

Training - Well Completion Equipment and Procedures for Flowing Wells



EQTP-EN-P



Face-to-face only



5 days

This course provides the knowledge and skills needed to choose and operate completion equipment for flowing wells

Level

Skilled

Public

Drilling or production engineers, supervisors involved in completion for oil & gas wells and gas storage wells

Objectives

Attendees will be able to implement the following skills:

- describe the function of each equipment in the well completion
- assess which equipment is required in a conventional case
- carry out a complete string design
- design the corresponding completion procedure
- work on complex completion issues with specialists

Pedagogical & technical resources

- Equipment and cutaway tools display in Pau
- For in-house courses held elsewhere, in as much as a completion shop is made available, a visit will be organized to the said shop
- Summary notes prepared and presented by the participants
- Application to a real case (project) for the participants in the “Drilling & Completion Engineering” training course

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-COMPLETION EQUIPMENT

1.5 days

Functions to be carried out and corresponding equipment.
 Production string(s) configurations (conventional or tubing less, single or multi-zones).
 Production wellhead: tubing head spool and Christmas tree (components, design).
 Tubing and connections (main characteristics, criteria of choice).
 Packers and accessories (drillable or permanent, retrievable).
 Bottom hole devices (landing nipples, circulating devices...) and relevant wireline equipment.
 Subsurface safety valve (subsurface controlled, surface controlled).
 Equipment of gas storage wells.

FUNDAMENTALS OF TUBING MOVEMENT & FORCES

1 day

Point to be verified.
 Packer permitting free motion (tubing movement, tension on the tubing hanger).
 Packer permitting no motion (packer to tubing force, tension on the tubing hanger).

WELL-COMPLETION PREPARATION & IMPLEMENTATION

1.5 days

Preparing for operations.
 Safety recommendations during completion operations.
 Standard running-in and start-up steps:

- Case of a packer set directly with the tubing string.
- Case of a packer set prior to the running-in of the tubing string.

 Operating recommendations.

ADVANCED COMPLETION

0.75 day

Tubing less completion.
 Intelligent completion.
 Multilateral completion.
 Deep water completion.
 Single trip multizones gravel pack system.

KNOWLEDGE ASSESSMENT

0.25 day

Sessions

Pau - From 02/09/2026 to 02/13/2026

4320 €/HT

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