

**MQA SURFACE SKILLS PROGRAM – MQA/SP/0177/19**

<b>SAQA US ID</b>	253025			<b>CORE</b>	
<b>Unit Standard Title</b>	Demonstrate knowledge and ability to work in a surface mine				
<b>NQF Level</b>	02	<b>SGB</b>	Mining and Minerals		
<b>Credits</b>	8	<b>Notional Hours</b>		80	
<b>Duration</b>	<b>Candidate</b>	<b>Knowledge</b>	<b>Practical</b>	<b>Workplace</b>	
	<b>Novice</b>	3 days	1 day	5 days / 40 hours	
	<b>RPL (Re-fresher)</b>	1 day	1 day	N/A	
	<b>Re-certification</b>	N/A	N/A	N/A	
<b>Ratio of candidates to assessor</b>	20:1		20:1	N/A	

**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

<p style="text-align: center;"><b><u>PURPOSE OF THE COURSE</u></b></p> <p>This Unit Standard will be useful to people who are required to demonstrate knowledge and ability to work in a surface mine.</p>	<p style="text-align: center;"><b><u>PRE-REQUISITES</u></b></p> <ul style="list-style-type: none"> <li>• Communication at NQF Level 1.</li> <li>• Mathematical Literacy NQF Level 1.</li> <li>• Certified copy of ID</li> <li>• Copy of learners Medical Certificate</li> </ul>
<p style="text-align: center;"><b><u>SPECIFIC OUTCOMES OF THE COURSE</u></b></p> <ul style="list-style-type: none"> <li>• Explain the requirements of the relevant aspects of the Mine Health and Safety Act</li> <li>• Demonstrate understanding of emergency procedures</li> <li>• Demonstrate an awareness of strata conditions</li> <li>• Demonstrate an awareness of applicable I.S.O. standards</li> </ul>	<p style="text-align: center;"><b><u>ESSENTIAL EMBEDDED KNOWLEDGE</u></b></p> <p>The following embedded knowledge is addressed in an integrated way in the unit standard:</p> <p><b>Knowledge relating to working on a surface mine:</b></p> <ul style="list-style-type: none"> <li>• Relevant aspects of the Mine Health and Safety Act.</li> <li>• Emergency preparedness and response.</li> <li>• Aspects relating to strata control.</li> <li>• Relevant terminology.</li> <li>• Possible non-conformances, their consequences and mitigating actions.</li> </ul> <p><b>Occupational Health, Safety and Environmental Issues:</b></p> <ul style="list-style-type: none"> <li>• Significant hazards and risks related to working in a surface mine, their consequences and mitigating actions.</li> <li>• PPE requirements and the reason for each.</li> </ul> <p><b>Applicable statutory and site-specific requirements:</b></p> <ul style="list-style-type: none"> <li>• Relevant clauses from applicable acts and regulations relating to working in a surface mine.</li> <li>• Codes of practice and in-company Procedures.</li> <li>• Relevant ISO clauses.</li> </ul>

**RPL Evidence Requirements Prior to Enrolment**

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

**Logbook supporting evidence requirements:**

- \* **compulsory and \*\* additional supporting evidence.**
  - Completed and signed Checklists \*
  - Completed and signed Risk Assessment \*
  - Clocking records and equipment tag records.
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