



"making your skills a priority"

Course Title: Operate a Sideboom

SAQA ID: 262824

NQF Level: 2

Credits: 8

Course Description:

This course trains learners in the operation of a sideboom, a specialized machine used for pipe laying, construction, and heavy lifting tasks. It covers the key skills and knowledge needed to handle a sideboom safely and effectively, including machine checks, load handling, manoeuvring, and safety practices.

Course Objectives:

By the end of this course, learners will be able to:

- Conduct thorough pre-operational inspections and basic maintenance of a sideboom.
- Operate a sideboom skilfully on various terrains and under different work conditions.
- Apply safe load handling and lifting practices.
- Adhere to workplace safety protocols, including hazard identification and emergency procedures.

Benefits of Completing this Course:

- Gain specialized skills in operating a sideboom for heavy lifting tasks.
- Enhance employability in industries such as construction, pipeline installation, and logistics.
- Achieve a recognized qualification in specialized equipment operation.
- Develop greater awareness of safety protocols and hazard management in the workplace.

Who Should Attend:

- Construction and pipeline workers responsible for moving heavy loads.
- Machine operators in industries requiring precise lifting and positioning.
- Individuals seeking to expand their skills in specialized lifting equipment operation.

Assessment:

Assessment will be based on the learner's ability to:

- Conduct pre-operational and routine maintenance checks on the sideboom.
 - Demonstrate proficiency in load handling, lifting, and positioning.
 - Participate in practical exercises and discussions on safety and hazard control.
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TRAINING AND PROJECTS

"making your skills a priority"

Specific Outcomes and Assessment Criteria:

By successfully completing this SAQA Unit Standard, learners will demonstrate competency in the following:

1. Conduct Pre-Operational Checks and Basic Maintenance on the Sideboom:

- Inspect essential components, including hydraulics, controls, and lifting attachments.
- Perform routine maintenance tasks and identify potential issues.
- **Assessment Criteria:** Practical evaluation of inspection and maintenance tasks.

2. Operate the Sideboom Safely in Different Work Environments:

- Control the sideboom effectively on uneven terrain and in confined spaces.
- Execute safe lifting, transporting, and positioning of loads.
- **Assessment Criteria:** Practical exercises in safe and effective sideboom operation.

3. Apply Load Management and Safety Protocols:

- Calculate load limits to maintain stability and prevent tipping.
- Follow lifting safety guidelines and use personal protective equipment (PPE).
- **Assessment Criteria:** Practical demonstration of safe load management and PPE use.

4. Identify Hazards and Respond to Emergency Situations:

- Recognize potential operational hazards and apply preventive measures.
- Implement emergency protocols in response to accidents or equipment failure.
- **Assessment Criteria:** Observation and evaluation of hazard response and emergency preparedness.

By completing this course, learners will develop essential skills to operate a sideboom effectively and contribute to safer, more productive work environments.