MERCURY

Liquefied Natural Gas (LNG) Shipping Training

16 – 20 August 2027
Paris (France)

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

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Ref: 15133_296478 **Date:** 16 – 20 August 2027 **Location:** Paris (France) **Fees:** 6900 Euro

Introduction:

This LNG shipping course charts a rich history of progress and innovation that has revolutionized the gas industry. From humble beginnings, the liquefied natural gas LNG industry and global trade have experienced significant growth in recent years.

This LNG shipping course covers the transit of LNG cargoes on voyages across the globe, which have become significant contributors to the energy mix and security of supply for both existing and emerging energy markets.

With a keen focus on the future of this innovative industry, this course will provide delegates with essential knowledge about LNG shipping. The course covers operational and commercial aspects, technological advancements, and new applications. Shipping is the heart of the LNG industry.

Understanding the end-to-end key topics enables effective decision-making for existing players within the industry and provides a comprehensive understanding for new entrants seeking to capitalize on the opportunities presented in the dynamic market landscape.

Exploring LNG Shipping Capacity and LNG Technology:

Understanding LNG shipping capacity is vital for grasping the intricacies of the LNG shipping market. This section of the course will delve into the current and future capabilities of LNG carriers, examining their sizes, containment systems, and propulsion technologies that are shaping the industry.

Furthermore, a detailed exploration of LNG technology will reveal how modern technological innovations are enhancing efficiency, reducing emissions, and extending the reach of Liquefied Natural Gas LNG shipping. Whether through enhanced containment systems or advanced maritime navigation, technology plays a pivotal role in the evolution of the LNG Shipping Industry.

Participants will explore the LNG shipping market, including an analysis of emerging trends, investment opportunities in LNG shipping stocks, and the geopolitical implications that influence LNG shipping routes. As the industry adapts, understanding the economics and market movements will be key to effectively participating in the world of Liquefied Natural Gas Shipping.

The use of LNG as a shipping fuel represents a significant shift in shipping economics and environmental impact. This course will cover essential information about LNG shipping fuel, including its benefits, challenges, and its role in the overall landscape of LNG shipping. Participants will gain insight into how switching to LNG fuel can impact the operational dynamics of shipping fleets and the broader implications for the future of maritime transportation.

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Targeted Groups:

- Managers, supervisors, and engineers in the LNG industry.
- Professionals within the shipping industry.
- Professionals in energy trading, operations, and asset management.
- Interested parties in the energy and shipping industries, such as surveyors.
- Interested parties in risk management and insurance.
- Professionals within the energy technology sector and stakeholders interested in energy retail developments.
- Other engineers who would like to deepen their understanding of LNG shipping processes.

Course Objectives:

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

- Explore the significance of LNG shipping in the gas industry.
- Determine the key factors influencing global LNG trade.
- Explore the technology and advancements.
- Understand operations, commercial, and safety requirements.
- Understand the latest industry trends and their impact on LNG shipping.

Targeted Competencies:

Upon the end of this LNG shipping training, target competencies will be able to:

- LNG ships and technology.
- Shipping trade: LNG shipping developments.
- Custody transfer.
- Incidents and Safety Record.

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Course Content:

Unit 1: Introduction to LNG Shipping and Technology

- LNG stands for Liquefied Natural Gas.
- Energy Mix: Security of Supply.
- End-to-end value chain.
- LNG Global Trends and Significant Projects.
- The History of Shipping.
- Containment technology.
- Current tonnage overview.

Unit 2: Shipping Trade and LNG Stock Management

- Shipping Routes and Considerations.
- LNG trade: spot and fixed.
- LNG Stock Management.
- Quality considerations.
- Material losses.
- Liquefaction.
- Partial cargoes.
- Rollover.

Unit 3: Ship Propulsion Considerations and LNG Developments:

- Marine fuel oil and liquefied natural gas LNG as marine fuel.
- Emissions Considerations.
- FSRU and FSU.
- FLNG FPSO.
- Ship to ship, ship to shore, ship to ship.
- Reload operations.
- Ice class and Arctic LNG.
- Small-scale bunkering and retail LNG.

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Unit 4: Whole Fleet Considerations and Custody Transfer:

- Ship-shore compatibility.
- Shipping audits.
- Material transfer and quality measurements.
- Surveyors' requirements and processes.
- Contractual requirements.
- Stock Reconciliation.

Unit 5: Loading/Unloading Requirements, Maintenance, and Safety:

- Ship-shore meetings.
- Recordings of transfer timings.
- Letters of protest.
- Maintenance requirements.
- Safety Systems.
- Incidents.
- Safety Records and Public Opinion.