IFP Training

This training course is offered under the **Alliance4Training** brand

Training - Refresher Course for Production Operator

REFREOP-EN-P | **Face-to-face only** | **15 days**

This course aims to increase the knowledge in oil/gas/water processing operations, as well as acquiring or validating fundamentals of rotating machines and static equipment operation

Level

Knowledge

Public

Experienced operations personnel who need to validate or strengthen their technical knowledge

Objectives

Attendees will be able to implement the following skills:

- Efficiently operate Oil & Gas production units, solve operational problems, analyze cause-and-effect relationships related to an action or operation, detect malfunction and anticipate process deviation
- Better monitor rotating machines and their ancillaries by focusing on their critical parameters and equipment
- Help extend equipment uptime
- Take into account machine and process safety aspects
- Optimize static equipment operation, taking into account their technology as well as the related process safety aspects

Pedagogical & technical resources

- Numerous exercises and applications concerning the operation of production facilities
- The course can be adapted according to the experience and/or actual equipment operated by the participants

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

OIL, GAS & WATER PROCESSING & OPERATOR DUTIES — 5 days

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Wells: performance, activation, monitoring and operation.
Oil treatment: multi-stage separation, dehydration, desalting, treatment of emulsions, treatment of foaming, sweetening.
Gas treatment: sweetening, dehydration, NGL and condensate recovery.
Water treatment: production and injection water treatment.

ROTATING EQUIPMENT OPERATION & MONITORING — 5 days

Centrifugal and volumetric pumps, centrifugal and reciprocating compressor:

- Technology, seal (gas or oil) system, ancillary circuit, UCP/DCS HMI, safety system.
- Normal operation.
- Troubleshooting.

Drivers: electrical motors, Diesel engines, gas turbines. Associated safety system.

STATIC EQUIPMENT USED IN OIL & GAS PRODUCTION — 5 days

Wells: from downhole to choke valve, manual valves, automatic valves, safety system, control cabinet.
Separator, distillation column, dehydrator and desalter, wash tanks: technology, control system & safety equipment.
Thermal equipment:

- Heat exchanger: shell and tube, plate heat exchanger, air cooler.
- Furnaces and boiler.
- Technology, operation, control system and safety equipment.

Storage tank: floating roof, fixed roof. Associated safety equipment.

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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