

No. 14

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**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

Mining and Minerals

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

This notice contains the titles, fields, sub-fields, NQF levels, credits, and purpose of the Unit Standards. The full Unit Standards can be accessed via the SAQA web-site at www.saqg.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 8 February 2008***. All correspondence should be marked **Standards Setting – Mining and Minerals** and addressed to

The Director: Standards Setting and Development
SAQA

Attention: Mr. D. Mphuthing

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DR. S. BHIKHA

DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Perform a basic titration***

SAQA US ID	UNIT STANDARD TITLE		
254335	Perform a basic titration		
ORIGINATOR	PROVIDER		
SGB Mining and Minerals			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Fabrication and Extraction		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	2

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1

Prepare for the titration.

SPECIFIC OUTCOME 2

Perform the titration.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



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UNIT STANDARD:***Prepare samples for analysis by X-Ray Fluorescence (Aztec) Spectrometry***

SAQA US ID	UNIT STANDARD TITLE		
254337	Prepare samples for analysis by X-Ray Fluorescence (Aztec) Spectrometry		
ORIGINATOR	PROVIDER		
SGB Mining and Minerals			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Fabrication and Extraction		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	2

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1

Demonstrate knowledge relating to this process.

SPECIFIC OUTCOME 2

Prepare samples for quantitative X-Ray Fluorescence analysis.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Prepare briquettes for quantitative analysis by means of X-Ray Fluorescence Spectrometry

SAQA US ID	UNIT STANDARD TITLE		
254338	Prepare briquettes for quantitative analysis by means of X-Ray Fluorescence Spectrometry		
ORIGINATOR	PROVIDER		
SGB Mining and Minerals			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Fabrication and Extraction		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	4

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1

Demonstrate knowledge relating to the preparation of briquettes.

SPECIFIC OUTCOME 2

Prepare briquettes for quantitative X-ray Fluorescence analysis.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None