

MQA SURFACE SKILLS PROGRAM – MQA/SP/0177/19

SAQA US ID	116632			SPECIALISATION ELECTIVE	
Unit Standard Title	Drill holes for blasting and/or splitting dimension stone blocks using a mechanised drill rig				
NQF Level	02	SGB	Mining and Minerals		
Credits	6	Notional Hours		60	
Duration	Candidate	Knowledge	Practical	Workplace	
	Novice	2 days	2 days	2 days / 16 hours	
	RPL (Re-fresher)	1-2 days	1-2 days	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 Specialisation Elective
- At least 1 General Elective Unit Standard
- Additional 1 Day is required to conduct the Summative Practical Assessment after workplace exposure (logbook).

<p style="text-align: center;"><u>PURPOSE OF THE COURSE</u></p> <p>This unit standard is intended to promote general skills, knowledge and understanding of drilling holes for blasting and/or splitting dimension stone blocks using a mechanised drill rig in the mining and minerals sector in order to ensure knowledgeable and informed workers</p>	<p style="text-align: center;"><u>PRE-REQUISITES</u></p> <ul style="list-style-type: none"> • Communication and Mathematical Literacy at NQF Level 1 • Certified copy of ID • Copy of learners Medical Certificate
<p style="text-align: center;"><u>SPECIFIC OUTCOMES OF THE COURSE</u></p> <ul style="list-style-type: none"> • Demonstrate a basic understanding of drilling holes for blasting and/or splitting dimension stone blocks by means of a mechanised drill rig • Prepare to drill holes • Drill holes • Finalise drilling operations 	<p style="text-align: center;"><u>ESSENTIAL EMBEDDED KNOWLEDGE</u></p> <p>The following embedded knowledge is addressed in an integrated way in the unit standard:</p> <ul style="list-style-type: none"> • Basic principle of operation and names of components of drill rig, accessories and consumables • Relevant drilling practice • Relevant Occupational risks and hazards and their mitigating actions • Relevant environmental issues and mitigating actions • Typical non-conformances and their mitigating actions. • Liaison with associated operations and personnel

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. **