



"making your skills a priority"

Course Title: Operate a Truck-Mounted Loader Crane

SAQA ID: 116253

NQF Level: 2

Credits: 20

Course Description:

This course trains learners in the safe operation of truck-mounted loader cranes, focusing on loading, transporting, and unloading materials. Key elements include pre-operational inspections, safe manoeuvring, load handling, and adherence to safety protocols. Learners will gain the skills needed to operate loader cranes safely, ensuring efficient transport and precise load control in various work environments.

Course Objectives:

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

- Conduct pre-operational checks and inspections for a truck-mounted loader crane.
- Safely operate a truck-mounted loader crane to lift, move, and position loads.
- Handle and secure loads for safe transportation.
- Adhere to safety standards and emergency protocols when operating loader cranes.

Benefits of Completing this Course:

- Gain practical skills essential for industries involving transport and heavy lifting.
- Improve safety awareness and operational skills in handling materials.
- Enhance career opportunities in logistics, construction, and related sectors.
- Obtain a recognized qualification supporting advancement in materials handling and crane operation.

Who Should Attend:

- Drivers and operators in logistics and materials handling.
- Construction workers involved in transporting and handling heavy loads.
- Supervisors and managers overseeing truck-mounted crane operations.
- Individuals seeking certification for operating truck-mounted loader cranes.

Assessment:

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

- Conduct comprehensive pre-operational checks.
 - Demonstrate proficient and safe crane operation.
 - Participate in discussions and practical activities on load handling and emergency procedures.
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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 on the Truck-Mounted Loader Crane:

- Inspect the crane and vehicle components to ensure safe operation.
- Identify and report any mechanical issues or hazards.
- Assessment Criteria: Practical assessment of pre-operational and safety checks.

2. Safely Operate the Truck-Mounted Loader Crane:

- Control the crane to lift, transport, and lower loads with precision.
- Manoeuvre the vehicle and crane in confined spaces and varying conditions.
- Assessment Criteria: Practical exercise demonstrating safe crane operation and load control.

3. Secure and Transport Loads Safely:

- Assess load stability and secure loads for safe transport.
- Handle various load types, using appropriate securing methods.
- Assessment Criteria: Practical assessment focused on load handling and securing techniques.

4. Implement Safety and Emergency Protocols:

- Follow safety protocols to prevent incidents during crane operation.
- Apply emergency response procedures in case of equipment failure or load instability.
- Assessment Criteria: Group discussion and practical exercises on safety and emergency response.

By completing this course, learners will develop the necessary skills to operate a truck-mounted loader crane responsibly and efficiently, supporting safe and effective load handling across diverse work environments.