

Training

1. Target group

Employees who when carrying out hoisting work on company premises in installations, workplaces or laboratories must attach and move critical loads and/or coordinate this work.

The following are regarded as critical loads:

- Loads of which the centre of gravity is not known, that are voluminous in shape or dimensions and that have no defined attachment points;
- Loads that must be precisely positioned and attacked
- Loads that are taken over or whereby there is interaction between crane and building or between crane and crane;
- Loads to be hoisted with a multiple of non-stationary hoisting appliances

Employees working in the (petro)chemical industry must pass this examination at an recognize training centre.

2. Conditions of admission

- Being at least 18 years old.
- Being in possession of a certificate of medical fitness (a/o for safety function)

3. Purpose

Teaching to in an effective and safe way:

- Attach and move loads
- Move loads (communicating with the operator of a hoisting appliance).

4. Final Attainment levels and points of interest

THEORY

- The candidate can explain what critical loads are
- The candidate can explain what the risks are when attaching and moving loads
- The candidate can indicate what the applicable laws and standards are
- The candidate can explain what the aspects of the control system are according to the regulations and VCA
- The candidate can determine the basic characteristics of the load
- The candidate is able to calculate the forces that occur in the rigging material
- The candidate is able to explain the basic concepts related to the load
- The candidate can explain basic concepts and calculate loads relating to the rigging accessories
- The candidate can indicate the legally hand and arm signals
- The candidate can use different types of rigging equipment, components and assemblies , explaining their scope, advantages and disadvantages
- The candidate can explain the maintenance, inspection and storage of different types of rigging material
- The candidate can read the information on the various types of rigging equipment and interpreted

them correctly

- The candidate can determine how a load must be rigged in a safe manner using different types of materials and accessories, depending on the nature of the load
- The candidate can describe the different concerns of the risk analysis of rigging

PRACTICAL

- The candidate can determine the center of gravity of a complicated structure (eg, tube construction) in order to position it correctly
- The candidate can rig a heavy imbalanced load correctly
- The candidate can rig a motor (without using the eyebolts) correctly, and move it on a foundation
- The candidate can rig a long load, from horizontal to vertical stand and lay it back down in the opposite direction
- The candidate can guide a load along a course

5. Validity of diploma

5 years

Information

6. Duration

- Training: 1 to 2 days