
GOVERNMENT NOTICE

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

No. 447

8 May 2009



SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)

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

Forestry

registered by Organising Field 01 – Agriculture and Nature Conservation, publishes the following Unit Standards for public comment.

This notice contains the titles, fields, sub-fields, NQF levels, credits, and purposes 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 for 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 June 2009***. All correspondence should be marked **Standards Setting – SGB for Forestry** 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:

***Operate primary log breakdown facilities in green timber processing area of
lumber mill***

SAQA US ID		UNIT STANDARD TITLE	
264794		Operate primary log breakdown facilities in green timber processing area of lumber mill	
ORIGINATOR		PROVIDER	
SGB Forestry			
FIELD		SUBFIELD	
1 - Agriculture and Nature Conservation		Forestry and Wood Technology	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	10

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

SPECIFIC OUTCOME 1

Collect setting up tools and equipment and green lumber cutting tools (blades) for the individual primary log breakdown and ancillary materials handling equipment.

SPECIFIC OUTCOME 2

Set up the primary log breakdown facilities equipment and install the required cutting tools, to prescribed standards, in the prescribed manner.

SPECIFIC OUTCOME 3

Operate primary log breakdown equipment safely in accordance with company's procedures to convert a round log into a cant/side boards.

SPECIFIC OUTCOME 4

Carry out routine maintenance and lubrication of primary log breakdown and ancillary handling equipment according to company's procedures.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	66312	National Certificate: Lumber Milling	Level 2



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Operate conversion equipment used for surfacing and thickening products in the dry timber processing area of lumber mill

SAQA US ID	UNIT STANDARD TITLE		
264795	Operate conversion equipment used for surfacing and thickening products in the dry timber processing area of lumber mill		
ORIGINATOR		PROVIDER	
SGB Forestry			
FIELD		SUBFIELD	
1 - Agriculture and Nature Conservation		Forestry and Wood Technology	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	10

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

SPECIFIC OUTCOME 1

Collect all the prescribed setting up tools and equipment and cutting tools (blades, knives) for the conversion equipment used for surfacing and thickening products.

SPECIFIC OUTCOME 2

Set up the conversion equipment used for surfacing and thickening products and install the required cutting tools, to prescribed standards, in the prescribed manner.

SPECIFIC OUTCOME 3

Operate the conversion equipment used for surfacing and thickening products in the prescribed manner to produce lumber of the prescribed surfacing and thickening.

SPECIFIC OUTCOME 4

Control the throughput and quality to maintain prescribed standards.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	66269	General Education and Training Certificate: Lumber Milling	Level 1
Elective	66312	National Certificate: Lumber Milling	Level 2



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Manage production in the relevant workplace in lumber mill***

SAQA US ID	UNIT STANDARD TITLE		
264796	Manage production in the relevant workplace in lumber mill		
ORIGINATOR	PROVIDER		
SGB Forestry			
FIELD	SUBFIELD		
1 - Agriculture and Nature Conservation	Forestry and Wood Technology		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	10

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

SPECIFIC OUTCOME 1

Plan and initiate production runs in the relevant workplace.

SPECIFIC OUTCOME 2

Record progress of production runs and quality of output.

SPECIFIC OUTCOME 3

Analyse the data on progress and quality of output achieved as compared to the schedule provided.

SPECIFIC OUTCOME 4

Adapt procedures, if necessary, to achieve original output targets.

SPECIFIC OUTCOME 5

Analyse data on completed production runs to provide information for future improvements.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	66289	Further Education and Training Certificate: Lumber Milling	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Operate conversion equipment used to profile cross section of products in the dry timber processing area of Lumber Mill

SAQA US ID		UNIT STANDARD TITLE	
264797		Operate conversion equipment used to profile cross section of products in the dry timber processing area of Lumber Mill	
ORIGINATOR		PROVIDER	
SGB Forestry			
FIELD		SUBFIELD	
1 - Agriculture and Nature Conservation		Forestry and Wood Technology	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	10

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

SPECIFIC OUTCOME 1

Collect all the prescribed setting up tools and equipment and cutting tools (blades, knives) for the conversion equipment used to profile cross section of products.

SPECIFIC OUTCOME 2

Set up the conversion equipment used to profile cross section of products and install the required cutting tools, to prescribed standards, in the prescribed manner.

SPECIFIC OUTCOME 3

Operate the conversion equipment used to profile cross section of products in the prescribed manner.

SPECIFIC OUTCOME 4

Control the throughput and quality to maintain prescribed standards.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	66312	National Certificate: Lumber Milling	Level 2



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Sort and stack graded lumber in a Lumber Mill

SAQA US ID		UNIT STANDARD TITLE	
264798		Sort and stack graded lumber in a Lumber Mill	
ORIGINATOR		PROVIDER	
SGB Forestry			
FIELD		SUBFIELD	
1 - Agriculture and Nature Conservation		Forestry and Wood Technology	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 1	4

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

SPECIFIC OUTCOME 1

Identify graders' marks on graded lumber.

