



Lifting Method and Lifting Gear

GENERAL DESCRIPTION OF THE TRAINING

The objectives of the training are to provide the necessary knowledge and skills to use the correct lifting gear in a safe and professional way.

The trainees have a basic knowledge.

To achieve these objectives, we provide the following training:

- ✓ Regulations on lifting cargo
- ✓ The forces
- ✓ The hoisting factors
- ✓ The hoisting methods
- ✓ Purpose and choice of hoisting material
- ✓ Marking on hoisting material
- ✓ Inspection of hoisting material
- ✓ Signaling hoists

TRAINING SCHEDULE

Regulation on hoisting cargo

- ✓ Rigger
- ✓ Risk analysis

The forces:

- ✓ Gravity and the centre of gravity
- ✓ Drawing forces
- ✓ Forces acting on the hoist

Angles on the slings and reduction factors

Basic hoisting methods

Hoisting factors:

- ✓ Calculation of hoist
- ✓ Using hoisting tables

What is a critical hoist?

The lifting gear

- ✓ Purpose and choice
- ✓ Marking – identification
- ✓ WLL & AWL
- ✓ Inspection of hoisting gear
- ✓ Different types of lifting gear
- ✓ Double parts
- ✓ Endless parts
- ✓ Hoisting points
- ✓ Tension angle
- ✓ Yoyo
- ✓ Two cranes in one hatch
- ✓ Different weights in one hoist

Max # of candidates: 6/instructor

Training duration: 2 days