 day
Deepwater underground blowout.	
IWCF EWC TEST	0.25 day
TECHNICAL & NON TECHNICAL (WOCRM) DEBRIEFING	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