



Fee
Free

Final exam only

Course technical sheet

Overhead travelling crane/Gantry crane with cabin control –
Practical module

Course code
CARROP_CAB_LA

Test duration
30 min

Passing score
70%

Issued
27/05/2026

Executive summary

The course "Overhead travelling crane/Gantry crane with cabin control – Practical module" focuses on acquiring the operational skills required for the safe and efficient use of overhead travelling and gantry cranes controlled from a cabin. Through an intensive 30-minute practical training, participants learn essential manoeuvres such as moving loads near obstacles, correct use of hoist up/down, bridge and trolley travel controls, and emergency procedures. Particular emphasis is placed on preliminary checks, including consulting load charts and correct use of accessories such as slings and spreaders. The training is aimed at operators needing specific preparation for using these mechanical means in industrial settings, involving real scenarios of load handling and emergency management. The teaching approach includes practical cabin exercises and simulations of critical operations, enhancing understanding and application of safety regulations in accordance with Legislative Decree 81/08 and the State-Regions Agreement. At the conclusion, participant ability to perform safe and precise operations is assessed, with a passing threshold set at 70%.

Certification process

- Registration or login to the Academy platform.
- Completion of the final course examination only. Any training or preparation may be completed externally or through other channels.
- The test questions refer to the objectives, skills and topics described in this technical sheet.
- Assessment of the result, possible validation and certificate issuance according to the rules applicable to the course.

Important note

On Academy, candidates take only the final course examination. Any training or preparation activity may be delivered externally or through other channels. The test questions refer to the topics described in this technical sheet and in the course syllabus summary.

Syllabus summary

State-Regions Agreement 17/04/2025 (Rep. 59/CSR), Annex A – section 8.3.11 (6-hour practical module);
Legislative Decree 81/08, art. 73(5)

Training objectives

- Learn basic manoeuvres for safe and correct use of overhead and gantry cranes with cabin controls
- Manage operational and emergency procedures

Certification Bodies Management systems

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Page 1

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control – Practical module

- Gain familiarity with hoist up/down, bridge and trolley travel controls

Skills acquired

- Perform lifting and load travelling operations with safety awareness
- Conduct preliminary assessment of load capacity and equipment
- Handle emergencies and respond promptly

Target audience

Operators responsible for controlling overhead and gantry cranes with cabin control in industrial contexts

Prerequisites

Basic knowledge of safety regulations and mechanical equipment functions

Program

- Introduction to controls and monitoring devices
- Practical load handling simulations
- Emergency drills
- Equipment checks and safety verification

Teaching methodology

Practical cabin exercises and operational simulations

Assessment methods

Practical and theoretical test requiring at least 70% correct answers

Duration

30 minutes

Certification

Certificate of participation

Expected outcomes

Ability to safely and competently operate overhead and gantry cranes with cabin control