# Training - Hydrocarbon Types and Impurities - E-Learning

**GCA1-EN-E** | **E-Learning** | **1 hour**

This e-learning module provides a technical information on the main types of hydrocarbons and their associated properties These modules are integrated into some of our Blended Learning courses but can also be followed independently For any information please contact us at the following address: contact@ifptraining.com

## Level

Skilled

## Public

Professionals, in the oil or petrochemical industry, interested in refining, olefins, aromatics, polymers production. Specifically for engineers and technical staff who are beginners in this industry, as well as subcontractors, traders, etc

## Objectives

Attendees will be able to implement the following skills:

- Explain the relationship between the typical composition of crude oil (types of hydrocarbons and other compounds present) and the associated characteristics of the final products

## 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

### COMPOSITION OF CRUDE OILS

Typical composition, density, API gravity classification.

### HYDROCARBON GROUPS & COMPOSITION OF PETROLEUM PRODUCTS

Carbon and hydrogen valence. Hydrocarbon classification: paraffins, isoparaffins, naphthenes, aromatics and olefins. Hydrocarbon ranges in petroleum products.

### IMPURITIES

Main impacts of sulfur, oxygen, nitrogen and metal contaminants in crude oil processing and petroleum products.


© IFPTraining

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


© IFPTraining