



"making your skills a priority"

**Course Title:** Operate a Cab-Controlled Overhead Crane

**SAQA ID:** 116231

**NQF Level:** 2

**Credits:** 8

---

### **Course Description:**

This course equips learners with the necessary skills to operate a cab-controlled overhead crane safely and effectively. Learners will cover pre-operational checks, safe operation procedures, load handling, and positioning techniques. Emphasis is placed on safety protocols, load assessment, and control in various workplace settings, ensuring that crane operators can manage loads with precision and security.

### **Course Objectives:**

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

- Perform pre-operational checks and ensure crane readiness.
- Operate a cab-controlled overhead crane safely and accurately.
- Handle and move loads with precision, following safety guidelines.
- Apply emergency procedures and adhere to industry standards in crane operations.

### **Benefits of Completing this Course:**

- Develop specialized skills in operating cab-controlled overhead cranes, crucial in heavy lifting industries.
- Enhance employability and qualifications in sectors requiring crane operations.
- Improve workplace safety by applying load-handling techniques and safety practices.
- Obtain a recognized qualification to support career growth in manufacturing, logistics, and construction.

### **Who Should Attend:**

- Individuals working in heavy lifting, warehousing, and manufacturing.
- Construction and site workers involved in material handling.
- Supervisors and managers overseeing crane operations.
- Those seeking certification for cab-controlled crane operation.

### **Assessment:**

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

- Conduct pre-operational and safety checks on a cab-controlled overhead crane.
- Demonstrate safe and effective crane operation skills.
- Participate in discussions and practical activities focused on crane safety, load handling, and emergency response.



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 and Safety Inspections:**

- Inspect the cab and controls for functionality and safety.
- Identify and report hazards or issues before operation.
- Assessment Criteria: Practical assessment of pre-operational checks and inspections.

#### **2. Operate the Cab-Controlled Overhead Crane Safely:**

- Control the crane from the cab, managing lifting, lowering, and precise positioning.
- Operate under various conditions, ensuring load stability and safety.
- Assessment Criteria: Practical exercise demonstrating safe and effective crane operation.

#### **3. Safely Handle and Position Loads:**

- Assess load weight, centre of gravity, and secure lifting points before movement.
- Position loads accurately, following safety and workplace guidelines.
- Assessment Criteria: Practical assessment of safe load handling and accurate positioning.

#### **4. Follow Emergency Procedures and Safety Protocols:**

- Implement emergency procedures for incidents like crane malfunction or load issues.
- Use appropriate PPE and follow standard operational protocols.
- Assessment Criteria: Group discussion and practical exercise on emergency handling and safety compliance.

---

By completing this course, learners will gain the skills to operate a cab-controlled overhead crane with a high degree of safety and precision, contributing to efficient and safe load management in various industrial environments.