



All qualifications and unit standards registered on the National Qualifications Framework are public property. Thus the only payment that can be made for them is for service and reproduction. It is illegal to sell this material for profit. If the material is reproduced or quoted, the South African Qualifications Authority (SAQA) should be acknowledged as the source.

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

**Organise and control roof carpentry activities**

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>			
14423	Organise and control roof carpentry activities			
<b>ORIGINATOR</b>		<b>REGISTERING PROVIDER</b>		
SGB Building Construction				
<b>QUALITY ASSURING BODY</b>				
-				
<b>FIELD</b>			<b>SUBFIELD</b>	
Field 12 - Physical Planning and Construction			Building Construction	
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>OLD NQF LEVEL</b>	<b>NEW NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 4	NQF Level 04	6
<b>REGISTRATION STATUS</b>		<b>REGISTRATION START DATE</b>	<b>REGISTRATION END DATE</b>	<b>SAQA DECISION NUMBER</b>
Reregistered		2007-05-15	2010-05-15	SAQA 0160/05
<b>LAST DATE FOR ENROLMENT</b>		<b>LAST DATE FOR ACHIEVEMENT</b>		
2011-05-15		2014-05-15		

*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**

Learners who are assessed as competent against this unit standard will be able to demonstrate a working knowledge and understanding of roof carpentry activities and coordinate and control these activities in order to ensure that quality, safety and site specifications are adhered to.

This competence forms part of The Elective learning and represents a specific context of supervision, i.e. supervising roof carpentry activities.

It contributes to the development of a professional community of Building Construction Supervisors. The contribution to The National Skills Development Strategy is the key developmental interface between learners and new competencies to be achieved.

Its contribution to socio-economic transformation is that learners would be able to undergo RPL-assessment and thereby receive recognition for previous learning and experience. The employability and career prospects of learners can therefore be enhanced by this qualification.

## **LEARNING ASSUMED TO BE IN PLACE AND RECOGNITION OF PRIOR LEARNING**

NQF level 3 Language and Mathematics

The following competencies:

1. Reading and interpreting construction drawings and specifications
2. Compiling a works programme
3. Setting out work areas

## **UNIT STANDARD RANGE**

This unit standard is intended for a person supervising roof carpentry and related activities. The learner is required to demonstrate a working knowledge and understanding with regard to the processes and requirements involved with the manufacturing and erecting of roof trusses and the cladding of roof structures.

The typical scope of this unit standard is:

- Work processes should comply with:
  1. Occupational Health and Safety Act, safety plan and company health and safety procedures
  2. Quality procedures and specifications
  3. Site operating procedures and company policies
  4. Manufacturer and supplier specifications
- Access equipment includes:
  1. System scaffold with ladder access
  2. Trestle scaffold
  3. Extension ladders
  4. Step ladders
  5. Maximum height of scaffolding is 2 meters
- Roof cladding includes the use of:
  1. Concrete and clay tiles
  2. Slate tiles
  3. Corrugated galvanised sheeting
  4. Corrugated fibre cement sheeting

## **Specific Outcomes and Assessment Criteria:**

### **SPECIFIC OUTCOME 1**

Organise and control preparations for roof carpentry activities.

### **ASSESSMENT CRITERIA**

#### **ASSESSMENT CRITERION 1**

1. Roof truss dimensions are set out and cut in accordance with dimensions.

#### **ASSESSMENT CRITERION 2**

2. The correct materials, tools and equipment are selected and used.

#### **ASSESSMENT CRITERION 3**

3. Work that affects other contractors or other trades is identified, communicated and possible conflicts resolved.

#### **ASSESSMENT CRITERION 4**

4. The appropriate access equipment is identified, procured, and used.

**ASSESSMENT CRITERION 5**

5. Access equipment is erected, used and dismantled according to safety procedures and legislation.

**SPECIFIC OUTCOME 2**

Organise and control the manufacturing of roof trusses.

**ASSESSMENT CRITERIA**

**ASSESSMENT CRITERION 1**

1. Roof trusses are manufactured in accordance with quality and specification requirements.

**ASSESSMENT CRITERION 2**

2. Roof trusses are completed within scheduled time frames and targeted production rates according to project constraints.

**ASSESSMENT CRITERION 3**

3. Works are completed within tendered costs.

**ASSESSMENT CRITERION 4**

4. Roof trusses are protected and stored appropriately.

**SPECIFIC OUTCOME 3**

Organise and control the erecting of roof trusses.

