

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

SAQA US ID	257026		SPECIALISATION ELECTIVE	
Unit Standard Title	Drill blast holes in a surface mining operation			
NQF Level	03	SGB	Mining and Minerals	
Credits	15	Notional Hours		150
Duration	Candidate	Knowledge	Practical	Workplace
	Novice	3 days	6 days	10 days/ 80 hrs
	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 align="center"><u>PURPOSE OF THE COURSE</u></p> <p>This unit standard will be useful to people who are responsible for drilling blast holes in a surface mining operation</p>	<p align="center"><u>PRE-REQUISITES</u></p> <ul style="list-style-type: none"> • Communication and Mathematical Literacy 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"> • Demonstrate an understanding regarding drilling blast holes in a surface mining operation. • Prepare to drill blast holes. • Drill blast holes. • Complete the duties pertaining to the drilling of blast holes 	<ul style="list-style-type: none"> • Environmental conditions e.g. dust, excessive water, visibility. • Power lines. • Moving machinery. <p>Risks associated with work related hazards:</p> <ul style="list-style-type: none"> • Working in proximity of moving machinery. • Pedestrians and other workers. • Working in proximity of cables. • Hydraulic pressure. • Roadway conditions. • Access control. • Manipulation of controls. • Lock out procedure. <p>Basic principles of using drill rig:</p> <ul style="list-style-type: none"> • Monitoring of instruments, gauges and safety systems. • Manipulation of controls. <p>Processes and events:</p> <ul style="list-style-type: none"> • Workplace examination
<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>Risks associated with workplace hazards:</p> <ul style="list-style-type: none"> • Overhang. • Large rocks. • Bench edges. 	

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. **