
GOVERNMENT NOTICES

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

No. 918

5 September 2008



SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)

In accordance with Regulation 24(c) of the National Standards Bodies Regulations of 28 March 1998, the Standards Generating Body (SGB) for

Generic Manufacturing, Engineering and Technology

registered by Organising Field 06 – Manufacturing, Engineering and Technology, publishes the following Unit Standards for public comment.

This notice contains the title, field, sub-field, NQF level, credit, and purpose of the Unit Standards. The full Unit Standards can be accessed via the SAQA web-site at www.saqa.org.za. Copies may also be obtained from the Directorate of Standards Setting and Development at the SAQA offices, SAQA House, 1067 Arcadia Street, Hatfield, Pretoria.

Comment on the Unit Standards should reach SAQA at the address below and **no later than 5 October 2008**. All correspondence should be marked **Standards Setting – SGB for Generic Manufacturing, Engineering and Technology** and addressed to

<p>The Director: Standards Setting and Development SAQA <i>Attention: Mr. D. Mphuthing</i> Postnet Suite 248 Private Bag X06 Waterkloof 0145 or faxed to 012 – 431-5144 e-mail: dmphuthing@saqa.org.za</p>
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DR. S. BHIKHA
DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Operate and monitor a milling machine***

SAQA US ID	UNIT STANDARD TITLE		
258678	Operate and monitor a milling machine		
ORIGINATOR	PROVIDER		
SGB Generic Manufacturing, Engineering & Technology			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	12

This unit standard replaces:

US ID	Unit Standard Title	NQF Level	Credits	Replacement Status
13204	Operate and monitor a milling machine to produce simple components	Level 2	12	Will occur as soon as 258678 is registered

SPECIFIC OUTCOME 1

Explain and discuss milling machine components and operations.

SPECIFIC OUTCOME 2

Plan and prepare for milling operation.

SPECIFIC OUTCOME 3

Perform and quality check milling operation.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:**Operate and monitor a lathe**

SAQA US ID	UNIT STANDARD TITLE		
258679	Operate and monitor a lathe		
ORIGINATOR		PROVIDER	
SGB Generic Manufacturing, Engineering & Technology			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	12

This unit standard replaces:

US ID	Unit Standard Title	NQF Level	Credits	Replacement Status
13205	Operate and monitor a lathe to produce simple components	Level 2	12	Will occur as soon as 258679 is registered

SPECIFIC OUTCOME 1

Demonstrate knowledge pertaining to turning operations.

SPECIFIC OUTCOME 2

Prepare for turning operations.

SPECIFIC OUTCOME 3

Perform turning operations.

SPECIFIC OUTCOME 4

Apply quality checks on turned component and report on operations.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:**Operate and monitor a drilling machine**

SAQA US ID	UNIT STANDARD TITLE		
258681	Operate and monitor a drilling machine		
ORIGINATOR	PROVIDER		
SGB Generic Manufacturing, Engineering & Technology			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	6

This unit standard replaces:

US ID	Unit Standard Title	NQF Level	Credits	Replacement Status
13214	Operate and monitor a drilling machine to produce simple components	Level 2	6	Will occur as soon as 258681 is registered

SPECIFIC OUTCOME 1

Demonstrate knowledge pertaining to drilling operations.

SPECIFIC OUTCOME 2

Prepare for drilling operations.

SPECIFIC OUTCOME 3

Perform drilling operations.

SPECIFIC OUTCOME 4

Apply quality checks on drilled component and report on operations.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:**Operate and monitor a surface grinding machine**

SAQA US ID	UNIT STANDARD TITLE		
258695	Operate and monitor a surface grinding machine		
ORIGINATOR	PROVIDER		
SGB Generic Manufacturing, Engineering & Technology			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8

This unit standard replaces:

US ID	Unit Standard Title	NQF Level	Credits	Replacement Status
13215	Operate and monitor a surface grinding machine to produce simple components	Level 2	8	Will occur as soon as 258695 is registered

SPECIFIC OUTCOME 1

Explain and discuss surface grinding machine, accessories and operations.

SPECIFIC OUTCOME 2

Plan and prepare for surface grinding operation.

SPECIFIC OUTCOME 3

Perform and quality check surface grinding operation.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None