Training - Cementing Practices

CIM1-EN-P | Face-to-face only | 5 days

This course provides the knowledge and skills needed to design a cementing program

Level

Knowledge

Public

Engineers, supervisors and lab professionals interested in cementing in water, geothermal or oil/gas drilling operations

Objectives

Attendees will be able to implement the following skills:

- Master the vocabulary specific to cementing
- Understand and use primary cementing techniques and procedures
- Select cement and necessary additives
- Calculate major parameters in a cementing operation
- Assess the quality of a cementing job

Pedagogical & technical resources

- Exercises, videos
- Application to a real case
- Visit of a laboratory
- Application to a real case (project) for 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

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

TECHNIQUES & JOB PROCEDURES — 9 hours

Primary cementing.
Cement job design.

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Job planning and preparation.
Casing running.
Cementing job.
Cementing calculations.

CEMENT & SLURRIES — 6 hours

Cement, cement with environmental impact reduction (CO2).
Special slurries and additives.
Formulation and laboratory tests.
Rheology of mud and slurries.

SPECIAL CASES — 6 hours

Multistage cement job.
Liner.
Cement plugs.

CEMENTING EQUIPMENT — 3 hours

Pumps.
Mixers.
Cementing head.
Cement plugs.

EVALUATION OF THE CEMENTING JOB — 4 hours

Principles and interpretation of the cement logs:

- Thermometry.
- Sonic (CBL - VDL).
- Ultrasonic (USIT).

Log analysis on a real case.

KNOWLEDGE ASSESSMENT — 2 hours

Sessions

Pau - From 03/16/2026 to 03/20/2026 — **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

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