

SAQA US ID	116235	ELECTIVE		
Unit Standard Title	Operate a pendant controlled overhead crane			
NQF Level	02	SGB	Civil Engineering Construction	
Credits	5	Notional Hours		50
Duration	Candidate	Knowledge	Practical's	On the job
	Novice	2 days	3 days	N/A
	RPL (Re-fresher)	N/A	N/A	N/A
	Re-certification	½ day	½ day	N/A
Ratio of candidates to assessor	4:1		4:1	N/A

NOTE: For re-certification, previous certificates, not older than 90 days of its expiry date, are to be produced as evidence

: Duration may also be extended if an assessor is not satisfied with the candidate's performance.

<p align="center"><u>PURPOSE OF THE COURSE</u></p> <p>Demonstrating an integrated practical and theoretical grounding in Crane Operations according to safe handling and maintenance practices in compliance with crane manufacturer's and legislated standards.</p> <p>Learners who master the applied competence described in this unit standard will contribute to the development of a professional community of Civil Engineering Construction Crane Operators who are able to competently use science and technology when applying operation techniques</p>	<p align="center"><u>PRE-REQUISITES</u></p> <ul style="list-style-type: none"> • Literacy and Numeracy and NQF Level 1 / ABET level 4 / Grade 9 • Copy of an ID certified no more than 3 months • The operator should be declared physically fit and have completed an eyesight test and an industry recognised depth perception and hand-eye co-ordination test • Induction record addressing: <ul style="list-style-type: none"> ➢ Relevant COP ➢ OHS and General Housekeeping ➢ Mechanical Awareness and Plant Appreciation
<p align="center"><u>SPECIFIC OUTCOMES OF THE COURSE</u></p> <ul style="list-style-type: none"> • Demonstrate knowledge of the functions of a pendant controlled overhead crane. • Identify the safety and suitability of the crane • Apply the recognised methods for inspecting and recording the operational fitness of all components of the crane • Operate a pendant overhead crane 	<p align="center"><u>ESSENTIAL EMBEDDED KNOWLEDGE</u></p> <ul style="list-style-type: none"> • The Pendant Controlled Overhead Crane's operating procedures and main functions of all major components and systems • The maximum operating capacities of the designed working capabilities. • Statutory requirements including the Relevant Code of practice and Safety, Health & Environmental legislation • Recognized hand signals (and other methods of communication) to direct the crane movements.