

MBS148

Basic IGF + Advanced

Duration 3 days Web-1 day at the center

Target group Ship officers who are responsible for operations related to LNG operation of ships, machinery and bunkering and who have not completed the basic course.

Prerequisites Conducted basic and advanced safety courses for ship's officers
Completed e-learning about the IGF code

Objective Contribute to the safe operation of a ship with fuel with a flash point below 60 degrees C

Contents

- Laws and regulations
- Gas properties/safety
- Safe work with LNG and other gases, protective equipment
- Gas fires, demonstrations
- Basic LNG technology
- Gas/LNG as fuel
- Environmental technology

- Safety - various risks (pressure, temperature, poisoning, ignition, combustion).
- Get to know the gas detector
- LNG technology
- Gas-powered engines
- LNG from well to tank
- Alarms
- Control systems
- Risk analysis - theory and practice
- Procedures around bunkering
- 2 Simulated bunkering

Exam Examination and Evaluation