**ASSESSMENT CRITERIA**

**ASSESSMENT CRITERION 1**

1. Roof trusses are erected in accordance with quality and specification requirements.

**ASSESSMENT CRITERION 2**

2. Roof structures comply with the relevant SABS Codes of Practice.

**ASSESSMENT CRITERION 3**

3. The erecting of roof trusses are completed within scheduled time frames and targeted production rates according to project constraints.

**ASSESSMENT CRITERION 4**

4. Works are completed within tendered costs.

**SPECIFIC OUTCOME 4**

Organise and control the cladding of roof structures.

**ASSESSMENT CRITERIA**

**ASSESSMENT CRITERION 1**

1. Cladding is done in accordance with quality and specification requirements.

**ASSESSMENT CRITERION 2**

2. Cladding is completed within scheduled time frames and targeted production rates according to project constraints.

### **ASSESSMENT CRITERION 3**

3. Cladding is completed within tendered costs.

### **UNIT STANDARD ACCREDITATION AND MODERATION OPTIONS**

- Anyone assessing a learner or moderating the assessment of a learner against this unit standard must be registered as an assessor with the CETA - ETQA for "The National Certificate in the Supervision of Building Construction Processes"
- Any institution offering learning that will enable the achievement of this unit standard must be accredited as a provider with the CETA - ETQA
- CETA - ETQA, or other ETQA's who have a Memorandum of Understanding in place with CETA-ETQA, would be responsible for moderation of learner achievements of learners who meet the requirements of this qualification.

### **UNIT STANDARD ESSENTIAL EMBEDDED KNOWLEDGE**

Understand and explain:

- National Building Regulations applicable to roof carpentry
- Roof carpentry terms and definitions
- Roof carpentry tools, equipment and materials
- Size, grade and stock lengths of timber
- Roof layout plans
- Non-standard connecting devices and fasteners
- Different roof truss configuration and assembly techniques
- Techniques for erecting different types of roof trusses
- Techniques for cladding different components of a roof structure
- Types, properties and application of access equipment.

### **UNIT STANDARD DEVELOPMENTAL OUTCOME**

N/A

### **UNIT STANDARD LINKAGES**

N/A

## **Critical Cross-field Outcomes (CCFO):**

### **UNIT STANDARD CCFO IDENTIFYING**

Identify and solve problems - relate to the following assessment criteria:

Work that affects other contractors or other trades is identified, communicated and possible conflicts resolved.

### **UNIT STANDARD CCFO WORKING**

Work effectively with others - relate to the following specific outcome:

Organise and control the manufacturing of roof trusses.

### **UNIT STANDARD CCFO ORGANISING**

Employ self-management - relate to the following assessment criteria:

The erecting of roof trusses are completed within scheduled time frames and targeted production

rates according to project constraints.

#### **UNIT STANDARD CCFO COLLECTING**

Manage information - relate to the following assessment criteria:

Roof truss dimensions are set out and cut in accordance with dimensions.

#### **UNIT STANDARD CCFO SCIENCE**

Demonstrate scientific and technological competence - relate to the following assessment criteria:

- The appropriate access equipment is identified, procured, and used;
- Access equipment is erected, used and dismantled according to safety procedures and legislation.

#### **UNIT STANDARD CCFO DEMONSTRATING**

Understand Contextual world-systems - relate to the following assessment criteria:

Roof structures comply with the relevant SABS Codes of Practice.

#### **QUALIFICATIONS UTILISING THIS UNIT STANDARD:**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>OLD LEVEL</b>	<b>NEW LEVEL</b>	<b>STATUS</b>	<b>END DATE</b>
Elective	<a href="#">23895</a>	National Certificate: Supervision of Building Construction Processes	Level 4	NQF Level 04	Passed the End Date - Status was "Registered"	2004-06-09
Elective	<a href="#">49053</a>	National Certificate: Supervision of Construction Processes	Level 4	New Level Assignment Pend.	Passed the End Date - Status was "Reregistered"	2009-04-08

#### **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**

---

*All qualifications and unit standards registered on the National Qualifications Framework are public property. Thus the only payment that can be made for them is for service and reproduction. It is illegal to sell this material for profit. If the material is reproduced or quoted, the South African Qualifications Authority (SAQA) should be acknowledged as the source.*