



TRAINING AND PROJECTS

"making your skills a priority"

Course Title: Operate an Articulated Dump Truck

SAQA ID: 262745

NQF Level: 2

Credits: 10

Course Description:

This course provides practical training for individuals who wish to operate an articulated dump truck in various work settings, such as construction, mining, and earthmoving. It covers pre-operational checks, safe operation techniques, load management, and adherence to industry safety standards. This training aims to ensure safe, efficient, and responsible operation of articulated dump trucks in different terrains.

Course Objectives:

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

- Conduct pre-operational inspections and routine maintenance on an articulated dump truck.
- Operate the truck to transport materials safely across different terrains.
- Manage loads effectively, ensuring load stability and secure handling.
- Follow safety protocols and respond to emergency situations appropriately.

Benefits of Completing this Course:

- Acquire essential skills for operating an articulated dump truck in various industries.
- Improve operational safety and efficiency in transporting heavy loads.
- Enhance employability and career opportunities in construction and mining sectors.
- Obtain a recognized certification that supports career growth in heavy machinery operation.

Who Should Attend:

- Construction and mining workers responsible for material transportation.
- Heavy machinery operators seeking certification for articulated dump truck operation.
- Supervisors overseeing dump truck operations on-site.
- Individuals aiming to advance their skills in heavy equipment handling.

Assessment:

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

- Conduct pre-operational checks and identify maintenance needs.
 - Demonstrate safe and efficient dump truck operation.
 - Participate in practical exercises and discussions focused on load management, site safety, and emergency procedures.
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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 Maintenance on the Articulated Dump Truck:

- Inspect equipment for functionality, safety features, and operational readiness.
- Identify and report any issues affecting safe operation.
- **Assessment Criteria:** Practical assessment of pre-operational checks and maintenance activities.

2. Safely Operate the Articulated Dump Truck:

- Manoeuvre the truck to transport loads safely across varied terrain.
- Ensure efficient and controlled handling of materials during operation.
- **Assessment Criteria:** Practical exercise demonstrating effective truck operation and load transport.

3. Manage Loads for Stability and Safety:

- Assess load balance and secure materials appropriately for transport.
- Apply techniques for safe loading, unloading, and load transport.
- **Assessment Criteria:** Practical assessment focused on load management, stability, and safety.

4. Implement Safety Standards and Emergency Protocols:

- Follow safety procedures to minimize operational risks.
- Respond effectively to emergency situations, such as equipment failure.
- **Assessment Criteria:** Group discussion and practical exercises on safety compliance and emergency handling.

By completing this course, learners will gain essential skills for operating an articulated dump truck safely and effectively, contributing to enhanced productivity and safety in their work environments.