

Overhead Crane Pendant Radio Controlled C30 Operator

1. Overview

The purpose of this programme is to prepare participants to competently and safely operate an Overhead Crane Pendant Radio Controlled C30.

The programme equips participants with:

- An understanding of health, safety, and regulatory requirements for crane operations
- Knowledge of equipment, materials, rigging, and communication principles
- Practical skills to lift, lower, move, and position loads using a radio-controlled overhead crane
- The ability to prepare, mobilise, operate, and demobilise the crane in accordance with the National Code of Practice (NCoP)

A qualified participants will be able to operate an overhead crane designed for raising or lowering loads or moving them in suspension.

2. Programme Outcome:

- Conduct pre-start, start-up, and operational checks for an Overhead Crane Pendant Radio Controlled C30
- Conduct pre-start, start-up, and operational checks for an Overhead Crane Pendant Radio Controlled C30
- Conduct attaching, picking up, lifting, moving, positioning, and lowering operations safely using an Overhead Crane Pendant Radio Controlled C30
- Apply effective communication during crane operations
- Understand basic operational characteristics of other crane types
- Demonstrate safe work behaviours as required in industrial settings

Qualification:

Certificate of Completion

Duration:

5-Months

Programme Type:

Category B – Workplace-Based Learning Programme

Programme ID:

PA0322

Skills Programme ID:

SP – 211023

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

- **(211023 SP):** Overhead Crane Pendant Radio Controlled C30 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
900060-000-00-PM-01	Conduct pre-start, start-up and operational checks of an Overhead Crane Cab Controlled C31	2
900060-000-00-PM-02	Conduct set-up checks of an Overhead Crane Cab Controlled C31	2
900060-000-00-PM-03	Plan and prepare for lifting with an Overhead Crane Cab Controlled C31	2
900060-000-00-PM-04	Operate Overhead Crane Cab Controlled C31 by lifting, moving and positioning loads	20
900060-000-00-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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