



Ship to Shore Crane (STS)

GENERAL DESCRIPTION OF THE TRAINING

The aim of the training is to provide the necessary knowledge and skills to handle and operate a Ship to Shore Crane in order to load and unload ships in a safe and productive way.

To achieve these objectives, we provide the following training:

- ✓ Lifting gear and use of lifting gear
- ✓ International signals
- ✓ Safety procedures for crane driver
- ✓ Operating a crane
- ✓ Use of a container spreader (twin lift, dual hoist, tandem lift)
- ✓ Risk detection and safety
- ✓ Pre-use checks
- ✓ Basic knowledge of ship structure (cells, gliders, bay's)
- ✓ Technical safety procedures

TRAINING SCHEDULE

Tour of the crane

- ✓ Safety path of the crane
- ✓ Engine room
- ✓ Lights
- ✓ Rails

Lifting gear and use of lifting gear

- ✓ Shackle between hoist and cargo
- ✓ Supervision of actions
- ✓ Maintenance lifting gear
- ✓ Calculating the W.L.L.

Description of the function of crane operator

- ✓ Checking the crane
- ✓ Storm warning
- ✓ People transport
- ✓ Load diagram
- ✓ Visibility
- ✓ Communication
- ✓ Portside and star board
- ✓ Related tasks

International signals (communication)

- ✓ Eye contact
- ✓ Warning signals
- ✓ General moves and signals
- ✓ Vertical movement
- ✓ Horizontal movement
- ✓ Safety

Practice

- ✓ Driving the crane
- ✓ Positioning the crane
- ✓ Combining the movements
- ✓ Using a container spreader (twin lift)
- ✓ Hoisting and lowering containers
- ✓ Twin lifting (dual hoist?, tandem lift ?)
- ✓ Handling hatch covers
- ✓ Loading and unloading of containers on a vessel

Max # candidates: 2 per instructor