



TRAINING AND PROJECTS

"making your skills a priority"

Course Title: Operate a Front-End Loader

SAQA ID: 262747

NQF Level: 2

Credits: 12

Course Description:

This course covers the skills and knowledge required to operate a front-end loader, a versatile piece of machinery used for loading, transporting, and moving materials on construction, mining, and agricultural sites. Learners will gain practical experience in pre-operational checks, handling loads, and manoeuvring the equipment safely.

Course Objectives:

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

- Perform pre-operational inspections and basic maintenance on a front-end loader.
- Operate a front-end loader efficiently in different work environments.
- Load, transport, and unload materials safely using appropriate techniques.
- Follow safety protocols to minimize risks and ensure operational efficiency.

Benefits of Completing this Course:

- Gain valuable skills in operating a front-end loader, increasing employability in construction and related fields.
- Acquire a recognized qualification in heavy machinery operation.
- Enhance productivity and safety awareness on work sites.
- Develop practical experience in machine maintenance and safety compliance.

Who Should Attend:

- Individuals working in or seeking employment in construction, mining, or agriculture.
- Heavy equipment operators aiming to gain certification in front-end loader operation.
- Site workers responsible for material handling and loading tasks.

Assessment:

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

- Conduct pre-operational checks and maintenance on the loader.
 - Operate the front-end loader in different terrains and scenarios.
 - Demonstrate effective material loading, transporting, and unloading.
 - Participate in practical evaluations, scenario-based assessments, and safety exercises.
-



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 of the Front-End Loader:

- Inspect essential components such as hydraulics, tires, bucket, and controls.
- Perform routine checks and report identified maintenance issues.
- **Assessment Criteria:** Practical assessment of pre-operation inspection and maintenance tasks.

2. Operate the Front-End Loader Safely and Efficiently Across Various Conditions:

- Manoeuvre the loader on different terrains and within confined spaces.
- Control the loader while handling loads to prevent spillage and maintain stability.
- **Assessment Criteria:** Practical demonstration of manoeuvring and handling skills.

3. Apply Load Management and Material Handling Techniques:

- Maintain balance and avoid tipping while loading, transporting, and unloading materials.
- Use appropriate techniques to ensure safe and efficient material transfer.
- **Assessment Criteria:** Observation of material handling and load management.

4. Adhere to Site Safety Regulations and Identify Hazardous Situations:

- Recognize potential hazards and apply safety measures.
- Follow PPE requirements and adhere to safety protocols on site.
- **Assessment Criteria:** Observation of safety compliance and hazard mitigation practices.

Completing this course equips learners with the skills and knowledge needed to operate a front-end loader efficiently, supporting safety and productivity on various work sites.