

# LNG STORAGE, LOADING & MARINE TRANSFER OPERATIONS

Start Date:	29/12/2025	End Date:	02/01/2026
Categories:	Oil & Gas	Venues:	Madrid
Formats:	In Person	Instructors:	

## OVERVIEW

This advanced course focuses on the technical and operational aspects of LNG storage systems, loading procedures, and marine transfer safety. It covers design standards, operational workflows, and incident prevention measures.

## OBJECTIVES

- Understand LNG storage tank design, insulation, and boil-off gas handling.
- Plan and execute safe LNG loading and unloading operations.
- Apply international codes for marine transfer operations.
- Implement emergency shutdown and spill response systems.
- Conduct risk assessments for LNG transfer activities.

## COURSE OUTLINE

- LNG Storage Systems and Tank Types
- Loading Arms, Jetty Design, and Docking Procedures
- LNG Carrier Interfaces and Communication Protocols
- Transfer Procedures and Safety Instrumented Systems
- Emergency Shutdown Systems and Spill Containment
- Marine Regulations and Case Studies

## TARGET AUDIENCE

Marine terminal operators, LNG logistics personnel, port safety officers, and engineers.

## METHODOLOGY

Interactive technical sessions, video simulations, and operations planning exercises.

## CONCLUSION

Participants will strengthen competencies in LNG transfer operations, storage safety, and marine handling.

## DAILY AGENDA

### Day 1: Storage Tank Systems

Design, insulation, and boil-off gas management.

### Day 2: Loading Systems & Docking

Jetty facilities, loading arms, and control systems.

### Day 3: Transfer Operations

Workflow, signaling, and instrumentation.

### Day 4: Emergency Systems

Shutdown protocols, spill response, and drills.

### Day 5: Marine Interface & Compliance

Regulations, audits, and safety case reviews.

*For more information, please contact us:*

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