## TITLE: MQA - SUPPRESS DUST IN AN UNDERGROUND MINE USING A WATER-BOWSER

**Document Owner: Operations Manager** 



# 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 Minin			g and Minerals				
Credits	2 Notiona			l Hours	20			
Duration	Candidate	Kn	owledge		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	o 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

PURPOSE OF THE COURSE  This unit standard will be useful to people who have responsibility to suppress dust in an underground workplace by means of a water-bowser	<ul> <li>PRE-REQUISITES</li> <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 2</li> <li>Certified Copy of ID</li> <li>Copy of learners Medical Certificate</li> </ul>
SPECIFIC OUTCOMES OF THE COURSE	ESSENTIAL EMBEDDED KNOWLEDGE
<ul> <li>Explain the suppression of dust by means of a water bowser.</li> <li>Prepare to suppress dust in an underground workplace by means of a water-bowser.</li> <li>Suppress dust in an underground workplace by means of a water-bowser.</li> <li>Perform post-suppression activities</li> </ul>	The following embedded knowledge is addressed in an integrated way in the unit standard:  Causes and effects, implications of:  Hazards and risks not dealt with.  Sub-standard work practices.  Sub-standard use of tools and equipment.  Procedures and techniques:  Suppression techniques.  Regulations, legislation, agreements, policies, standards:  Safety, occupational health and environmental legislation and regulations.  Quality policies, standards and agreements.  Relationships, systems:  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. \*\*

Revision: 01	Implementation Date : 15/02/2020				
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