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SOUTH AFRICAN QUALIFICATIONS AUTHORITY

REGISTERED UNIT STANDARD:

Demonstrate an understanding of timber roof truss manufacturing environment

SAQA US ID	UNIT STANDARD TITLE			
117261	Demonstrate an understanding of timber roof truss manufacturing environment			
ORIGINATOR		REGISTERING PROVIDER		
SGB Wood Products				
QUALITY ASSURING BODY				
-				
FIELD			SUBFIELD	
Field 01 - Agriculture and Nature Conservation			Forestry and Wood Technology	
ABET BAND	UNIT STANDARD TYPE	OLD NQF LEVEL	NEW NQF LEVEL	CREDITS
Undefined	Regular	Level 1	NQF Level 01	10
REGISTRATION STATUS		REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Reregistered		2008-08-05	2011-08-05	SAQA 0160/05
LAST DATE FOR ENROLMENT		LAST DATE FOR ACHIEVEMENT		
2012-08-05		2015-08-05		

In all of the tables in this document, both the old and the new NQF Levels are shown. In the text (purpose statements, qualification rules, etc), any reference to NQF Levels are to the old levels unless specifically stated otherwise.

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

PURPOSE OF THE UNIT STANDARD

This unit standard will enable people to demonstrate an understanding of the timber roof truss manufacturing environment, whilst adhering to other agreed standards pertaining to performance, safety, quality, and the environment.

People credited with this unit standard are able to:

- Identify material and tools required for timber roof truss manufacturing.
- Demonstrate knowledge of the general functions of the equipment used for the manufacture of timber roof trusses.
- Demonstrate an understanding of timber roof truss production flow.
- Demonstrate knowledge of the general concept of raw material and product quality.

LEARNING ASSUMED TO BE IN PLACE AND RECOGNITION OF PRIOR LEARNING

A Learner who wishes to enter a learning programme for this Unit Standard must be able to demonstrate:

- Competency in mathematical and communication skills equivalent to that of a person who has qualified in these subjects at NQF Level 1.
- An understanding of the basic activities of the timber roof truss manufacturing process and procedures of the relevant workplace.
- Knowledge and skills in the relevant workplace procedures, health and safety measures equivalent to NQF level 1 requirements.

UNIT STANDARD RANGE

The scope of this Unit Standard covers:

- Relevant production phases: Preparation - Manufacturing - Storing equipment and tools utilised.
- Raw material and products specifications involved in a specific production phase.
- All the production personnel involved in production phase.
- All the safety rules and gear employed in the relevant production stage.

The context of this Unit Standard relates to the training of a Learner at NQF Level 1 in the timber roof truss manufacturing activity.

The Level assigned to this Unit Standard, i.e. Level 1, is appropriate because it entails the training of a novice in a timber roof truss manufacturing environment and is a progression of the skills acquired from Levels 1 to 3.

Specific Outcomes and Assessment Criteria:

SPECIFIC OUTCOME 1

Identify material and tools required for timber roof truss manufacturing.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Raw materials and products are correctly identified.

ASSESSMENT CRITERION 2

Machines, tools and instruments used in the process are correctly identified.

ASSESSMENT CRITERION 3

The explanation is given using the correct industry terminology.

SPECIFIC OUTCOME 2

Demonstrate knowledge of the general functions of the equipment used for the manufacture of timber roof trusses.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

All machines and tools are correctly identified, and functions broadly explained as per equipment specifications and production plans.

ASSESSMENT CRITERION 2

The explanation is given using the correct industry terminology.

SPECIFIC OUTCOME 3

Demonstrate an understanding of timber roof truss production flow.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

The explanation proves that the sequence of the relevant production stages in the process is known and understood.

ASSESSMENT CRITERION 2

Material to be processed is safely put in or directed to the correct position for further movement as per work instructions.

ASSESSMENT CRITERION 3

Processed products are safely transported to the designated position for further movement as per work instructions.

ASSESSMENT CRITERION 4

The basic lay out of the relevant operation, is known and understood as per work instructions.

SPECIFIC OUTCOME 4

Demonstrate knowledge of the general concept of raw material and product quality.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Raw material is correctly and safely grouped/assembled/stacked according to dimensions and grades.

ASSESSMENT CRITERION 2

Raw material of the relevant processing phase can be safely grouped/assembled/stacked according to manufacturing requirements.

UNIT STANDARD ACCREDITATION AND MODERATION OPTIONS

An individual who wishes to be assessed against this Unit Standard may apply to, or inform, his immediate superior in the relevant workplace, to request management to arrange for his / her assessment by the relevant assessor accredited for this purpose by the ETQA of the FIETA. Accreditation for this Unit Standard shall be from the relevant Education and Training Quality Assurer (FIETA ETQA) through formative and summative assessment by a registered Assessor. Assessment should be contextual and be conducted in the workplace as far as possible.

The relevant NSB and SGB should be notified of any feedback related to this qualification.

- Assessors must be registered as an Assessor with the relevant ETQA.
- Moderators must be registered as assessors with the relevant ETQA.
- Training providers must be accredited by the relevant ETQA.
- Moderation should include both internal and external moderation where applicable.
- The FIETA ETQA will co-ordinate all moderation activities in accordance with their policies and procedures.

UNIT STANDARD ESSENTIAL EMBEDDED KNOWLEDGE

A demonstrated understanding of:

- The relevant safety procedures required by the OSHACT and the workplace.
- The organisation's work instructions.
- Workplace equipment and materials.

UNIT STANDARD DEVELOPMENTAL OUTCOME

- Ensure equipment, tools and instruments utilised in his/her work area are effectively and efficiently cared for and correctly and safely located.

- Understand and efficiently and safely carry out instructions of superiors in his/her work area.

UNIT STANDARD LINKAGES

N/A

Critical Cross-field Outcomes (CCFO):

UNIT STANDARD CCFO IDENTIFYING

Identify and report problems to line managers in his/her work area.

UNIT STANDARD CCFO WORKING

Work efficiently and safely as a motivated member of a team in his/her work area.

QUALIFICATIONS UTILISING THIS UNIT STANDARD:

	ID	QUALIFICATION TITLE	OLD LEVEL	NEW LEVEL	STATUS	END DATE
Elective	49082	GETC: Wood Products Processing	Level 1	NQF Level 01	Reregistered	2011-08-05

PROVIDERS CURRENTLY ACCREDITED TO OFFER THIS UNIT STANDARD:

This information shows the current accreditations (i.e. those not past their accreditation end dates), and is the most complete record available to SAQA as of today. Some Quality Assuring Bodies have a lag in their recording systems for provider accreditation, in turn leading to a lag in notifying SAQA of all the providers that they have accredited to offer qualifications and unit standards, as well as any extensions to accreditation end dates. The relevant Quality Assuring Body should be notified if a record appears to be missing from here.

NONE

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