

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

SAQA US ID	257031		SPECIALISATION ELECTIVE	
Unit Standard Title	Load, Haul and Dump material using a front-end loader			
NQF Level	02	SGB	Mining and Minerals	
Credits	16	Notional Hours		160
Duration	Candidate	Knowledge	Practical	Workplace
	Novice	3 days	6 days	11 days/ 88 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).

<u>PURPOSE OF THE COURSE</u>	<u>PRE-REQUISITES</u>
This unit standard will be useful to people who are responsible to load, haul and dump materials by means of a front-end loader	<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
<u>SPECIFIC OUTCOMES OF THE COURSE</u>	
<ul style="list-style-type: none"> • Demonstrate an understanding regarding loading and offload material using a front-end loader. • Prepare to load, haul and dump material using a front-end loader. • Load, haul and dump material using a front-end loader. • Complete the duties pertaining to the loading, hauling and dumping operation 	<ul style="list-style-type: none"> • Access Control • Manipulation of controls. • Lock out procedure. <p>Basic principles using a loader:</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. • Pre-use inspection of loader. • Preparation. • Take charge and operate paying attention to the manipulation of the controls, roadway conditions, pedestrians and prevention of injuries and property damage. <p>Occupational safety, health and environment:</p> <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 <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
<u>ESSENTIAL EMBEDDED KNOWLEDGE</u>	
The following embedded knowledge is addressed in an integrated way in the unit standard:	
<p>Risks associated with workplace hazards:</p> <ul style="list-style-type: none"> • Ground Conditions. • Roadways. • Plant and Machinery. • Other mobile equipment. • Building and structures. • Wet and slippery conditions • Water. <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 	



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. **