

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

SAQA US ID	244373	ELECTIVE UNIT STANDARD		
Unit Standard Title	Suppress dust in an underground mine using a water-bowser			
NQF Level	02	SGB	Mining and Minerals	
Credits	2	Notional Hours		20
Duration	Candidate	Knowledge	Practical	Workplace
	Novice	1 day	1 day	1 days / 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 align="center"><u>PURPOSE OF THE COURSE</u></p> <p>This unit standard will be useful to people who have responsibility to suppress dust in an underground workplace by means of a water-bowser</p>	<p align="center"><u>PRE-REQUISITES</u></p> <ul style="list-style-type: none"> • Follow basic occupational health and safety practices underground at NQF Level 1. • Take charge of and drive an articulating vehicle in an underground mine at NQF Level 2 • Certified Copy of ID • Copy of learners Medical Certificate
<p align="center"><u>SPECIFIC OUTCOMES OF THE COURSE</u></p> <ul style="list-style-type: none"> • Explain the suppression of dust by means of a water bowser. • Prepare to suppress dust in an underground workplace by means of a water-bowser. • Suppress dust in an underground workplace by means of a water-bowser. • Perform post-suppression activities 	<p align="center"><u>ESSENTIAL EMBEDDED KNOWLEDGE</u></p> <p>The following embedded knowledge is addressed in an integrated way in the unit standard:</p> <p>Causes and effects, implications of:</p> <ul style="list-style-type: none"> • Hazards and risks not dealt with. • Sub-standard work practices. • Sub-standard use of tools and equipment. <p>Procedures and techniques:</p> <ul style="list-style-type: none"> • Suppression techniques. <p>Regulations, legislation, agreements, policies, standards:</p> <ul style="list-style-type: none"> • Safety, occupational health and environmental legislation and regulations. • Quality policies, standards and agreements. <p>Relationships, systems:</p> <ul style="list-style-type: none"> • Interpersonal interaction with team members

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. **

