



OIL AND GAS

Loading Master for Oil, LNG, Gas, and Petrochemical Terminals

Professional training programme



SPARK TRAINING

Professional training courses for leaders, specialists, and organizations seeking practical capability development.

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— Workshop Overview

Effective and safe handling of oil, LNG, gas, and petrochemical cargoes is critical in terminal operations. This

Why Attend

This course uses instructor-led sessions, guided discussion, and practical exercises built around Day one: Overview of Loading Master Responsibilities and Terminal Operations, Day two: Loading and Unloading Procedures, Day three: Safety, Risk Management, and Emergency Response, and day four: environmental

Who Should Attend

Loading Masters and terminal supervisors.
Marine and terminal operations personnel.
Safety officers and environmental specialists.
Engineers and technicians working in oil, LNG, gas, and petrochemical terminals.
Shipping and logistics professionals responsible for terminal operations.

— Learning Objectives

- Define and execute the responsibilities of a Loading Master effectively.
- Ensure compliance with international safety, operational, and environmental regulations.
- Supervise terminal operations, including loading and unloading, with precision.
- Identify, assess, and mitigate risks during terminal operations.
- Respond to emergency situations with confidence and efficiency.
- Foster collaboration and effective communication with terminal teams and external partners.

— Course Outline

DAY 1

Day one: Overview of Loading Master Responsibilities and Terminal Operations

- Role and responsibilities of the Loading Master
- Types of terminals: Oil, LNG, gas, and petrochemical
- Introduction to cargo handling systems and infrastructure
- Safety regulations and international standards (e.g., IMO, ISGOTT, SIGTTO)
- Terminal communication protocols and stakeholder coordination

DAY 2

Day two: Loading and Unloading Procedures

- Pre-arrival and pre-loading checklists
- Cargo compatibility and contamination prevention
- Best practices for loading and unloading operations
- Monitoring and managing terminal operations
- Case studies on operational challenges and solutions

DAY 3

Day three: Safety, Risk Management, and Emergency Response

- Identifying hazards in terminal operations
- Risk assessment and mitigation strategies
- Emergency response planning and drills
- Fire safety and spill prevention techniques
- Incident investigation and reporting

DAY 4

Day four: Environmental Compliance and Sustainability

- Environmental impact of terminal operations
- Managing air, water, and soil pollution
- Adhering to MARPOL and other environmental regulations
- Sustainable practices in terminal operations
- Technology and innovation for greener operations

DAY 5

Day five: Advanced Operations and Leadership Skills

- Navigating complex cargo operations (e.g., LNG and hazardous materials)
- Leadership and decision-making for Loading Masters
- Effective communication and stakeholder management
- Continuous improvement in terminal performance

- Final assessment and certification ceremony

— Upcoming Classroom Dates

DATE	LOCATION	FEE
5 - 9 October 2026	Barcelona - Spain	€1,925
16 - 20 November 2026	Rome - Italy	€2,125
7 - 11 December 2026	Munich - Germany	€1,725
11 - 15 January 2027	Barcelona - Spain	€1,925
8 - 12 February 2027	Cape Town - South Africa	€1,420
8 - 12 March 2027	Frankfurt - Germany	€1,625
12 - 16 April 2027	Barcelona - Spain	€1,925
10 - 14 May 2027	Barcelona - Spain	€1,925

— Certificate and Registration

Participants who attend and complete the full programme receive a SPARK Training Certificate of Completion. For registration, in-house delivery, or availability questions, contact info@sparktraining.eu or +31 85 115 0004.