

Overhead Crane Cab Controlled C31 Operator

1. Overview

The purpose of this programme is to prepare participants to competently and safely operate an Overhead Crane Cab Controlled C31 within various industrial environments.

Participants will gain an understanding of:

- The high-risk environment associated with crane operations
- The mechanics of lifting, lowering, and moving loads in suspension
- Safe operational principles aligned to legislation and the National Code of Practice (NCoP)
- Communication skills required in complex and noisy industrial settings
- Fundamental knowledge of other crane types

An Overhead Crane Cab Controlled C31 Operator raises, lowers, and moves loads in suspension using an overhead crane system.

2. Programme Outcome:

- Conduct pre-start, start-up, and operational checks for an Overhead Crane Cab Controlled C31
- Conduct mobilisation and demobilisation of an Overhead Crane Cab Controlled C31 in accordance with standard operating procedures
- Perform attaching, lifting, moving, positioning, and lowering operations using an Overhead Crane Cab Controlled C31 safely and effectively
- Communicate effectively during crane operations
- Identify and understand the basic operational characteristics of other crane types

Qualification:

Certificate of Completion

Duration:

5-Months

Programme Type:

Category B – Workplace-Based Learning Programme

Programme ID:

PA0684

Skills Programme ID:

SP – 211022

NQF Level:

3

Credits:

40

Entry Requirements:

NQF Level 2 qualification

Training Options:

Online - Each participant will receive access to an online portal, where all programme materials and resources are available. Training is delivered fully online, and participants will join scheduled Microsoft Teams sessions facilitated by a trainer. This mode provides flexibility and allows learners to participate from any location.

Blended - Blended learning combines both online and face-to-face training. Participants receive access to an online portal for online content, resources, and self-paced activities. They also attend scheduled in-person contact sessions with a facilitator, either at the client's premises or providers campus. This approach offers the flexibility of online learning with the added support of guided, interactive sessions.

Face-to-Face - Each participant will receive training resources, which contains all programme materials and resources. Training is delivered through onsite contact sessions, either at the client's premises or providers campus, where a facilitator conducts the sessions in a classroom environment.

Minimum Participants Required: (1) Online, (1) Blended & (1) Face-to-face

3. Programme Content

- **(211022 SP):** Overhead Crane Cab Controlled C31 Operator

4. Modules

Knowledge Component

Code	Topic	Credits
900047-000-00-KM-01	Safety, Health, Environmental, Risk and Quality (Legislation and QMS)	2
900047-000-00-KM-02	Basic understanding of Equipment, Materials, Maintenance and Techniques	4
900047-000-00-KM-03	Basic Rigging, Slings and freight handling	1
900047-000-00-KM-04	Principles of Communication	1
900047-000-00-KM-05	Principles of Lifting Machine operations	4
		Total 12

Application Component

Code	Topic	Credits
900059-000-00-PM-01	Conduct pre-start, start-up and operational checks of an Overhead Crane Cab Controlled C31	2
900059-000-00-PM-02	Conduct set-up checks of an Overhead Crane Cab Controlled C31	2
900059-000-00-PM-03	Plan and prepare for lifting with an Overhead Crane Cab Controlled C31	2
900059-000-00-PM-04	Operate Overhead Crane Cab Controlled C31 by lifting, moving and positioning loads	20
900059-000-00-PM-05	Secure, refuelling/energising and shutdown an Overhead Crane Cab Controlled C31	2
		Total 28

We trust that the above is in order and look forward to hearing from you for Implementation

5. Workplace-Based Learning Programme

This WLP is a fusion of academic learning and practical work. The learning is directly applied to the workplace by using client-based mentors and extensive workplace-based portfolio work and assignments. Apart from the obvious benefits of a workplace directed qualification, each WLP qualifies for recognition as a Category B Skills Programme in the Learning Matrix of the Amended BEE codes, which allows for the salaries of participants to be recognized as part of the Skills Development Expenditure.

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