



*Training Course:
Logistics of Oil, Gas, and Petroleum*

3 - 7 November 2024

Cairo (Egypt)

Holiday Inn & Suites Cairo Maadi, an IHG Hotel

Training Course: Logistics of Oil, Gas, and Petroleum

Training Course code: EN235433 From: 3 - 7 November 2024 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3900 € Euro

Introduction

Logistics in the oil, gas, and petroleum industry is a critical component that ensures the smooth and efficient flow of products from extraction to end-users. Given the complex and high-stakes nature of this sector, effective logistics management is essential for operational success, safety, and environmental compliance. This 5-day training program is designed to provide participants with a comprehensive understanding of logistics specific to the oil, gas, and petroleum industry, covering key aspects such as transportation, storage, supply chain optimization, and emerging technologies.

Objectives

By the end of this training program, participants will be able to:

- Understand the key concepts and terminology used in oil, gas, and petroleum logistics.
- Identify and evaluate different modes of transportation and their suitability for various scenarios.
- Manage storage and inventory of petroleum products safely and efficiently.
- Develop strategies for optimizing the supply chain and managing risks.
- Stay informed about future trends and emerging technologies impacting the logistics sector.
- Apply best practices and regulatory compliance in logistics operations.
- Handle crises and develop contingency plans to mitigate disruptions.

Target Audience

This training program is designed for:

- Logistics and supply chain professionals in the oil, gas, and petroleum industry.
- Managers and executives responsible for transportation, distribution, and storage.
- Engineers and technical staff involved in logistics operations.
- Safety and compliance officers.

- Professionals seeking to transition into the oil and gas logistics sector.
- Anyone interested in gaining a deeper understanding of logistics in the energy sector.

Training Program Outline

Day 1: Introduction to Oil, Gas, and Petroleum Logistics

- Welcome and overview of the training program.
- Introduction to the oil, gas, and petroleum industry.
- Key terminology and concepts in logistics.
- Overview of the supply chain in the oil and gas sector.
- Regulatory framework and compliance in the industry.

Day 2: Transportation and Distribution

- Modes of transportation: pipelines, tankers, rail, and trucks.
- Infrastructure and logistics hubs: refineries, storage facilities, and ports.
- Transportation planning and scheduling.
- Risk management in transportation.
- Case studies on transportation logistics.

Day 3: Storage and Inventory Management

- Types of storage facilities: tanks, caverns, and terminals.
- Inventory management techniques and best practices.
- Handling hazardous materials and safety protocols.
- Environmental considerations in storage and logistics.
- Technology and automation in storage management.

Day 4: Supply Chain Optimization and Risk Management

- Strategies for supply chain optimization.
- Demand forecasting and planning.
- Risk management strategies in the oil and gas logistics.
- Crisis management and contingency planning.
- Case studies on supply chain disruptions and solutions.

Day 5: Future Trends and Emerging Technologies

- Digital transformation in oil and gas logistics.
- Role of data analytics and big data.
- IoT and real-time tracking systems.
- Sustainable logistics practices.
- Review and wrap-up: key takeaways and action plans.

Registration form on the Training Course: Logistics of Oil, Gas, and Petroleum

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