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**SOUTH AFRICAN QUALIFICATIONS AUTHORITY
REGISTERED UNIT STANDARD:**

Demonstrate an understanding of a roofing business environment

SAQA US ID	UNIT STANDARD TITLE			
263842	Demonstrate an understanding of a roofing business environment			
ORIGINATOR		REGISTERING PROVIDER		
SGB Forestry				
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 5	New Level Assignment Pend.	10
REGISTRATION STATUS		REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Registered		2009-05-13	2012-05-13	SAQA 0181/09
LAST DATE FOR ENROLMENT		LAST DATE FOR ACHIEVEMENT		
2013-05-13		2016-05-13		

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

People credited with this unit are able to define the design responsibilities of the various role-players within the organization involved in the preparation, submittal, review and approval of each Truss Design Drawing and Estimate.

Competent persons against this unit standard are able to:

- Demonstrate an understanding of the internal responsibilities within the organisation.
- Apply knowledge and understanding of the impact of estimating correctly.
- Apply knowledge and understanding of contractual requirements.
- Demonstrate an understanding of the impact of design and manufacturing inefficiencies.

- Demonstrate understanding of the handling of trusses.

LEARNING ASSUMED TO BE IN PLACE AND RECOGNITION OF PRIOR LEARNING

- Communication and Mathematical Literacy at NQF Level 4.

Recognition of Prior Learning:

Persons who are able to demonstrate workplace experience comparable or equivalent to the competence requirements of the unit standard will be given credit, in line with assessment processes.

UNIT STANDARD RANGE

N/A

Specific Outcomes and Assessment Criteria:

SPECIFIC OUTCOME 1

Demonstrate an understanding of the internal responsibilities within the organisation.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

The company structure is described in terms of the functions of personnel in achieving the purpose of the organisation.

ASSESSMENT CRITERION 2

Customer requirements are interpreted in accordance with the client's real need and the organisation's ability to meet that need.

ASSESSMENT CRITERION 3

The consequences of not complying with relevant Building Regulations are described in terms of safety and liability.

SPECIFIC OUTCOME 2

Apply knowledge and understanding of the impact of estimating correctly.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Various material quantities needed to build a roof are identified for a given roof design.

ASSESSMENT CRITERION 2

The cost implication of correcting errors is described in terms of delays, delivery fees and standing time.

ASSESSMENT CRITERION 3

The impact of incorrect estimates is described in terms of customer satisfaction and continued business.

SPECIFIC OUTCOME 3

Apply knowledge and understanding of contractual requirements.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Potential time constraints are described in terms of the impact on the total construction project.

ASSESSMENT CRITERION 2

The importance of providing correct delivery details is described in terms of having the correct products available at the correct place at an appropriate time.

ASSESSMENT CRITERION 3

The importance of correct measurements is explained in terms of maximising efficiency and ordering the required quantities of materials.

SPECIFIC OUTCOME 4

Demonstrate an understanding of the impact of design and manufacturing inefficiencies.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Consequences of poor design are described in terms of durability and safety.

ASSESSMENT CRITERION 2

The purpose of roof inspection is described in terms of ensuring compliance to safety standards.

ASSESSMENT CRITERION 3

Consequences of using substandard trusses are described in terms of repair costs and time delays.

SPECIFIC OUTCOME 5

Demonstrate understanding of the handling of trusses.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Methods of handling trusses are described for various types and sizes of trusses.

ASSESSMENT CRITERION 2

Safety requirements in handling trusses are identified and described for a given situation.

ASSESSMENT CRITERION 3

Methods of protecting trusses from damage are identified and described for a given situation.

ASSESSMENT CRITERION RANGE

Damage to trusses include bending, knocking and cracking.

UNIT STANDARD ACCREDITATION AND MODERATION OPTIONS

- Anyone assessing a candidate against this unit standard must be registered as an assessor with the relevant ETQA.
- Any institution offering learning that will enable achievement of this unit standard must be accredited as a provider through the relevant ETQA.
- Moderation of assessment will be overseen by the relevant ETQA according to the moderation guidelines and the agreed ETQA procedures.

UNIT STANDARD ESSENTIAL EMBEDDED KNOWLEDGE

Knowledge considered critical to the successful achievement of this unit is covered in the specific outcomes and assessment criteria. This includes:

- Functions of different people within the organisation.
- Identifying client needs.
- Providing a solution to a client's needs.
- The need for estimating accurately.
- Contractual requirements.
- The impact of design efficiencies.
- The impact of manufacturing inefficiencies.
- Methods of handling trusses safely.

UNIT STANDARD DEVELOPMENTAL OUTCOME

N/A

UNIT STANDARD LINKAGES

N/A

Critical Cross-field Outcomes (CCFO):

UNIT STANDARD CCFO IDENTIFYING

Identify the structures, roles and responsibilities of the various persons in an organisation as well as the value they add.

UNIT STANDARD CCFO WORKING

Demonstrate an understanding of how role players work in an organisation.

UNIT STANDARD CCFO ORGANISING

Organise and manage oneself and one`s activities responsibly and effectively by estimating correctly.

UNIT STANDARD CCFO COLLECTING

Collect, analyse, organise and critically evaluate information to ensure that correct details and estimates are given to clients.

UNIT STANDARD CCFO COMMUNICATING

Communicate effectively using visual, mathematical and/or language skills when determining customer requirements.

UNIT STANDARD CCFO DEMONSTRATING

Demonstrate understanding of the impact of estimating incorrectly, legal agreements, inefficiencies and loss of business.

QUALIFICATIONS UTILISING THIS UNIT STANDARD:

	ID	QUALIFICATION TITLE	OLD LEVEL	NEW LEVEL	STATUS	END DATE
Elective	66370	Further Education and Training Certificate: Roof Truss Technology	Level 4	NQF Level 04	Registered	2012-05-13

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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