

GOAL

Learn how to lift combined or critical loads safely and effectively.

TARGET AUDIENCE

Employees who have to lift critical loads and/or coordinate these works when performing lifting operation on an industrial site, in plants. For employees who work in the (petro) chemical industry, this examination must be taken in a recognized center.

ADMISSION REQUIREMENTS

- Minimum age of 18 years;
- Valid certificate of medical fitness;

COURSE

Training:

- Without experience: 4 days
- With experience: 2 days

Theoretical examination: 30 minutes

Practical examination: 45 minutes

Language: Dutch / English

CONTENT

Theory:

- Definition of critical loads;
- Risks when rigging and slinging of loads;
- Legislation and standards;
- Inspections and regulations;
- Basic characteristics of a load;
- Forces in rigging equipment;
- Basic terminology of forces;
- Basic terminology of rigging equipment and calculating loads in rigging equipment;
- Conventional hand and arm signals;
- Types of rigging equipment, application, advantages and disadvantages;
- Maintenance, inspection and storage of different types of rigging equipment;
- Reading and understanding information on labels of rigging equipment;
- Determining safe slinging of the load with different rigging equipment and accessories, depending on the type of load;
- Points of attention for risk analysis in lifting.

Practice:

- Rigging of a complex structure with a difficult centre of gravity to be determined;
- Rigging of heavy load with eccentric centre of gravity;
- Rigging correctly of an electric motor, moving and placing on a foundation;
- Rigging and slinging of a long load, tailing and placing it in the other direction;
- Guiding of load along a route.

VALIDITY CERTIFICATE

Maximum 5 years.

PRACTICAL INFO

- Maximum number of participants: 5
- Bring PPE and high visibility jacket