

MQA/SP/0177/19 - Operate Mobile Machinery for Surface Excavation Operations

SAQA US ID	259639	CORE		
Unit Standard Title	Explain basic health and safety principles in and around the workplace			
SAQA US ID	253025	CORE		
Unit Standard Title	Demonstrate knowledge and ability to work in a surface mine			
SAQA US ID	13961	GENERAL ELECTIVE		
Unit Standard Title	Demonstrate Knowledge and Use of Hand Operated Fire Fighting Equipment			
NQF Level	02	SGB	Occupational Health and Safety	
Combined Credits	16	Notional Hours	160	
Duration	Candidate	Knowledge	Practical's	Workplace
	Novice	05 Days	02 Days	10 Days
	Re-fresher (RPL)	02 - 03 Days	01 Day	N/A
	Re-certification	N/A	N/A	N/A
Ratio of Candidates to Assessor		20:1	20:1	20:1

NOTE: MQA SKILLS PROGRAM RULES BEFORE A SOR (Statement of Results) CAN BE ISSUED:

- All Cores need to be completed
- At least 1 Specialisation Elective
- At least 1 General Elective Unit Standard

RPL Evidence Requirements Prior to Enrolment

- Mine Induction Records
- Medical Certificate
- Curriculum Vitae
- Testimonial

<u>PURPOSE OF THE COURSE</u>	<u>PRE-REQUISITES</u>
People credited with this Skills Programme are able to operate mobile machinery in surface mining and quarrying operations.	<ul style="list-style-type: none"> • Communication at NQF Level 1. • Mathematical Literacy NQF Level 1. • Certified copy of ID • Copy of learners Medical Certificate
<u>SPECIFIC OUTCOMES OF THE COURSE</u>	<u>ESSENTIAL EMBEDDED KNOWLEDGE</u>
<ul style="list-style-type: none"> • Explain the requirements of the relevant aspects of the Mine Health and Safety Act • Explain the general safety rules in the workplace • Explain the use and application of Personal Protective Equipment in the workplace • Explain good housekeeping in the workplace • Explain and apply emergency procedures in the workplace • Demonstrate an awareness of strata conditions • Demonstrate an awareness of applicable I.S.O. standards • Demonstrate knowledge of fire and repellents; • Demonstrate the use of the various types of fire extinguishers • Demonstrate the use of fixed hose reels and ancillary extinguishing equipment 	<p>The following embedded knowledge is addressed in an integrated way in the unit standard:</p> <p>Knowledge relating to working on a surface mine:</p> <ul style="list-style-type: none"> • Relevant aspects of the Mine Health and Safety Act. • Emergency preparedness and response. • Aspects relating to strata control. • Relevant terminology. • Possible non-conformances, their consequences and mitigating actions. <p>Occupational Health, Safety and Environmental Issues:</p> <ul style="list-style-type: none"> • Significant hazards and risks related to working in a surface mine, their consequences and mitigating actions. • PPE requirements and the reason for each. <p>Applicable statutory and site-specific requirements:</p> <ul style="list-style-type: none"> • Relevant clauses from applicable acts and regulations relating to working in a surface mine. • Codes of practice and in-company Procedures. <p>Relevant ISO clauses.</p> <p>Use of mobile fire and rescue equipment</p>

Logbook supporting evidence requirements:

The information below must be submitted with the logbook as evidence of workplace training done.

* compulsory and ** additional supporting evidence.

- Mine Induction Records [Attendance registers, Induction report listing SOP's Covered, Authorisations] *
- Medical / Fitness Declaration *
- Completed and signed Fire Equipment Checklists*
- Completed and signed Risk Assessment*
- Clocking records**