

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

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|---------------------------------|------------------------------------|----------------|--------------------------------|-----------------|
| SAQA US ID | 256996 | | SPECIALISATION ELECTIVE | |
| Unit Standard Title | Relocate material using a dragline | | | |
| NQF Level | 03 | SGB | Mining and Minerals | |
| Credits | 26 | Notional Hours | | 260 |
| Duration | Candidate | Knowledge | Practical | Workplace |
| | Novice | 5 days | 19 days | 8 days / 64 hrs |
| | RPL (Re-fresher) | 2 days | 2 - 5 days | N/A |
| | Re-certification | 1 day | 1 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).

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| <u>PURPOSE OF THE COURSE</u> | <u>PRE-REQUISITES</u> |
| This unit standard will be useful to people who are responsible for relocate material using a dragline | <ul style="list-style-type: none"> • Communication at NQF Level 2. • Mathematical Literacy NQF Level 2. • Certified copy of ID • Copy of learners Medical Certificate |
| <u>SPECIFIC OUTCOMES OF THE COURSE</u> | <ul style="list-style-type: none"> • Lock out procedure. <p>Basic principles using a dragline:</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 dragline. • 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"> • Overhang. • Large rocks. • Bench edges. • Environmental conditions e.g. dust, excessive water, visibility. • Power lines. • Moving machinery. <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. • Access control. • Manipulation of controls | |



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. **