Training - Supply Chain Management

LOG-EN-P | Face-to-face only | 3 days

This training provides a deeper knowledge of all technical, economic, administrative and environmental constraints of the petroleum logistics from the refinery to the gas station to optimize it more effectively

Level

Skilled

Public

All personnel in the petroleum industries, distributors, large consumers concerned with supply logistics issues, transportation and storage

Objectives

Attendees will be able to implement the following skills:

- Set up a logistics plan and establish different modes of supply
- Establish the characteristics between the various tools of storage and transportation
- Analyze the economic aspects of a supply chain

Pedagogical & technical resources

Case studies

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

INTRODUCTION & PRINCIPLES

Definition: what is logistics? What is a supply chain?
Principles of the distribution of petroleum products.
Review of activities, supply chain link production to consumers.
Definition of actual tools.
Implementation of supply chain schema.

STORAGE MANAGEMENT

Factors of entry points (refiners and import terminals).

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Factor of exit points (to consumers).
“Pull” and “push” modes.
Basic tool for stock management.

TECHNICAL ASPECTS OF STORAGE

Review of the different storages (above ground and underground).
Operation equipment and control.
Stocks measurements.
Losses (tank breathing, product movement, loss control).
Flow measurements. Safety equipment.

ECONOMICS OF STORAGE & TRANSPORT OPERATIONS

Cost notion. Storage size. Investments. Maintenance.
Cost breakdown for mixed products and petroleum products.
Maintenance policy and costs. Distribution cost pricing policy.

SECURITY STORAGES

Why security storages?
IEA mission. Example in different countries in the world.
Review of technical problems due to long term storage.

SHIPPING

General features.
The Market and its players-fixing of the freight rate (Worldscale).
Chartering contracts (voyage charter, COA, time charter...).
Risk control and environmental protection.

SUPPLY CHAIN DESIGN & METHODOLOGICAL APPROACH

Analysis of the Industry. Organization analysis. Process analysis. Location analysis.
Operational optimization. Status and alternatives’ analysis.
Key Performance Indicators.
Benchmarking context.

CASE STUDY

Case study based on an actual situation and containing applications of most of the main principles explained.

CASE STUDIES (TREATED ALL ALONG THE COURSE)

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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