

Best Practices for Cargo Operations on Crude Oil Tankers

Sustaining Secure Cargo Management & Transfer Procedures

Introduction

As energy corporations evaluate the viability of alternative and renewable power sources from a financial standpoint, conventional energy sources will remain necessary for the foreseeable future. Make sure you are up to date on all the established and sustainable energy sources; don't let social and political trends divert you from your goals.

The political manoeuvring of conventional oil-producing nations hasn't been able to stop the current spike in crude oil prices, which has led to the industry's confidence returning. Tanker traffic will soar when storage facilities reintroduce crude oil to the market, which will unavoidably lead to an increase in freight prices. Don't fall behind while the oil sector prospers once more.

The trip cycle of a crude oil tanker is thoroughly covered in this Course N Carry training course. Within a cargo cycle, it concentrates on setting up the cargo system and all ensuing standard cargo and cargo system operations. The protection of the environment, the ship owner's financial interests, and safety will all be addressed.

This training session for Course N Carry will emphasise;

- The evolution of the crude oil sector and its current situation
- The safe operation of tankers carrying crude oil
- Safeguarding business interests when operating tankers
- Safety control regarding toxicity and fire risks
- Methods for incident analysis

Objectives

Participants in this Course N Carry training course will have the following skills at the end:

- Determine a variety of crude oils' characteristics and potential risks.
- Analyse the industry's growth, risks, and prospects.
- Ascertain the safe and effective operation of crude oil tankers.
- Determine ways to safeguard a tanker owner's business interests.
- Utilise incident analysis methods when reviewing casualty reports.

Training Methodology

Using a range of presentational approaches to expedite learning, participants in this Course N Carry training session will acquire a comprehensive grounding in the areas stated in the seminar outline. There will be film clips, group, theoretical, and practical activities, and classroom discussions interspersed with the lectures. There will be case studies that are specially chosen to show how theoretical concepts are applied. Every official lecture will be followed by a Q&A session.

Organizational impacts

Teaching the principles of Interactive Economics to your employees can help drive organizational growth and seamless operations:

- A short course that equips employees with skills for the real world
- Employees receive enhanced and economically driven decision-making skills
- Helps create better marketing strategies for higher sales
- Provides a competitive advantage by helping make calculated risks

Personal Impact

Enrolling in this course can benefit you in the following ways:

- Gain a deep understanding of the relationship between human behavior and finances
- Learn modern techniques to estimate market demand and prediction
- Attain leadership, adaptability, and decision-making skills
- Analyze and understand successful market strategies

Who should attend?

A wide spectrum of professionals will benefit from this Course N Carry training course, but in particular:

- Managers and operators of oil and gas processing in energy companies
- Managers and operators of oil and gas plants, energy companies
- Managers of Sales and Marketing
- Directors of Finance
- Supervisors of Projects
- Financial Analysts
- Managers of Assets
- Asset Managers
- Voyage and Ship Managers
- Superintendents of Ships
- Surveyors and expeditors of cargo
- Crew Members on Board Ships

Day 1

The creation, layout, and risks associated with a crude oil tanker

- Growth of the Crude Oil Sector
- Characteristics and Risks of Crude Oil
- Volatility and Flammability
- Design of a Crude Oil Tanker for Safety
- Fuel Oil Dangers
- Origins of Ignition

Day 2

Best Practices for Safeguarding the Business Interests of Owners

- Electricity Static (de-bottoming) Electricity in Current
- Calculations for Cargo
- Ship/Shore Communication
- Business Concerns
- Evolution of Gas and Venting
- Control of Marine Vapour Emissions

Day 3

Control of the Atmosphere and Preservation of the Environment

- Systems with Inert Gas
- Pipelines and Cargo Pumps
- Operations Using Inert Gas and Emergency Protocols
- Cleaning of Crude Oil
- Prevention and Control of Pollution

Day 4

Safe Work Procedures and Licences

- Risky Space Entry Techniques
- Health Concerns Regarding Tanker Safety
- Equipment for Gas Detection
- Permits for Hot and Cold Works

Day 5

Incident analysis and safety management

- The Dry Dock to Dry Dock Cargo Cycle
- Case Studies in Risk and Safety Management
- Firefighting on Tankers Carrying Crude Oil
- Case Studies: Explosion and Fire
- Analysis of the Incident, Suggestions, and Advice