

LIQUID CARGO AND BALLAST OPERATIONS ON CHEMICAL TANKERS (LICOS)



TARGET GROUP

This training course primary is intended for Masters, Chief Officers and mates who are engaged in chemical tanker operations.



OBJECTIVES OF THE COURSE

A trainee successfully completing this course will be able to:

- Plan and perform loading and discharging of liquid cargo;
- Provide evidence of knowledge of the impact of cargo and cargo handling upon the seaworthiness and stability of a ship;
- Provide evidence of knowledge of the various commodities and how liquid cargo should be taken care of in port and during the voyage;
- Perform required stability, trim and stress control;
- Provide evidence of knowledge of cargo handling equipment;
- Provide evidence of knowledge of principles and procedures for safe handling of ballast and bunkers on all types of ships;
- Provide evidence of knowledge of safe handling, stowage and securing of dangerous, hazardous and harmful cargoes;
- Provide evidence of general knowledge of tankers and tanker operation.



COURSE CONTENTS

The Chemical Tanker Cargo and Ballast Handling Simulator training course covers the following topics:

- Cargo planning, safe loading and unloading cargoes;
- Prevention of sea pollution;
- Maintaining of the ship stability and seaworthiness;
- Study of the ship design and systems;
- Control of pump and piping systems;
- Operation of ballast and cargo handling system;
- Maintaining of the ship stability and seaworthiness;
- Characteristics of transferred media;
- Tanker design and equipment;
- Ship operations;
- Emergency procedures.

APPROVAL



The course covers all subject areas recommended by IMO Model Courses 1.37 "Chemical Tanker Cargo and Ballast Handling Simulator". The course is certified by Latvian Maritime Administration.

INCOME REQUIREMENTS:



To be assigned on course, participant should present:

- National passport;
- Seamen's book;
- National license or educational diploma.

TRAINING APPROACHES AND EQUIPMENT:



During training course theoretical lessons are given using PowerPoint presentations, practical tasks are conducted on SAFE Cargo - Chemical Tanker Model - L3-DPA Simulations Group.

DURATION OF THE TRAINING COURSE



The duration of the Chemical Tanker Cargo and Ballast Handling Simulator training course is 4 working days.