
CONTENTS · INHOUD

No.

Page
No. Gazette
 No.

GOVERNMENT NOTICES

South African Qualifications Authority

Government Notices

992	National Standards Bodies Regulations: Standards Generating Body (SGB) for Manufacturing, Engineering and Assembly Processes.....	3	32651
993	do.: Standards Generating Body (SGB) for Engineering.....	6	32651

GOVERNMENT NOTICES

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

No. 992

23 October 2009

**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

Manufacturing, Engineering and Assembly Processes

registered by Organising Field 06 – Electronic Manufacturing, 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.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 23 November 2009. All correspondence should be marked **Standards Setting – SGB for Manufacturing Engineering and Assembly Processes** and addressed to

The Director: Standards Setting and Development
SAQA

Attention: Mr. E. Brown

Postnet Suite 248

Private Bag X06

Waterkloof

0145

or faxed to 012 – 431-5144

e-mail: ebrown@saqa.org.za



D. MPHUTHING

ACTING DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:**Conduct sound measurement**

SAQA US ID	UNIT STANDARD TITLE		
337139	Conduct sound measurement		
ORIGINATOR		PROVIDER	
SGB Manufacturing and Assembly Processes			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	10

New NQF Level: NQF Level 04

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

SPECIFIC OUTCOME 1

Demonstrate an understanding of the principles of sound level measurement equipment.

SPECIFIC OUTCOME 2

Prepare to conduct sound measurement.

SPECIFIC OUTCOME 3

Conduct the sound measurement.

SPECIFIC OUTCOME 4

Analyse and interpret sound measurements.

SPECIFIC OUTCOME 5

Report sound measurement results.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Adjust and maintain the production/assembly process***

SAQA US ID	UNIT STANDARD TITLE		
337140	Adjust and maintain the production/assembly process		
ORIGINATOR		PROVIDER	
SGB Manufacturing and Assembly Processes			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 3	7

New NQF Level: NQF Level 03

This unit standard replaces:

US ID	Unit Standard Title	NQF Level	Credits	Replacement Status
9922	Adjust and maintain production process	Level 3	30	Will occur as soon as 337140 is registered

SPECIFIC OUTCOME 1

Prepare for production/assembly activity.

SPECIFIC OUTCOME 2

Monitor and adjust the production/assembly process.

SPECIFIC OUTCOME 3

Perform finishing activities on product produced.

SPECIFIC OUTCOME 4

Observe and rectify changes and/or malfunctions while operating.

SPECIFIC OUTCOME 5

Document all occurrences on a shift.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



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

Engineering

registered by Organising Field 06 – Engineering, 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.saqqa.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 23 November 2009. All correspondence should be marked **Standards Setting – SGB for Engineering** and addressed to

The Director: Standards Setting and Development
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Private Bag X06
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e-mail: ebrown@saqa.org.za



D. MPHUTHING
ACTING DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:**Wire switchgear assemblies**

SAQA US ID	UNIT STANDARD TITLE		
337099	Wire switchgear assemblies		
ORIGINATOR	PROVIDER		
SGB Engineering			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Engineering and Related Design		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 3	4

New NQF Level: NQF Level 03

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

SPECIFIC OUTCOME 1

Select cables, wires, and associated hardware for electric switchgear assemblies.

SPECIFIC OUTCOME 2

Install cables, wires and associated hardware in electric switchgear assemblies.

SPECIFIC OUTCOME 3

Terminate cables and wires in electric switchgear assemblies.

SPECIFIC OUTCOME 4

Rectify switchgear assembly design for non-conformities.

SPECIFIC OUTCOME 5

Verify installation of switchgear assembly cabling and wiring.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Use and maintain specialised tools and fixings for switchgear assembly manufacture***

SAQA US ID	UNIT STANDARD TITLE		
337102	Use and maintain specialised tools and fixings for switchgear assembly manufacture		
ORIGINATOR		PROVIDER	
SGB Engineering			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Engineering and Related Design	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 3	4

New NQF Level: NQF Level 03

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

SPECIFIC OUTCOME 1

Maintain tools in switchgear assembly manufacture.

SPECIFIC OUTCOME 2

Utilise tools accurately in switchgear assembly manufacture environment.

SPECIFIC OUTCOME 3

Select and use fixings in switchgear assembly manufacture.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None

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