

## MQA UNDERGROUND SKILLS PROGRAM – MQA/SP/0173/17

<b>SAQA US ID</b>	<b>244397</b>	<b>ELECTIVE UNIT STANDARD</b>		
<b>Unit Standard Title</b>	Take charge of and operate a remote-controlled vehicle underground			
<b>NQF Level</b>	03	<b>SGB</b>	Mining and Minerals	
<b>Credits</b>	4	<b>Notional Hours</b>		40
<b>Duration</b>	<b>Candidate</b>	<b>Knowledge</b>	<b>Practical</b>	<b>Workplace</b>
	<b>Novice</b>	2 days	1 day	N/A
	<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 Elective with a minimum of 7 Credits from the 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 have the responsibility to take charge of and operate a remote-controlled vehicle in an underground mine</p>	<p style="text-align: center;"><b><u>PRE-REQUISITES</u></b></p> <ul style="list-style-type: none"> <li>• Literacy and numeracy at NQF Level 2.</li> <li>• Knowledge of basic occupational health and safety principles in and around the workplace.</li> <li>• Knowledge of legal requirements pertaining to the preparation for maintenance.</li> <li>• <b>Take charge of and drive a Trackless Mobile Machine in an underground mine Certificate</b></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 specified requirements pertaining to taking charge of and operating a remote-controlled vehicle underground.</li> <li>• Prepare to take charge of a remote-controlled vehicle underground.</li> <li>• Take charge of and operate a remote-controlled vehicle underground.</li> <li>• Perform end of shift duties</li> </ul>	<ul style="list-style-type: none"> <li>• Specified communication requirements.</li> </ul> <p><b>Processes and events:</b></p> <ul style="list-style-type: none"> <li>• Lockout systems.</li> <li>• Factors affecting the performance of operation.</li> </ul> <p><b>Causes and effects (Safety and Health):</b></p> <ul style="list-style-type: none"> <li>• Use of personal protective equipment.</li> <li>• Use of tools and equipment.</li> <li>• Condition of safety devices.</li> <li>• Workplace hazards and associated risks.</li> <li>• Effective communication.</li> </ul> <p><b>Procedures and techniques:</b></p> <ul style="list-style-type: none"> <li>• Methods of collecting and analysing, organising, summarising and presenting data.</li> <li>• Fault finding and correction technique.</li> <li>• Quality related procedures.</li> <li>• Operating procedure.</li> </ul> <p><b>Regulations, legislation, agreements, policies and standards:</b></p> <ul style="list-style-type: none"> <li>• Safety, health and environmental legislation and regulations.</li> <li>• Quality policies, standards and agreements.</li> </ul>
<p style="text-align: center;"><b><u>ESSENTIAL EMBEDDED KNOWLEDGE</u></b></p> <p>The following items reflect the type of knowledge that the assessor will evaluate:</p> <p><b>Critical factors and functions relating to the operation:</b></p> <ul style="list-style-type: none"> <li>• Safety, health and risk management requirements.</li> <li>• Achieving specified production requirements.</li> <li>• Emergency procedures.</li> <li>• Security requirements.</li> </ul>	

**RPL Evidence Requirements Prior to Enrolment**

- Mine Induction Records
- Mine Authorisations / Licences
- Medical Certificate
- Curriculum Vitae
- Testimonial