



# Oil And Gas Terminal Operations And Equipment Management

**Course Venue:** Singapore - Singapore

**Course Date:** From 2024-12-22 To 2024-12-26

**Course Fees:** 8400 GBP

## Overview:

This comprehensive 5-day training program is designed to provide participants with a thorough understanding of oil and gas terminal operations in a port setting, with a focus on onshore activities. The training covers essential topics such as marine gas oil tank management, yard management, identification of IMDG (International Maritime Dangerous Goods) substances, and the classification of oil and gas equipment including baskets, skids, skips, spooling units, and more.

## Methodology:

The training program will employ a variety of interactive techniques to ensure comprehensive learning and practical skill development:

- Expert-led presentations and lectures on each topic.
- Real-life case studies and scenarios for hands-on problem-solving.
- Group discussions and interactive Q&A sessions.
- Practical exercises and simulations for equipment handling and classification.
- Site visits (if possible) to observe terminal operations first-hand.
- Group activities to promote teamwork and communication skills.

**Participants completing this training program will:**

- Gain a comprehensive understanding of oil and gas terminal operations and equipment management.
- Acquire knowledge about marine gas oil tank management and yard organization.
- Learn how to identify and handle IMDG substances safely and in compliance with regulations.
- Master the classification and identification of various oil and gas equipment for accurate billing and efficient operations.

**Training Outline:**

**Fundamentals of Oil and Gas Terminal Operations**

- Introduction to Oil and Gas Terminal Operations
- Importance of Efficient Terminal Management for Revenue Generation
- Key Components and Layout of an Onshore Terminal
- Overview of Terminal Equipment and Infrastructure

**Marine Gas Oil Tank Management**

- Introduction to Marine Gas Oil Tanks
- Storage and Handling Procedures for Marine Gas Oil
- Safety Considerations in Marine Gas Oil Tank Management
- Case Studies: Real-world Challenges and Solutions

**Yard Management and Equipment Handling**

- Yard Management Principles and Best Practices
- Effective Equipment Stacking and Organization
- Loading and Unloading Procedures for Various Equipment

- Yard Safety Protocols and Emergency Response

### **Identification of IMDG Substances**

- Understanding IMDG Codes and Regulations
- Identifying Dangerous Goods and Hazardous Substances
- Handling and Storage of IMDG Substances in a Terminal
- Compliance with International Standards for Dangerous Goods Handling

### **Classification of Oil and Gas Equipment**

- Overview of Oil and Gas Equipment Categories
- Classification of Equipment: Baskets, Skids, Skips, Spooling Units, etc.
- Equipment Identification and Documentation
- Linking Equipment to Tariff Structures for Accurate Billing