

Advanced Liquefied Gas Tanker Operations - STCW V/1-2 st. 4

Durations:
59,5 hrs

Course code D15

**Scope
(Target
audience)**

The course takes full account of section A-V/1-2 paragraph 3 of the STCW Code adopted by the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, as amended and is based on the guidelines of the IMO Model Course 1.05.

This course provides training for masters, chief engineer officers, chief mates, second engineer officers and any person with immediate responsibility for loading, unloading, care in transit, handling of cargo, tank cleaning or other cargo related operations on liquefied gas tankers.

Objective

Those successfully completing the Advanced training in liquefied gas tanker cargo operations course should therefore be able to safely perform their duties for loading, unloading and care in transit or handling of cargo on liquefied gas tankers.

**Course
content**

- Liquefied gas tanker design, systems, and equipment
- Pump theory and characteristics, including types of cargo pumps and their safe operation
- Effect of bulk liquid cargoes on trim and stability and structural integrity
- Tanker safety culture and implementation of safety management requirements
- Safe preparations, procedures and checklists for all cargo operations
- Cargo measurements and calculations
- Proficiency to manage and supervise personnel with cargo-related responsibilities
- Basic chemistry and physics and the relevant definitions related to the safe carriage of liquefied gases in bulk in ships
- Hazards and control measures associated with liquefied gas tanker cargo operations
- Calibrate and use monitoring and gas detection systems, instruments and equipment
- Dangers of non-compliance with relevant rules/regulations
- Safe working practices, including risk assessment and personal shipboard safety relevant to liquefied gas tankers
- Liquefied gas tanker emergency procedures
- Collision, grounding or spillage and envelopment of the ship in toxic or flammable vapour
- First aid procedures and antidotes on board liquefied gas tankers
- Prevent pollution of the environment, MARPOL
- IBC and IGC Codes

Prerequisite

- Basic training for liquefied gas tanker cargo operations certificate
- 3 months of navigation on tankers
- Identification card or passport
- 2 passport size colored photographs

Note to client

After successful completion of the course and examination candidates will receive an Advanced training for liquefied gas tanker cargo operations certificate.

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