SPECIFIC OUTCOME 2

Collect graded lumber and stack in parcels containing similar grades and uniform dimensions.

SPECIFIC OUTCOME 3

Apply the appropriate grade and other relevant marks in the prescribed positions on the graded lumber.

SPECIFIC OUTCOME 4

Strap parcels/stacks of graded and marked lumber for dispatch to next stage in the lumber mill.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	66269	General Education and Training Certificate: Lumber Milling	Level 1



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Operate conversion equipment for recovering narrower and thinner and shorter length products in dry timber processing area of lumber mill

SAQA US ID	UNIT STANDARD TITLE		
264814	Operate conversion equipment for recovering narrower and thinner and shorter length products in dry timber processing area of lumber mill		
ORIGINATOR		PROVIDER	
SGB Forestry			
FIELD		SUBFIELD	
1 - Agriculture and Nature Conservation		Forestry and Wood Technology	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 1	7

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

SPECIFIC OUTCOME 1

Collect all the prescribed setting up tools and equipment and cutting tools for the conversion equipment for recovering narrower and thinner and short length products.

SPECIFIC OUTCOME 2

Set up the conversion equipment for recovering narrower and thinner and short length products and install the required cutting tools, to prescribed standards, in the prescribed manner.

SPECIFIC OUTCOME 3

Operate the conversion equipment for recovering narrower and thinner and short length products in the prescribed manner to produce lumber of the prescribed lengths and width.

SPECIFIC OUTCOME 4

Carry out prescribed routine maintenance and lubrication of conversion equipment for recovering narrower and thinner and short length products and ancillary handling equipment.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	66269	General Education and Training Certificate: Lumber Milling	Level 1



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Control Dry Mill facilities in dry timber processing area of lumber mill***

SAQA US ID		UNIT STANDARD TITLE	
264815		Control Dry Mill facilities in dry timber processing area of lumber mill	
ORIGINATOR		PROVIDER	
SGB Forestry			
FIELD		SUBFIELD	
1 - Agriculture and Nature Conservation		Forestry and Wood Technology	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 3	5

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

SPECIFIC OUTCOME 1

Control the dry mill operations in the prescribed manner to the prescribed standards.

SPECIFIC OUTCOME 2

Control dry mill throughput and quality to maintain prescribed product standards.

SPECIFIC OUTCOME 3

Carry out routine maintenance and lubrication of dry mill and recording equipment.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	66329	National Certificate: Lumber Milling	Level 3



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Produce laminated lumber in lumber mill***

SAQA US ID		UNIT STANDARD TITLE	
264816		Produce laminated lumber in lumber mill	
ORIGINATOR		PROVIDER	
SGB Forestry			
FIELD		SUBFIELD	
1 - Agriculture and Nature Conservation		Forestry and Wood Technology	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	10

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

SPECIFIC OUTCOME 1

Set up Laminating equipment according to manufacturer's specification.

SPECIFIC OUTCOME 2

Produce Laminating lumber according to prescribed specifications.

SPECIFIC OUTCOME 3

Explain the process of sorting, stacking and distributing graded Laminated lumber to the correct destination.

SPECIFIC OUTCOME 4

Explain and adhere to safety, health and environmental requirements pertaining to the Laminating area.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	66312	National Certificate: Lumber Milling	Level 2



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Explain and apply specific standards of lumber grading in a Lumber Mill

SAQA US ID		UNIT STANDARD TITLE	
264835		Explain and apply specific standards of lumber grading in a Lumber Mill	
ORIGINATOR		PROVIDER	
SGB Forestry			
FIELD		SUBFIELD	
1 - Agriculture and Nature Conservation		Forestry and Wood Technology	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	12

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

SPECIFIC OUTCOME 1

Explain the relevant grading rules and specifications according to South African National Standards (SANS) 1783.

SPECIFIC OUTCOME 2

Grade lumber according to the relevant grading rules and specifications as per SANS 1783.

SPECIFIC OUTCOME 3

Verify graded lumber according to sampling procedure as per SANS 1783.

SPECIFIC OUTCOME 4

Apply the relevant grading marks for the various graded products that are produced and their respective placements on these products.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	66312	National Certificate: Lumber Milling	Level 2



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Control Wet Mill facilities in green timber processing area of Lumber Mill.

SAQA US ID	UNIT STANDARD TITLE		
264836	Control Wet Mill facilities in green timber processing area of Lumber Mill.		
ORIGINATOR	PROVIDER		
SGB Forestry			
FIELD	SUBFIELD		
1 - Agriculture and Nature Conservation	Forestry and Wood Technology		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 3	5

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

SPECIFIC OUTCOME 1

Control the wet mill operations in the prescribed manner to the prescribed standards.

SPECIFIC OUTCOME 2

Control wet mill throughput and quality to maintain prescribed product standards.

SPECIFIC OUTCOME 3

Carry out routine maintenance and lubrication of wet mill and recording equipment.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	66329	National Certificate: Lumber Milling	Level 3