Cette formation est proposée sous la marque **Alliance4Training**

Formation - Field Operator

BOINT-EN-P | **Présentiel** | **60 jours**

This course provides the knowledge and know-how for the specific field operator position. Successful participants will be granted the “Field Operator” IFP Training Vocational Certificate

Certificat IFP Training

Vocational Certificate

Niveau

Fondamentaux

Public

Newly recruited operators in the refining, petrochemical and chemical industries

Objectifs

Attendees will be able to implement the following skills:

- Monitor the facilities in an autonomous way, in compliance with Safety and Environmental rules
- Safely perform all routine operations related to operator duties, as well as the key non-routine ones
- Identify equipment deficiencies, explain their root causes, and take appropriate action
- Communicate effectively with their colleagues

Pédagogie & ressources techniques

- The training program is structured by alternating: Classroom training (2-week sessions) including theoretical and practical courses and On-the-Job training (typically 1-month sessions) 100% on-site, in their facilities, with instructors' help
- Even during classroom training, lots of practical exercises and applications
- Instructors having extensive Oil & Gas downstream experience, helped by company mentors
- Continuous assessment completed by a final exam in front of a jury)

Évaluation des acquis

Continuous assessment

Prérequis

Having already been pre-recruited by an Oil & Gas company
Although not mandatory, a technical education is desirable

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

Programme

CLASSROOM TRAINING (THEORETICAL & PRACTICAL) — 55 days

Professional basic training:

- Physical parameters; liquid vapor equilibria notions; fluid flow; heat transmission.

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- Chemistry: basic notions, industrial chemical reactions.

Products and processes:

- Quality tests, specifications; sampling safety procedures; refining processes; safety aspects.
- Storage tanks, reception and expedition facilities; utilities; environmental protection; energy.

Equipment operation and safety:

- Pressure vessels (columns, drums, reactors) description and operation.
- Rotating equipment (centrifugal and positive displacement pumps, compressors, steam turbines, electric motors).
- Thermal equipment (heat exchangers, furnaces, boilers).
- Instruments (sensors/actuators), process control.

Safety in plant operation.

ON-THE-JOB TRAINING

Presentation, initial recommendations and safety instructions:

- General technical information: presentation of the refinery, main feeds and products.
- Safety: safety rules, specific instructions, control and protection, prevention, fire extinction exercises.
- Injury and life protection: preparation of rescuer degree.

General training on the job:

- On different production units: equipment identification; operation follow-up.
- Identification of operator tasks, responsibilities of each member on the shift team.

Specific job position study:

- Process, feeds and product characteristics, circuits.
- Equipment field control; safety; operational instructions, procedures.

Controlled practice in job position:

- Achievement of the various tasks involved in the job, under control of the assigned people on the shift team.

KNOWLEDGE ASSESSMENT 5 days

Continuous assessment during training modules. Final written exam at the end of the theoretical training.
Rating of practical exercises and on-the-job trainings, based on presentations and written reports.
Personal job-based final report, describing assigned unit and operator day-to-day activities, rated.
Final examination to confirm proficiency (knowledge of circuits, equipment and processes, job practice).

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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