Training - Refining and Petrochemicals Synergies

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

This course provides a complete review of the main refining and petrochemicals specificities, as well as the identification of the possible synergies. It highlights the economic gains achievable from refining-petrochemicals integration

Level

Skilled

Public

Staff from refining and petrochemicals involved in production, planning, procurement, marketing, management control and investment

Objectives

Attendees will be able to implement the following skills:

- Describe the main specificities of the refining and petrochemicals sectors
- Identify the possible synergies between refining and petrochemicals

Pedagogical & technical resources

- Quiz, examples
- Case studies and exercises in team work

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

TECHNICAL REVIEW OF REFINING & PETROCHEMICALS — 0.5 day

Main petroleum and petrochemicals products: key product specifications review.
Refining and petrochemicals schemes.
HSE specifications: refining (H2S, etc.), petrochemicals (product instability, etc.).

SYNERGIES BETWEEN REFINING & PETROCHEMICALS — 1 day

Utility exchanges: H2, gas, fuel.
Supply: ethane, LPG, naphtha, atmospheric gasoil, vacuum distillate.

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Product exchanges: pyrolysis gasoline, olefins.
Common treatment of the C4 cuts: BTX (Benzene-Toluene-Xylene) extraction.
Pooling services.

REFINING & PETROCHEMICALS ECONOMICS — 0.5 day

Refining and petrochemical margins and costs.
Location and unit severities effects.
Gains due to synergies.
Case study: economics of a refinery, of a steam cracker and of the integration of both (with some synergies).

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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