

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

SAQA US ID	257017			SPECIALISATION ELECTIVE	
Unit Standard Title	Transport and distribute explosives using a heavy-duty explosives vehicle				
NQF Level	02	SGB	Mining and Minerals		
Credits	2	Notional Hours		20	
Duration	Candidate	Knowledge	Practical	Workplace	
	Novice	½ day	1½ days	1 days / 4 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
- Certificate will be issued after logbook has been submitted

<u>PURPOSE OF THE COURSE</u>	<u>PRE-REQUISITES</u>
This unit standard will be useful to people who are responsible for transporting and distribution of explosives	<ul style="list-style-type: none"> • Communication at NQF Level 1. • Mathematical Literacy NQF Level 1. • Certified copy of ID • Copy of learner's Medical fitness Certificate • Valid relevant driver's licence with PrDP • Relevant Mine authorisation to drive • Handling • 123259 – Convey dangerous Goods by Road • Relevant training pertaining receiving, handling, storing and issuing explosives and accessories at a workplace
<u>SPECIFIC OUTCOMES OF THE COURSE</u>	Basic principles of driving explosives vehicle:
<ul style="list-style-type: none"> • Demonstrate an understanding regarding transporting and distribution of explosives using a heavy-duty explosives vehicle. • Prepare to transport and distribute explosives. • Transport and distribute explosives. • Complete the duties pertaining to the transportation and distribution of explosives operation 	<ul style="list-style-type: none"> • Monitoring of instruments, gauges and safety systems. • Licence requirements • Permits requirements Processes and events: <ul style="list-style-type: none"> • Workplace examination. • Pre-use inspection of Tractor Loader Backhoe. • Preparation.

ESSENTIAL EMBEDDED KNOWLEDGE

The following embedded knowledge is addressed in an integrated way in the unit standard:

Risks associated with workplace hazards:

- Overhang.
- Large rocks.
- Bench edges.
- Environmental conditions e.g. dust, excessive water, visibility.
- Power lines.
- Moving machinery.

Risks associated with work related hazards:

- Working in proximity of moving machinery.
- Pedestrians and other workers.
- Working in proximity of cables.
- Roadway conditions.
- Access control.
- Lock out procedure.

- Take charge and operate paying attention to the manipulation of the controls, roadway conditions, pedestrians and prevention of injuries and property damage.

Occupational safety, health and environment:

- Hazards and risks encountered.
- Safety systems and health protection.
- Personal protective equipment.
- Environmental protection and pollution controls.
- Emergency procedures

Applicable statutory requirements:

- Applicable Acts and Regulations.
- Codes of Practice.
- Operator competency requirements.

Communication requirements:

- Reporting.
- Liaison with associated operators.
- Interpreting and implementing instructions

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. **