



### Specialized Training Programme on Liquefied Gas Tanker Operations (GASCO)

**Duration & Recognition:** This is an 11-day course approved by the D G Shipping, India, Maritime & Port Authority (MPA) Singapore and Liberia.

**Conducted at:** Mumbai & Lonavala

#### Objective:

This course provides understanding of safety on liquefied gas tanker, pollution prevention, operational practice and obligation under applicable laws and regulations for masters, chief engineers, officers and any other person with immediate responsibility for the loading, discharging and care in transit or handling of cargo. It comprises of a specialized training programme appropriate to their duties. The course takes full account of section A-V/1 of the STCW Code adopted by the International Convention on Standards of Training, Certification and Watch Keeping for Seafarers 1978, as amended.

#### Subject Areas:

- Regulations and codes of practice
- Fire fighting
- Chemical and Physical properties of gas cargoes
- Health Hazards and Pollution
- Cargo Containment and Cargo-handling systems
- Safety practices and equipment operational requirement
- Emergency Procedures
- General principles & precautions of cargo operations
- Transportation losses and commercial aspects of gas tanker operations
- Compressor operations
- Tank atmosphere monitoring
- Requirement of cargo condenser, evaporator & heater
- Cargo measurement
- Cargo change over procedures
- Case studies

#### USP:

- 1 Practical on tank fittings at Lonavala
- 2 Supported by liquid cargo handling simulator

#### Eligibility:

This course is open to seafarers who have completed a shore based Advanced Firefighting course approved by the administration. The seafarers should be holding a certificate of management level competency and has a TANKFAM course certificate or 3 months sea service on liquefied gas tankers as an officer, as stipulated in STCW.