TECHNICAL LEARNING AND ASSESSMENT DOSSIER

Overhead Bridge Crane – Theory-Technical Module

Price / certificate issuance
On request
VAT excluded

Course code	Minimum duration	Final pass score	Dossier issue
CARROP_TEO_LA	60 min	70%	29/11/2026

1. Course identity, purpose and scope

The course "Overhead Bridge Crane – Theory-Technical Module" provides targeted training for operators using overhead cranes in industrial and material handling environments. Focused on essential theoretical and technical knowledge, the course covers key topics such as the main crane components (bridge, trolley, hoist), control and movement methods (hoist up/down, travel), load slinging and center of gravity, as well as safety regulations associated with equipment like radio remote controls and spreader beams. Special emphasis is placed on pre-use inspections, standard hand signals and communication for effective operation, and best practices for load parking and shift completion. The training includes a theoretical module lasting approximately 60 minutes, featuring an intermediate test to assess learning with a minimum passing score of 70%. This course is essential for gaining an in-depth understanding of technical and regulatory aspects for the safe operation of overhead cranes, compliant with current legislation, specifically Legislative Decree 81/2008 and the State-Regions Agreement dated April 17, 2025.

This extended technical dossier describes the pathway as published in CIWZ Academy on the issue date. It consolidates purpose, references, learning architecture, module contents, assessment system, passing criteria and certificate conditions. It does not replace the official texts of the standards, laws, guidelines or schemes referenced.

2. Normative, regulatory and technical references

Legislative Decree 81/2008, art. 73(5) + State-Regions Agreement 17/04/2025 (Rep. Acts No. 59/CSR) – Annex A, section 8.3.11 “overhead crane”: Theory-Technical Module (4 hours) and intermediate test (minimum pass mark 70%)

References are used as the learning and assessment framework within the limits of published content and available sources. For professional application, the official and current versions of the referenced documents always prevail.

3. Learning architecture and assessment system

- minimum tracked time: 60 min
- active final-exam bank: 200 questions
- final exam: 30 questions selected from the bank
- passing threshold: 70%

- Direct access to the final assessment under the published rules for the exam-only pathway.
- Exam assembly from the active course bank and scoring against the published pass threshold.
- Recording of the result and, where applicable, request for the final certificate.

4. Official catalogue technical information

Learning Objectives

Provide technical and regulatory knowledge essential for the safe operation of the overhead crane.

Skills Acquired

- Identification of main overhead crane components
- Correct execution of controls and movements
- Load slinging and center of gravity management
- Pre-use inspections and operational safety
- Use of signals and standard communication

Target Audience

Operators assigned to overhead crane operation, industrial material handlers requiring technical training.

Prerequisites

None specific; basic knowledge of industrial work environments is recommended.

Program

- Overhead crane components: bridge, trolley, hoist
- Controls: hoist up/down, travel
- Slinging and center of gravity
- Limit switches and limiters
- Hand signals and communication
- Pre-use inspections
- Good practices for parking and end-of-shift

Teaching Methodology

Theoretical lessons with practical examples, supported by intermediate tests to verify knowledge.

Assessment Method

Intermediate test with a minimum passing score of 70%.

Duration

60 minutes of theoretical training.

Certification

Certificate of attendance upon passing the intermediate test.

Expected Outcomes

Acquisition of technical skills for safe and regulatory-compliant overhead crane operation.

7. Assessment system, final exam and passing criteria

- The final assessment consists of 30 questions selected from the active course bank. The platform applies an anti-repetition logic for new attempts when the bank size allows it.
- Final question-bank size detected at generation time: 200 active questions.
- Published passing threshold for the course: 70%.
- Questions are intended to assess not only recall but also interpretation, application, evidence selection, scenario assessment and quality of decision-making, depending on the subject matter.

8. Tracking, learning continuity and session integrity

- Path status, completed modules and recorded time are managed server-side when the course uses the Academy learning mode.
- The platform allows the pathway to resume from the recorded point and retains the results of required checks.
- Assessment sessions may be subject to the integrity and proctoring controls enabled by the platform and described in the applicable usage rules.
- Technical and integrity events support assessment and do not replace professional judgement where human review is required.

9. Certificate, use and limitations

The CIWZ certificate, where provided by the pathway and requested after passing, records the result achieved in the stated CIWZ pathway or assessment. It does not automatically replace personnel certification, professional registration, statutory licence, legal qualification or credentials issued by third-party bodies where such requirements are imposed by the applicable scheme.

10. Commercial and tax conditions

- Price / certificate issuance: On request VAT excluded.
- UAE VAT is applied to UAE customers according to billing data and the applicable tax rules.
- Any specific commercial terms, agreements or corporate orders override the public price only when formally accepted by Certificato IWZ FZCO.

11. Dossier document control

- Document automatically generated by CIWZ Academy from the course data published at the time of the request.
- Course code: CARROP_TEO_LA
- Document language: EN

- Generation date: 29/11/2026
- For normative and professional application, the current official sources and any applicable procedures/schemes prevail.