

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

SAQA US ID	257018		SPECIALISATION ELECTIVE	
Unit Standard Title	Relocate machines and equipment using a lowbed			
NQF Level	02	SGB	Mining and Minerals	
Credits	10	Notional Hours		100
Duration	Candidate	Knowledge	Practical	Workplace
	Novice	2 days	3 days	6 days / 52 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
- 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 are responsible for relocating machines with a lowbed	<ul style="list-style-type: none"> • Communication at NQF Level 1. • Mathematical Literacy NQF Level 1. • Certified copy of ID • Copy of learners Medical Certificate • 10977 - Convey abnormal freight
<u>SPECIFIC OUTCOMES OF THE COURSE</u>	Basic principles of using a tractor loader backhoe:
<ul style="list-style-type: none"> • Demonstrate an understanding regarding machines with a lowbed. • Prepare to relocate machines. • Relocate machines. • Complete the duties pertaining relocating machines 	<ul style="list-style-type: none"> • Monitoring of instruments, gauges and safety systems. • Manipulation of controls.
<u>ESSENTIAL EMBEDDED KNOWLEDGE</u>	Processes and events:
The following embedded knowledge is addressed in an integrated way in the unit standard:	<ul style="list-style-type: none"> • Workplace examination. • Pre-use inspection of Tractor Loader Backhoe. • Preparation. • Take charge and operate paying attention to the manipulation of the controls, roadway conditions, pedestrians and prevention of injuries and property damage.
Risks associated with workplace hazards:	Occupational safety, health and environment:
<ul style="list-style-type: none"> • Overhang. • Large rocks. • Bench edges. • Environmental conditions e.g. dust, excessive water, visibility. • Power lines. • Moving machinery. 	<ul style="list-style-type: none"> • Hazards and risks encountered. • Safety systems and health protection. • Personal protective equipment. • Environmental protection and pollution controls. • Emergency procedures
Risks associated with work related hazards:	Applicable statutory requirements:
<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. 	<ul style="list-style-type: none"> • Applicable Acts and Regulations. • Codes of Practice. • Operator competency requirements.
	Communication requirements:
	<ul style="list-style-type: none"> • 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. **