

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

SAQA US ID	244429	ELECTIVE UNIT STANDARD		
Unit Standard Title	Demonstrate knowledge and understanding of blasting products and their usage in an underground hard rock environment			
NQF Level	02	SGB	Mining and Minerals	
Credits	2	Notional Hours		20
Duration	Candidate	Knowledge	Practical	Workplace
	Novice	1 day	1 day	N/A
	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

<u>PURPOSE OF THE COURSE</u>	<u>PRE-REQUISITES</u>
<p>This unit standard will be useful for persons who intend following a career in the mining and minerals sectors, particularly in the domain of underground hardrock</p>	<ul style="list-style-type: none"> • Understanding of basic mining terminology at NQF Level 1. • Certified Copy of ID • Copy of learners Medical Certificate
<u>SPECIFIC OUTCOMES OF THE COURSE</u>	<u>ESSENTIAL EMBEDDED KNOWLEDGE</u>
<ul style="list-style-type: none"> • Explain the characteristics of explosives and initiation systems. • Explain the safe handling and characteristics of blasting products and systems. • Explain the application of blasting products and systems 	<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. <p>Procedures and techniques:</p> <ul style="list-style-type: none"> • Characteristics of explosives. • Safe handling techniques

RPL Evidence Requirements Prior to Enrolment

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