

#### Training

#### 1. Target group

Employees working with a forklift truck on company premises, in plants, workshops, warehouses and having to perform tasks with a certain level of difficulty, e.g. stacking at heights, driving and stacking within a limited space, under time pressure, near important installations, with intensive loading and unloading, in places with traffic of persons and/or other means of traffic.

For employees working in the petrochemical industry, this exam must be taken in a recognised 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 how to handle a forklift truck efficiently and safely in order to:

- Move about in an industrial or warehouse environment
- Pick up loads and to move and deliver them safely and efficiently
- Drive in and out of racks and stacked blocks
- Load and unload a truck or container safely and efficiently

#### 4. Final Attainment levels and points of interest

#### THEORY

- The examinee can explain what a forklift truck is.
- The examinee can name the works for which a forklift truck can be used.
- The examinee can recognise other, similar means of transport for horizontal and vertical transport.
- The examinee can name auxiliary tools for horizontal and vertical transport and for handling special loads.
- The examinee can recognise different types of pallets and storage methods.
- The examinee can explain the major concepts with regard to the construction of the forklift truck.
- The examinee can name the different types of drive systems with their respective applications.
- The examinee can interpret correctly the basic regulations for using a forklift truck.
- The examinee can interpret correctly the safety and traffic regulations.
- The examinee can name the factors that may have an impact on stability.
- The examinee can interpret a load diagram.
- The examinee can name the parts of the pre-start inspection.
- The examinee can execute a Last-Minute Risk Analysis (LMRA).

#### PRACTICAL

- Execute the pre-start inspection procedure.

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- Performing a slalom, forward and in reverse
  - Driving through a small passage, forward and in reverse (passage: width of forklift truck + 0.10 m).
  - Loading and unloading of container or truck; pallets next to one another over entire width. The side shift may be used.
  - Taking up and moving of high load.
  - Stacking loaded pallets into racks (distance between racks = maximum length of forklift truck + 0.5 m; minimum stacking height 4 m; obstacle at the back of the rack).
  - Driving up and down a slope (gradient at least 10% and at least twice the length of the forklift truck).
  - Moving and stacking stackable boxes, boxes of pallet cage type.
  - Moving a long load forward and in reverse through a small passage (length of load is at least twice the width of the forklift truck and the passage is maximum 80% of the length of the load).
  - Parking of forklift truck at designated place.
  - Charging the traction battery, filling up the forklift truck with diesel and changing the LPG gas bottle

#### **5. Validity of diploma**

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**5 years**

### *Information*

#### **6. Duration**

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- Training: 1 to 3 days