



Excellect 209 (PTY) LTD Trading as

NICORE

Training and Development

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SLING AND COMMUNICATE DURING CRANE OPERATIONS

US 253638

NQF Level: 02

Credits: 4

COURSE OVERVIEW



PURPOSE OF THE UNIT STANDARD

The qualifying learner is capable of:

Demonstrating an integrated practical and theoretical grounding in Crane Operations, inspecting and evaluating lifting gear, preparing and slinging regular loads, as well as communicating during crane operations.

The contribution to The National Skills Development Strategy is the key developmental interface between learners and new competencies to be achieved.

Learners who master the applied competence described in this unit standard will contribute to the development of a professional community of mechanical handling specialists who are able to competently use science and technology when applying operation techniques.

The contribution to socio-economic transformation is that learners will be able to undergo RPL-assessment and thereby receive recognition for previous learning and experience. This in turn will enhance the employability and career prospects of learners employed in this sector.

Specific Outcomes and Assessment Criteria:

SPECIFIC OUTCOME 1

Identify types of lifting equipment.

ASSESSMENT CRITERIA

1. Types of lifting equipment are described in relation to their purpose and use. The mass of various regular loads are calculated, lifting equipment selected, and applicable sling and lifting gear applied to the load in accordance with the relevant Codes of Practice and Company procedures.
2. Packing and dunnage are selected and applied to crane lift situations, in accordance with the relevant Codes of Practice and Company procedures.

SPECIFIC OUTCOME 2

Inspect and evaluate lifting gear.

ASSESSMENT CRITERIA

1. Lifting gear is inspected and evaluated in accordance with relevant Codes of Practice and Company procedures.

SPECIFIC OUTCOME 3

Prepare and sling regular loads.

ASSESSMENT CRITERIA

1. Regular loads are prepared and slung in accordance with the relevant Codes of Practice.
2. Tie appropriate knots in natural or synthetic ropes.

SPECIFIC OUTCOME 4

Communicate during crane operations.



ASSESSMENT CRITERIA

1. Hand signals for cranes and lifting appliances are in accordance with recognised practice.
2. Audible communication is done in accordance with the relevant Codes of Practice, and company procedures.