



TRAINING AND PROJECTS

"making your skills a priority"

Course Title: Operate a Tracked Dozer

SAQA ID: 262729

NQF Level: 2

Credits: 12

Course Description:

This course trains learners to operate a tracked dozer efficiently and safely in a variety of work environments, including construction, mining, and landscaping. Topics include pre-operational checks, dozer controls, grading and levelling techniques, and safety procedures. It equips learners with practical skills to handle a tracked dozer confidently and productively.

Course Objectives:

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

- Conduct pre-operational inspections and routine maintenance of a tracked dozer.
- Operate a tracked dozer safely on different terrains.
- Apply techniques for earthmoving, grading, and site preparation.
- Adhere to safety standards and respond to workplace hazards.

Benefits of Completing this Course:

- Develop essential dozer operation skills applicable in construction, mining, and earthmoving.
- Enhance productivity and safety awareness while handling tracked equipment.
- Obtain a recognized qualification that improves employability in heavy equipment operation.
- Learn best practices for machine maintenance and efficient dozer use.

Who Should Attend:

- Construction workers and earthmoving operators working with tracked equipment.
- Mining personnel involved in material handling and site preparation.
- Site supervisors overseeing heavy machinery operations.
- Individuals looking to gain qualifications in tracked dozer operation.

Assessment:

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

- Perform thorough pre-operational checks and maintenance on the dozer.
 - Demonstrate control and manoeuvrability of the dozer on different surfaces.
 - Engage in discussions and activities related to safety protocols, grading, and terrain adaptation.
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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 Tracked Dozer:

- Inspect critical components, including hydraulics, tracks, and blade attachments.
- Perform basic maintenance tasks, identifying potential issues and reporting them.
- **Assessment Criteria:** Practical assessment of pre-operational checks and maintenance routines.

2. Operate the Tracked Dozer for Site Preparation and Earthmoving:

- Control the dozer effectively on slopes, uneven terrain, and confined areas.
- Perform tasks such as grading, levelling, and material pushing with accuracy.
- **Assessment Criteria:** Practical exercises on dozer operation for earthmoving and grading.

3. Apply Load Management and Safety Practices:

- Balance load distribution and stability during operation to prevent tipping.
- Follow safety protocols, use PPE, and adhere to site-specific safety standards.
- **Assessment Criteria:** Practical assessment of safety practices and load handling.

4. Adapt Operation to Different Soil Types and Conditions:

- Recognize varying soil conditions and adjust dozer operation accordingly.
- Employ suitable techniques for handling wet, dry, or rocky terrain.
- **Assessment Criteria:** Practical demonstration of terrain adaptation and soil handling.

By completing this course, learners will be equipped with the skills needed to operate a tracked dozer efficiently, contributing to safer and more effective earthmoving operations in their work environments.