
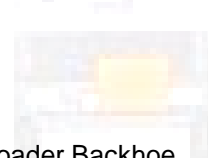


**MQA SURFACE SKILLS PROGRAM – MQA/SP/0177/19**

<b>SAQA US ID</b>	257015			<b>SPECIALISATION ELECTIVE</b>	
<b>Unit Standard Title</b>	Transport and distribute explosives by means of a light duty explosives vehicle				
<b>NQF Level</b>	02	<b>SGB</b>	Mining and Minerals		
<b>Credits</b>	4	<b>Notional Hours</b>		40	
<b>Duration</b>	<b>Candidate</b>	<b>Knowledge</b>	<b>Practical</b>	<b>Workplace</b>	
	<b>Novice</b>	1 day	2 days	2 days / 16 Hours	
	<b>RPL (Re-fresher)</b>	1-2 days	1-2 days	N/A	
	<b>Re-certification</b>	½ day	½ day	N/A	
<b>Ratio of candidates to assessor</b>	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 submission of Logbook

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

**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. \*\*