



E-CRANE

General description of the training

The scope of the training is to provide the necessary knowledge and skill to handle and operate an E-crane in order to load and unload cargo in a safe and productive way.

In order to achieve this objective, we will provide training on:

- ✓ Lifting gear and use of lifting gear;
- ✓ International signals;
- ✓ Safety procedure crane driver;
- ✓ Operating of the crane;
- ✓ Risk detection and safety;
- ✓ Pre use check up;
- ✓ Basic knowledge of ship structure (cells, gliders, bay's);
- ✓ Technical safety procedures.

Training schedule

The set up of the training schedule is as follows:

Tour of the crane

- ✓ Safety path of the crane;
- ✓ Engine room;
- ✓ Lights.

Lifting gear and use of lifting gear

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

Description of the function

- ✓ Check up crane;
- ✓ Storm warning;
- ✓ Transport of people;
- ✓ Load diagram;
- ✓ Visibility;
- ✓ Communication;
- ✓ Portside and star board;
- ✓ (Stabiliser pads and beams of the crane);
- ✓ Related tasks.

International signals

- ✓ Eye contact;
- ✓ Warning signals;
- ✓ General moves and signals;
- ✓ Vertical movement;
- ✓ Horizontal movement;
- ✓ Danger.

Recapitulation of the course

- ✓ Recapitulation of the main items of the course;
- ✓ Problem solving.

Practical course

- ✓ Stabiliser pads and beams of the crane;
- ✓ Rotation of the crane;
- ✓ Jib movements;
- ✓ Combining the movements;
- ✓ Slewing gear drive unit use;
- ✓ Easy manoeuvring through bottlenecks;



- ✓ Beam movements;
- ✓ Operating and rotating the hook, spreader or grab;
- ✓ Hoisting and lowering containers;
- ✓ Handling hatch covers;
- ✓ (Working with telescopic spreader);
- ✓ (Operating flippers and flipper arm);
- ✓ Attachments over height;
- ✓ Power cable. If present