

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

SAQA US ID	244477			ELECTIVE UNIT STANDARD	
Unit Standard Title	Drill holes by means of an electro hydraulic drill rig in an underground workplace				
NQF Level	03	SGB	Mining and Minerals		
Credits	8	Notional Hours		80	
Duration	Candidate	Knowledge	Practical	Workplace	
	Novice	2 days	3 days	4 days / 32 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
- Additional 1 Day is required to conduct the Summative Practical Assessment after workplace exposure (logbook).

<u>PURPOSE OF THE COURSE</u>	<u>PRE-REQUISITES</u>
This unit standard will be useful to people who have responsibility to drill holes using an electro-hydraulic drill rig in an underground workplace	<ul style="list-style-type: none"> • Follow basic health and safety practices underground 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 specified requirements pertaining to the drilling of holes using an electro-hydraulic drill rig. • Prepare to drill holes. • Drill holes. • Perform post-drilling activities 	<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"> • Material removal 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. **