

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

SAQA US ID	244377	ELECTIVE UNIT STANDARD		
Unit Standard Title	Doze material using a track dozer in an underground mine			
NQF Level	02	SGB	Mining and Minerals	
Credits	6	Notional Hours		60
Duration	Candidate	Knowledge	Practical	Workplace
	Novice	2 days	3 days	3 days / 20 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).

<p align="center"><u>PURPOSE OF THE COURSE</u></p> <p>This unit standard will be useful to people who have to doze material using a track dozer within an underground workplace</p>	<p align="center"><u>PRE-REQUISITES</u></p> <ul style="list-style-type: none"> • Follow basic occupational health and safety practices underground at NQF Level 1. • Take charge of and drive a non-articulating vehicle in an underground mine at NQF Level 1. • 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"> • Explain the dozing of material using a track dozer in an underground mine. • Prepare to doze material using a track dozer. • Doze material using a track dozer. • Perform post-dozing activities 	<ul style="list-style-type: none"> • Manipulation of controls. • Travelling/inclinations. <p>Basic principles of controlling a track dozer:</p> <ul style="list-style-type: none"> • Monitoring of instruments, gauges and safety systems. • Brake testing. • Manipulation of controls. <p>Processes and events:</p> <ul style="list-style-type: none"> • Workplace examination. • Pre-use inspection of the dozer. • Take charge and doze material paying attention to the manipulation of the controls, inclinations, roadway conditions, pedestrians and prevention of injuries and property damage. <p>Occupational safety, occupational health and environment:</p> <ul style="list-style-type: none"> • Hazards and risks encountered. • Safety systems and occupational health protection. • Personal protective equipment. • Environmental protection and pollution controls. • Emergency procedures. <p>Applicable statutory requirements:</p> <ul style="list-style-type: none"> • Applicable Acts and Regulations. • Codes of Practice. • Operator competency requirements. <p>Communication requirements:</p> <ul style="list-style-type: none"> • Reporting. • Liaison with associated operators. • Interpreting and implementing instructions
<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 relating to:</p> <ul style="list-style-type: none"> • Support conditions. • Ground conditions. • Roadway conditions. • Environmental conditions e.g. heat, gases, dust, excessive water, visibility and ventilation flow. • Inclinations. • Open excavations. <p>Risks associated with work related hazards relating to:</p> <ul style="list-style-type: none"> • Working in proximity of moving machinery. • Pedestrians and other workers. • Working in proximity of cables and pipes. • Hydraulic pressure. • Roadway conditions. • Access control. • Overloading • Lock out procedure. 	

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. **