

# Government Gazette Staatskoerant

REPUBLIC OF SOUTH AFRICA  
REPUBLIEK VAN SUID-AFRIKA

Vol. 532

Pretoria, 23 October 2009  
Oktober

No. 32651

---

**CONTENTS · INHOUD**

<i>No.</i>		<i>Page No.</i>	<i>Gazette No.</i>
<b>GOVERNMENT NOTICES</b>			
<b>South African Qualifications Authority</b>			
<i>Government Notices</i>			
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.sqa.org.za](http://www.sqa.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](mailto:ebrown@saqa.org.za)



---

D. MPHUTHING

ACTING DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:****Conduct sound measurement**

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
337139	Conduct sound measurement		
<b>ORIGINATOR</b>		<b>PROVIDER</b>	
SGB Manufacturing and Assembly Processes			
<b>FIELD</b>	<b>SUBFIELD</b>		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
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***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
337140	Adjust and maintain the production/assembly process		
<b>ORIGINATOR</b>		<b>PROVIDER</b>	
SGB Manufacturing and Assembly Processes			
<b>FIELD</b>		<b>SUBFIELD</b>	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
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.saqa.org.za](http://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 Engineering** 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](mailto:ebrown@saqa.org.za)

D. MPHUTHING

ACTING DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:****Wire switchgear assemblies**

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
337099	Wire switchgear assemblies		
<b>ORIGINATOR</b>		<b>PROVIDER</b>	
SGB Engineering			
<b>FIELD</b>		<b>SUBFIELD</b>	
6 - Manufacturing, Engineering and Technology		Engineering and Related Design	
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
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***

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