



Telescopic Boom Handler Operator Training

5 Day Session

Unit Standard 260781

Licence Code C46

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Operating a lifting machine takes place within a regulatory framework that seeks to ensure safety of the operator, the lifting machine and the lifting machine environment. Telescopic boom handlers are inherently dangerous; hence, their safe operation cannot be overstated. The learner will also acquire the competencies and skills to operate the components, systems and levers to accomplish the task of lifting and handling loads appropriately. The aspects of safety and communication during the lifting operation are covered.

It is important that the learners operate Telescopic boom handlers using the competencies in this Unit Standard and in keeping with the requirements of the National Code of Practice (NCOP) for the Evaluation of Training Providers for Lifting Machine Operators (Government Gazette 27292 - 18 February 2005).

Learners credited with this standard will be capable of:

- ☐ Discussing and applying the regulatory framework for operating Telescopic boom handlers.
- ☐ Describing the telescopic boom handler to be operated.
- ☐ Demonstrating mechanical awareness of the telescopic boom handler.
- ☐ Inspecting the telescopic boom handler.
- ☐ Handling loads with a telescopic boom handler.
- ☐ Operating the telescopic boom handler.

Course overview:

The 5-day course (Telescopic Boom Handler Operator) is done in three stages.

Training Contents - Day 1 and 2 Theory

1. Module 1 - Regulatory Framework:

- ☐ OHS Act
- ☐ General Safety Regulation
- ☐ PPE applicable to lifting machine operators
- ☐ Stacking of articles
- ☐ General Machinery Regulation 18
- ☐ Safe Code of Practices
- ☐ Slings responsibilities
- ☐ Procedures and precautions
- ☐ Assessing risks
- ☐ Working with or near telehandlers



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Training Contents - Day 1 and 2 Theory

2. Module 2 - Telescopic Boom Handler:

- ☐ Different types of cranes and their applications
- ☐ Physical requirements for crane / telehandler operators
- ☐ Using the telehandler
- ☐ Limitations and capabilities of the telehandler

3. Module 3 - Components of the Telescopic Boom Handler

- ☐ Main Parts
- ☐ Cabin and controls
- ☐ Systems
- ☐ Safety devices
- ☐ ISO Systems
- ☐ Attachments
- ☐ Troubleshooting

4. Module 4 - Inspection and recording

- ☐ Operating checks
- ☐ Roadworthy
- ☐ Preparing the telehandler for a trip
- ☐ Inspecting the machine
- ☐ Starting the telehandler
- ☐ Preliminary tests
- ☐ Logbooks and other checklists
- ☐ Shutting down procedure

Training Contents - Day 1 and 2 Theory Cont.

5. Module 5/6 - Operate the Telehandler

- ☐ Safety Precautions
- ☐ General Safety Signs
- ☐ Principles of operation
- ☐ Range diagrams and load charts
- ☐ Pick up and carry lifts
- ☐ Handle the load
- ☐ Dangerous goods
- ☐ Starting the engine
- ☐ Lifting / lowering the boom
- ☐ Extending / retracting the boom
- ☐ Pitching the attachment holding framework forward / back
- ☐ Outrigger control
- ☐ Working with forks
- ☐ Changing attachments
- ☐ Travelling on roads
- ☐ Parking
- ☐ Communication
- ☐ Radio communication
- ☐ Operate the telehandler

Training Contents - Day 3 and 4

Practical training

Training Contents - Day 5

Practical and written assessments