

Training - Upstream Project Construction Works Supervision



CONSUP-EN-P



Face-to-face only



5 days

This course provides transverse experience, know-how and soft skills that are essential to construction management positions

Level

Skilled

Public

Managers, engineers, plant management staff (construction, maintenance, operation) and contractor management staff (engineering contractors and constructors) in charge of upstream Oil & Gas projects

Objectives

Attendees will be able to implement the following skills:

- Apply proven practices within operational situations
- Define a suitable organization and execution plan, adapted to the plant requirements
- Manage critical interfaces with operational staff, at each step of the project implementation
- Identify and manage safety, health and environment issues during project design and execution

Pedagogical & technical resources

Photos and videos will be used to illustrate the issues

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

CONSTRUCTION WORKS FRAMEWORK

1 day

Roles and responsibilities of stakeholders in an Oil & Gas project.

Different stages of an Oil & Gas project.

Importance of preliminary stages.

Field modification works: responsibilities, constraints and challenges.

Working on operating facilities.

Roles and constraints of field operators.

Site organization, typical site construction manual.

Construction contractor organization and relationship with it.

HSE ISSUES

1 day

Typical construction risk analysis.
Organization of operations on the facilities.
Works supervision procedure.
SIMultaneous OPerationS (SIMOPS).
Work permits (instructions, procedure, audit).

WORK INSTRUCTIONS & QUALITY ISSUES

1 day

Procedures to be enforced, their objectives, base principles and validation process.
Learning how to read the plans.
How to supervise quality of prefabricated and site works.
Quality control at supplier's premises.
Visiting a construction contractor.
Visit reports.

CONSTRUCTION SUPERVISION

1 day

Preparation and organization of successful meetings with the contractor.
Basic notions of welding (principles and used techniques).
Follow-up of works for each discipline (piping, E&I and mechanical).
Pre-commissioning and commissioning.
Planning, cost and schedule control.

RELATIONSHIPS & TEAM WORK

1 day

Roles and responsibilities of team leaders (leadership and relationships with the other stakeholders).
Qualification, knowledge and aptitude.
Reflexes, rules and obligations.
Non-conflictual interpersonal relationships.
Ethics.
Feedback and lessons learned.
Proper communication.
Use of emails.

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