Training - Fundamentals of Production

CHAINEP-EN-P | Face-to-face only | 2 days

This course provides an introduction to Oil & Gas production, along with a glossary of terms, covering fundamentals of technology, chain structure from well to export terminal, skills and job positions involved in operating production facilities

Level

Awareness

Public

Non-technical staff or technical professionals not directly involved in hydrocarbons production (managers, executives, technicians, staff of human resources, finance of projects departments...)

Objectives

Attendees will be able to implement the following skills:

- Understand the different phases of the Oil & Gas production process
- Understand organizations, skills and job positions involved in operating production facilities
- Acquire a complete view of the Oil & Gas production chain, stretching over technical, business and economic issues

Pedagogical & technical resources

- Course delivered by industry specialists
- Numerous illustrations and case studies

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

THE OIL & GAS CHAIN: PRODUCTION POSITION — 0.5 day

Positioning of the production in the value E&P chain.
World primary production.
Issues and technical constraints:

- Conventional resources.

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- Unconventional resources.

Job descriptions and skills for production activities.

ONSHORE & OFFSHORE PRODUCTION — 0.5 day

Technical specifications, operating modes.
Operating patterns and mapping fields.
Technical architectures.
Organization (remote site, extreme conditions, manning, shift...).
Case studies: FPSO, wet gas field (onshore), oil fields operated with reinjection, remote control room, early production facilities...

FROM WELL TO EXPORT POINT — 1 day

From reservoir to wellhead: hydrocarbons and well effluent behavior.
Well techniques, production techniques and well servicing.
Surface facilities and treatment operations.
Metering and expedition.
Health Safety and Environment, sustainability.
Budgets (CAPEX, OPEX) during the life cycle of a production field.

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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