



*Training Course:
Oil and Gas Marine Terminals*

*3 - 7 May 2027
Kuala Lumpur (Malaysia)*

Training Course: Oil and Gas Marine Terminals

Training Course code: EN6062 From: 3 - 7 May 2027 Venue: Kuala Lumpur (Malaysia) - Training Course Fees: 6825 €

Introduction

Oil and gas marine terminals are critical nodes in the global energy supply chain, facilitating the storage, handling, and transfer of crude oil and refined products between ships and onshore facilities. Efficient terminal operations require strong knowledge of logistics, safety, storage systems, and international regulations.

This program, designed by Global Horizon Training Center, equips participants with the technical, operational, and safety knowledge required to manage and optimize marine terminal operations in the oil and gas industry.

Course Objectives

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

- Understand the design and operation of marine terminals
- Identify key components such as jetties, storage tanks, and loading systems
- Manage ship loading and unloading operations
- Apply safety and environmental protection standards
- Implement terminal logistics and scheduling strategies
- Ensure compliance with international maritime and oil industry regulations
- Monitor terminal performance and operational efficiency
- Handle risks and emergency situations effectively

Target Audience

This program is designed for:

- Oil & Gas Operations and Terminal Engineers
- Marine and Port Operations Personnel
- Logistics and Supply Chain Professionals
- HSE and Safety Officers
- Storage and Tank Farm Operators
- Supervisors involved in marine terminal operations

Outline

Day 1: Fundamentals of Marine Terminals

- Overview of oil and gas marine terminals
- Types of terminals crude, LNG, product terminals
- Terminal layout and components
- Storage systems and tank farms
- Safety fundamentals

Day 2: Loading and Unloading Operations

- Ship-to-shore transfer systems
- Loading arms and hose systems
- Pumping systems and flow control
- Mooring and berthing operations
- Operational procedures and coordination

Day 3: Storage and Handling Systems

- Tank design and operation
- Inventory management and measurement
- Vapor recovery systems
- Product segregation and quality control
- Loss prevention

Day 4: Safety, Environmental Protection, and Compliance

- Fire and explosion hazards
- Spill prevention and response
- International standards IMO, ISGOTT, API
- Environmental regulations
- Emergency response planning

Day 5: Optimization, Risk Management, and Case Studies

- Terminal performance optimization
- Logistics and scheduling strategies
- Risk assessment and mitigation
- Maintenance and reliability
- Case studies and real-world applications

Registration form on the Training Course: Oil and Gas Marine Terminals

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Payment Method

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