

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

SAQA US ID	244374	<b>ELECTIVE UNIT STANDARD</b>		
Unit Standard Title	Shunt and tow material cars by means of a diesel powered tractor			
NQF Level	02	SGB	Mining and Minerals	
Credits	3	Notional Hours		30
Duration	Candidate	Knowledge	Practical	Workplace
	Novice	1 day	2 days	1 day / 8 hours
	RPL (Re-fresher)	1 day	1 day	N/A
	Re-certification	½ day	½ day	N/A
Ratio of candidates to assessor		4:1	4:1	1:1

**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
- The Certificate will be issued after submission of the logbook

<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 to shunt and tow material cars by means of a diesel-powered tractor</p>	<p style="text-align: center;"><b><u>PRE-REQUISITES</u></b></p> <ul style="list-style-type: none"> <li>• Follow basic occupational health and safety practices underground at NQF Level 1</li> <li>• Take charge of and drive an articulating vehicle in an underground mine at 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 shunting and towing of material cars by means of a diesel-powered tractor.</li> <li>• Prepare to shunt and tow material cars by means of a diesel-powered tractor.</li> <li>• Shunt and tow material cars by means of a diesel-powered tractor.</li> <li>• Perform post-shunting and towing activities</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>Causes and effects, implications of:</b></p> <ul style="list-style-type: none"> <li>• Hazards and risks not dealt with.</li> <li>• Sub-standard work practices.</li> <li>• Sub-standard use of tools and equipment.</li> </ul> <p><b>Procedures and techniques:</b></p> <ul style="list-style-type: none"> <li>• Shunting and towing process.</li> </ul> <p><b>Regulations, legislation, agreements, policies, standards:</b></p> <ul style="list-style-type: none"> <li>• Safety, occupational health and environmental legislation and regulations.</li> <li>• Quality policies, standards and agreements.</li> </ul> <p><b>Relationships, systems:</b></p> <ul style="list-style-type: none"> <li>• Interpersonal interaction with team members</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. \*\*