



Course Code 20-21BCD17-2

Marine Terminals and Jetty Operations (MTJO)

Course Overview

Professionals in charge of operations and management of Oil and Gas Marine Terminals are required to have full and updated knowledge of Health, Safety, Security, and Environment (HSSE) aspects, including mechanical integrity of equipment and safety of operation procedures that are governed by international regulations and standards, ISGOTT, SIGTTO and OCIMF etc, together with the environmental pollution protection aspects, according to MARPOL Convention.

IEMS ensure with this training that the participants coming from companies that operate marine terminals will be provided with the necessary knowledge and updated tools and skills that will enable them to successfully handle various technical and safety issues during terminal operations.

Who should attend?

This programme is appropriate for:

- Marine terminal facility managers and coordinators
- Terminal superintendents, supervisors and engineers
- Safety and environmental managers, engineers and officers
- Spill management team members
- Oil and gas transfer supervisors
- Marine shipping coordinators

Topics covered

- The principle process of handling oil and gas at the jetties and terminals
- Safe operation on-board vessels and at terminals
- Hydrocarbon properties and handling
- Handling of liquid and gas substances
- Dealing with different types of hazards
- Principles of health and fire precautions
- Terminal construction and repair work
- Pollution prevention
- Emergency response plans in case of oil spill
- Basics of chemistry, LPG and LNG
- Physics of liquid and gas cargoes
- Health hazards, TLV, OES and MEL
- Fire hazard
- Reactivity and importance of segregation
- Controlled atmospheres in pipelines and tanks: inerting and nitrogen purge
- Gas detection and entry
- Pollution avoidance on-board vessels and at terminals
- The ship / shore safety checklist
- Safety systems at the terminals
- Terminal integration and operation

Duration 2 Days (16 hours in total, assuming an 8-hour day)

