



INTRODUCTION LPG CARRIER COURSE

Course Objective

By completion of this course, participants will be able to raise their awareness on the following topics:

- Key operational points/ Steps from dry-dock until discharging
- Cargo handling (Loading/Discharging Pre-Planning)
Cargo handling equipment
- Change of grades, precautions that should take under account
- Safety procedures, Emergency Shut Down (ESD)
- Safety relief valves and filling limits for cargo tanks
- Custody transfer system
(gauging/measurement/temperature & pressure control-monitoring)
- Identification of hazards
- Dangerous zones
- Materials used in cargo tanks and piping

Focus Points

- Gas basic and duties on board
- Definition of LPG Carriers
- Variety of cargo grades
- Equipment on board LPG Carrier / Re-liquefaction plant
- Arrangement of LPG Carrier / Hazardous areas
- Ship Shore interference / Loading arms – Hose connections
- Hazards and MSDS
- Fire Fighting Protection and Special Systems
- Gas detection, environmental atmosphere control / monitoring

Content

This course explains the basics of Liquefied Petroleum Gas (LPG) Carriers in industry, their operation, applicable statutory and special requirements including safety related matters concerning the type of cargo grades, etc.

Participation requirements It is assumed that the target group are interested of knowledge on LPGs
Several topics may be seen as clarifications

Duration 1 day

Who should attend Personnel in Operations, responsible / assist for duties on board , juniors & beginners
LPG/Ethylene/VCM/Ammonia Carriers