

Module *CHIM*

Crane and Hoist Inspection and Maintenance

CHIM (12 h 30 minutes)



Aim: The aim of the training is to enable the technician to inspect, maintain, and test fixed small cranes and fixed hoists complying with relevant legislation and according to relevant manufacturer's inspection and maintenance manuals and documents.

PROGRAM: CHIM Crane and Hoist Inspection and Maintenance

1. Introduction to the training
2. Rules and legislation
3. Documentation
4. Main components of cranes
 - 4.1 Main components of cranes
 - 4.2 Crane maintenance task
 - 4.3 Main components of rails and trollies
 - 4.4 Rail and trolley maintenance tasks
 - 4.5 Main components of hoists
 - 4.6 Hoist maintenance tasks
5. Safety systems
6. Hydraulic systems
7. Theory application
8. Electrical systems
 - 8.1 Pre-use inspections
 - 8.2 Pre-lifting tasks
9. Practical exercise
 - 9.1 Training scenario 1
 - 9.2 Training scenario 2, inspection & maintenance on cranes
 - 9.3 Training scenario 3, inspection & maintenance on hoists
10. Troubleshooting and fault finding according to manufacturers' manual
11. Training review

Module CHIM Crane and Hoist Inspection and Maintenance

Duration: 12 hours 30 minutes (2 days)

Prerequisites: A valid GWO Crane and Hoist Basic User training record (or similar brand specific crane and hoist user training)

Certificate Validity: 36 months

Program CHIM: Sections 1 to 11

Maximum students: 12 people per Edition.

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