



TRAINING AND PROJECTS

"making your skills a priority"

Course Title: Operate Rough Terrain/Earthmoving/Agricultural Equipment

SAQA ID: 260762

NQF Level: 3

Credits: 11

Course Description:

This course provides comprehensive training in the operation of rough terrain, earthmoving, and agricultural equipment. Participants will learn the principles of safe equipment operation, maintenance, and the application of machinery in various settings, including construction and agricultural environments. Emphasis will be placed on operational safety, load handling, and adherence to industry regulations.

Course Objectives:

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

- Conduct pre-operational checks and maintenance on rough terrain and earthmoving equipment.
- Operate various types of machinery safely and efficiently.
- Manage loads and implement safe manoeuvring techniques.
- Follow industry safety standards and emergency procedures related to equipment operation.

Benefits of Completing this Course:

- Acquire practical skills essential for operating rough terrain and earthmoving equipment.
- Enhance workplace safety through proper training in equipment operation and load management.
- Improve career opportunities in construction, agriculture, and related fields.
- Obtain a recognized certification, promoting career advancement in equipment handling.

Who Should Attend:

- Operators and workers in construction, agriculture, and landscaping.
- Supervisors managing equipment operation teams.
- Individuals seeking to enhance their skills in operating heavy machinery.
- Those pursuing certification for operating rough terrain and earthmoving equipment.

Assessment:

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

- Conduct pre-operational and safety checks on equipment.
 - Demonstrate safe and effective operation of various machines.
 - Engage in discussions and practical activities focused on safety, load handling, and maintenance.
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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:

- Inspect machinery for safety and operational readiness, including fluid levels and safety features.
- Identify and report any mechanical faults or hazards.
- Assessment Criteria: Practical assessment of pre-operational inspections and routine maintenance tasks.

2. Safely Operate Rough Terrain and Earthmoving Equipment:

- Operate equipment efficiently under various conditions, including uneven terrain.
- Demonstrate control and precision in handling loads during operation.
- Assessment Criteria: Practical exercise demonstrating safe and effective machinery operation.

3. Manage Loads and Implement Safe Manoeuvring Techniques:

- Assess load weight, balance, and stability before lifting or transporting.
- Use appropriate techniques for loading, unloading, and transporting materials.
- Assessment Criteria: Practical assessment focused on load management and safe manoeuvring.

4. Follow Safety Standards and Emergency Procedures:

- Apply safety protocols to mitigate risks during equipment operation.
- Recognize emergency situations and implement appropriate response measures.
- Assessment Criteria: Group discussion and practical exercises on safety compliance and emergency protocols.

By completing this course, learners will gain the skills and knowledge needed to operate rough terrain, earthmoving, and agricultural equipment safely and efficiently, contributing to enhanced productivity and safety in their work environments.