

Training for Terminal Operators

(Loading Arms, Couplings and IGS/Pollution Prevention)



A QUALITY TRAINING BY

Institute of Maritime Education & Training, Singapore

A CERTIFICATE COURSE FOR TERMINAL OPERATORS

Loading Systems – Operations, Safety and Maintenance

Marine Loading Terminals:

More than two-thirds of oil consumed worldwide is transported by sea from the producer to the consumer in a dedicated fleet. The most critical point of the oil transport by sea business is at the interface of the ship and the terminal. Manned and managed by personnel with a variety of skills, this course aims to provide a combination of knowledge and information to the operators at the interface e.g. Loading Masters, Marine Safety Officers, Terminal Managers.

Course Aims & Content:

This course is designed to provide comprehensive operational knowledge to the terminal operations and management staff to understand the operations of the interface equipment e.g. loading arms, hoses, connect couplings and emergency release systems.

The course also aims to apprise the operators with some of the essential components of the cargo transfer chain e.g. inert gas systems, crude oil washing and pollution prevention.

At the end of this course, the trainee shall be able to:

- Know and Understand the various types of marine loading arms
- Prepare, test and safely connect hoses, loading arms and vapour return lines
- Know the forces and stresses acting on the manifold and the vessel during cargo transfer operations
- Know and use the various types of marine quick connect and disconnect couplings
- Know the emergency release systems for marine terminals
- Care and Maintenance of Loading Arms, Couplings and Emergency Release Systems
- Understand the operation of the Inert Gas Systems
- Know and establish the procedures for the prevention of pollution of the seas, in accordance with the provisions of the MARPOL 73/78, as amended and application of any local laws
- Know the basic function of crude oil washing and its impact on operations

Training Methodology:

- Lectures, Case Studies and Group Discussions

Who Should Attend?

- Terminal Managers
- Terminal and Cargo Operators, Loading Masters
- Marine Safety Officers for Oil Transfer Terminals
- Oil and Gas operators with an interest in terminal operations

Course Duration:

2.5 days

Certificate:

Certificate Of Completion of Training will be issued to all candidates who successfully complete this course.

For successful completion, a participant must score at least 75% in the end of course assessment, to be eligible to be awarded the certificate of completion of the training

Please contact us at admin@imeta.com.sg for fee details/course schedule