

**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 – 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.saga.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 29 February 2008**. All correspondence should be marked **Standards Setting – Engineering** and addressed to

The Director: Standards Setting and Development
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DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Maintain passive fire protection systems***

SAQA US ID	UNIT STANDARD TITLE		
254394	Maintain passive fire protection systems		
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 5	3

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

SPECIFIC OUTCOME 1

Demonstrate knowledge of maintaining passive fire protection systems.

SPECIFIC OUTCOME 2

Test passive fire protection systems.

SPECIFIC OUTCOME 3

Repair passive fire protection systems.

SPECIFIC OUTCOME 4

Report maintenance procedures.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Maintain aerosol fire extinguishing systems***

SAQA US ID	UNIT STANDARD TITLE		
254397	Maintain aerosol fire extinguishing systems		
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 5	3

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

SPECIFIC OUTCOME 1

Demonstrate knowledge of maintaining aerosol fire extinguishing systems.

SPECIFIC OUTCOME 2

Test aerosol fire extinguishing equipment.

SPECIFIC OUTCOME 3

Repair aerosol fire extinguishing systems.

SPECIFIC OUTCOME 4

Report maintenance procedures.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Maintain water sprinkler systems***

SAQA US ID	UNIT STANDARD TITLE		
254395	Maintain water sprinkler systems		
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 5	3

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

SPECIFIC OUTCOME 1

Demonstrate knowledge of maintaining water sprinkler systems.

SPECIFIC OUTCOME 2

Test water sprinkler equipment.

SPECIFIC OUTCOME 3

Repair water sprinkler systems.

SPECIFIC OUTCOME 4

Report maintenance procedures.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Maintain powder fire extinguishing systems***

SAQA US ID	UNIT STANDARD TITLE		
254399	Maintain powder fire extinguishing systems		
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 5	3

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

SPECIFIC OUTCOME 1

Demonstrate knowledge of maintaining powder fire extinguishing systems.

SPECIFIC OUTCOME 2

Test powder fire extinguishing equipment.

SPECIFIC OUTCOME 3

Repair powder fire extinguishing systems.

SPECIFIC OUTCOME 4

Report maintenance procedures.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Maintain foam fire extinguishing systems***

SAQA US ID	UNIT STANDARD TITLE		
254415	Maintain foam fire extinguishing systems		
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 5	3

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

SPECIFIC OUTCOME 1

Demonstrate knowledge of maintaining foam fire extinguishing systems.

SPECIFIC OUTCOME 2

Test foam fire extinguishing equipment.

SPECIFIC OUTCOME 3

Repair foam fire extinguishing systems.

SPECIFIC OUTCOME 4

Report maintenance procedures.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Maintain electrical fixed gaseous fire extinguishing systems***

SAQA US ID	UNIT STANDARD TITLE		
254554	Maintain electrical fixed gaseous fire extinguishing systems		
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 5	3

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

SPECIFIC OUTCOME 1

Demonstrate knowledge of maintaining electrical fixed gaseous fire extinguishing systems.

SPECIFIC OUTCOME 2

Test electrical fixed gaseous fire extinguishing equipment.

SPECIFIC OUTCOME 3

Repair electrical fixed gaseous fire extinguishing systems.

SPECIFIC OUTCOME 4

Report maintenance procedures.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Maintain mechanical fixed gaseous fire extinguishing systems***

SAQA US ID	UNIT STANDARD TITLE		
254403	Maintain mechanical fixed gaseous fire extinguishing systems		
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 5	3

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

SPECIFIC OUTCOME 1

Demonstrate knowledge of maintaining mechanical fixed gaseous fire extinguishing systems.

SPECIFIC OUTCOME 2

Test mechanical fixed gaseous fire extinguishing equipment.

SPECIFIC OUTCOME 3

Repair mechanical fixed gaseous fire extinguishing systems.

SPECIFIC OUTCOME 4

Report maintenance procedures.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:**Maintain smoke control systems**

SAQA US ID	UNIT STANDARD TITLE		
254396	Maintain smoke control systems		
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 5	3

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

SPECIFIC OUTCOME 1

Demonstrate knowledge of maintaining smoke control systems.

SPECIFIC OUTCOME 2

Test smoke control systems.

SPECIFIC OUTCOME 3

Repair smoke control systems.

SPECIFIC OUTCOME 4

Report maintenance procedures.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Maintain fire alarm and detection systems***

SAQA US ID	UNIT STANDARD TITLE		
254398	Maintain fire alarm and detection systems		
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 5	3

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

SPECIFIC OUTCOME 1

Demonstrate knowledge of maintaining fire alarm and detection systems.

SPECIFIC OUTCOME 2

Test fire alarm and detection equipment.

SPECIFIC OUTCOME 3

Repair fire alarm and detection systems.

SPECIFIC OUTCOME 4

Report maintenance procedures.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None