

LNG TERMINAL OPERATIONS

COURSE OBJECTIVES

On successful completion of the course, the participants will acquire knowledge of working principles, safe work practices, survey requirements and inspection of all major systems and equipment relating to operation of LNG Import Terminal.

ABOUT THE COURSE

Given its minimal environmental impact as compared to crude oil based petroleum products, Liquefied Natural Gas (LNG) is widely recognised as the clean fuel of the future. With a few nations exporting LNG- mainly to cater to rising demand for energy from importing countries- such as India, the number and capacities of LNG import terminals are poised to increase significantly.

This course aims to enhance the knowledge and understanding of operators, supervisors and engineers engaged in operation, inspection and maintenance of LNG import terminals and the associated systems and equipment.

PARTICIPANTS

Technicians or diploma or graduate mechanical engineers with: i) a minimum experience of three years in LNG import terminal operations and ii) proficiency in English language.

DURATION

Three days

KEY TOPICS

- Safe operation, inspection & maintenance of heat exchangers and gas compressors
- Pipelines & valves
- Control systems, SCADA, PLC
- LNG import operations
- Guidelines on ship-terminal coordination & communications
- LNG storage
- Regulations, standards, inspection/survey guidelines applicable to LNG terminal operations
- Hazards and risks associated with LNG handling
- Fire safety, gas detection
- Safe work practices; safety audits
- Introduction to HAZOP, QRA