

Underground Skills Program

Competent A: Examination & declaring safe a workplace in Underground Hard Rock Operations

Introduction: This Skills Programme is in Step 5 of the National Certificate: Mining Operations Underground Hard Rock (58739) NQF Level 2 (See Process Chart) and is also an exit level outcome in its own right. People credited with this skills programme are able to examine and declare a working place safe in accordance with the Fall of Ground Regulations.

Descriptions: Persons must achieve competency in all core unit standards and at least one site-specific unit standard from the unit standards elective to temporary support in order to obtain the skills programme. In terms of the Mines Health and Safety Act and Regulations (Act 29 of 1996) and for purposes of Regulation 14.1 (1) and 14.1 (5), competent person means a person who:

(1) Has been assessed and found competent to examine and declare a workplace safe

(5) Must ensure, if at any time a working place or part thereof becomes unsafe during a shift, that all persons, other than those examining and making safe, are removed from such unsafe area and are not permitted to return thereto until declared safe by a competent person.

SAQA Qualification ID: MQA/SP/0063/07

Target group: New employees and or existing employees.	Certification: Core: 244453; 244400; 244405; 244368; 244445; 244416; 244433; 244422	Duration: 20 Days Days can be reduced depending on RPL
Entry Level Requirements: <ul style="list-style-type: none">▪ Minimum Literacy and Numeracy ABET 4 or NQF 1 or RPL, Grade 9	Elective: 244450 (Could be RPL'd ±2 days per unit standard) If competent a competence certificate will be issued by MQA	

Core:

244453 - [Demonstrate an understanding of the identification of and dealing with rock strata conditions](#)

Core:

244400 - [Describe the basic environmental factors of ventilating an underground working place to ensure a safe and healthy working environment](#)

Core:

244405 - [Determine environment thermal conditions in an underground workplace by means of a whirling hygrometer and take appropriate action](#)

Core:

244368 - [Determine velocity of air in a workplace by means of the tape method and take appropriate action](#)

Core:

244445 - [Follow basic health and safety practices underground](#)

Core:

244416 - [Make safe a workplace by means of barring](#)

Core:

244433 - [Test for flammable gas in a mining environment by means of a hand held electronic instrument and take appropriate action](#)

Core:

244422 - [Demonstrate knowledge of the most common harmful gases and vapours](#)

Elective:

244450 - [Support an underground working place by means of anchors placed into drilled holes](#)

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