Training - Distillation Process - E-Learning

GCA2-EN-E | E-Learning | 1 hour

This e-learning module provides a brief introduction to distillation process 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:

- Describe the role of the main equipment of a column to be distilled with regard to the principles implemented

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

FLASH OF A HYDROCARBON MIXTURE

Pure substance vapor pressure curve. Flash separation.

PRINCIPLES OF CONTINUOUS DISTILLATION

Separation enhancement via a distillation column. External reflux and reboiler duty impacts on separation quality and energy consumption.

INDUSTRIAL FEATURES OF THE DISTILLATION PROCESS

Liquid-vapor contact material: packings and trays.
Distillation column main operating conditions.

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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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