

# LNG CARGO HANDLING OPERATIONS

06B LNG CH

SHIP & CARGO HANDLING



*The future of  
world class  
seafarers*

This course is intended for seafarers who have limited direct understanding of LNG tanker operations and are about to assume immediate responsibility in handling of cargoes onboard LNG vessels. By and large, the course is designed to serve as a base training program for those with little or no experience on LNG tanker operations.

**COURSE AIMS:** The course aims to provide essential and applied knowledge on the safety aspects & practices and cargo operations onboard LNG Vessels. The hands-on instruction covers practical-based cargo operations consisting of series of exercises based on cargo and ballast equipment found on a LNG carrier using either the Moss-Rosenburg Spherical Containment System or Membrane Containment system.

**COVERAGE / PROGRAM FOCUS:** Emphasis of instruction and training exercises deals with the following cargo and ballast operations:

- Inerting, Gassing up, Cool down, Loading, Deballasting during loading operations
- Loaded voyage:
  - i) Maintain cargo tank pressure within safe
  - ii) Use of boil off gas fuel
- Discharging, Ballasting during discharging operations;
- Ballast Voyage:
  - i) Maintain cargo tank pressure and temperature within safe limits
  - ii) Use of boil off as fuel
- Warm-up / Gas freeing

**METHOD:** Combination of classroom lecture-presentation and training instruction reinforced with the use of simulator. All exercises are conducted using the Ship Analytic Liquid Cargo Handling Simulator.

**ENTRY REQUIREMENT / TARGET GROUP:** Preferably experienced as Deck Officer on gas tanker.

**COURSE CERTIFICATE:** A Certificate of Completion is given to each participant who satisfactorily fulfills the Course.

**DURATION:**

1 Week

(5 Days: 0830H – 1600H)

**SCHEDULE:**

This course shall be conducted only upon request with minimum of five (5) participants.

**COURSE**

**CONTRIBUTION:**

USD 1,380.00

*Inclusive of course  
materials/handout*



**Register**

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