

LOADING MASTER FOR OIL/GAS/LNG TANKER AND TERMINALS

Start Date:	28/12/2026	End Date:	01/01/2027
Categories:	HSSE	Venues:	London
Formats:	In Person	Instructors:	

OVERVIEW

This course trains professionals to manage the critical ship-shore interface during oil, gas, and LNG tanker operations. It emphasizes compliance with international regulations, safe cargo handling, emergency preparedness, and coordination for incident-free terminal operations.

OBJECTIVES

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

- Understand the role and responsibilities of a Loading Master.
- Coordinate loading and unloading operations with tankers.
- Apply international standards and terminal safety protocols.
- Ensure proper documentation and communication.
- Manage pre-arrival planning and checklists.
- Monitor cargo transfer operations safely.
- Respond to emergencies effectively.
- Conduct post-operation reporting and reviews.

COURSE OUTLINE

- Role and Duties of the Loading Master
- Oil/Gas/LNG Terminal Operations Overview
- MARPOL, ISGOTT, OCIMF, SIGTTO Regulations
- Pre-Arrival and Pre-Transfer Planning
- Ship-Shore Safety Checklists
- Cargo Transfer Procedures
- Emergency Response and Pollution Prevention
- Loading Equipment and Vapor Recovery Systems
- Documentation and Cargo Calculations
- Case Studies on Operational Incidents

TARGET AUDIENCE

Terminal loading masters, marine terminal operators, port supervisors, safety officers, cargo surveyors, and professionals in oil/gas/LNG operations.

METHODOLOGY

Technical presentations, guideline reviews, simulations, interactive discussions, workshops, and real-world case studies.

CONCLUSION

Participants will be equipped to perform as competent Loading Masters, ensuring safe and

compliant tanker-terminal operations aligned with global standards.

DAILY AGENDA

Day 1: Intro to Loading Master Role

Role, terminal operations overview, cargo hazards, and international regulations.

Day 2: Pre-Arrival & Pre-Transfer Planning

Terminal prep, ship-shore interface, safety checklists, and simulation exercises.

Day 3: Cargo Transfer Operations

Flow monitoring, emergency shutdown, tank gauging, and pollution prevention.

Day 4: Loading Equipment & Emergency Response

Loading arms, vapor recovery, emergency drills, and spill response scenarios.

Day 5: Documentation & Final Review

Cargo calculations, reporting, operation plans, lessons learned, and closing.

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