

[[Registered Qual & Unit Std Home page](#)] [[Search Qualifications](#)] [[Search Unit Standards](#)]



All qualifications and part qualifications 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:**

**Operate and perform routine maintenance on equipment and tools**

SAQA US ID	UNIT STANDARD TITLE			
12616	Operate and perform routine maintenance on equipment and tools			
<b>ORIGINATOR</b>				
SGB Primary Agriculture				
<b>PRIMARY OR DELEGATED QUALITY ASSURANCE FUNCTIONARY</b>				
-				
<b>FIELD</b>			<b>SUBFIELD</b>	
Field 01 - Agriculture and Nature Conservation			Primary Agriculture	
ABET BAND	UNIT STANDARD TYPE	PRE-2009 NQF LEVEL	NQF LEVEL	CREDITS
Undefined	Regular	Level 3	NQF Level 03	5
REGISTRATION STATUS		REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Reregistered		2015-07-01	2018-06-30	SAQA 10105/14
LAST DATE FOR ENROLMENT		LAST DATE FOR ACHIEVEMENT		
2019-06-30		2022-06-30		

In all of the tables in this document, both the pre-2009 NQF Level and the NQF Level is shown. In the text (purpose statements, qualification rules, etc), any references to NQF Levels are to the pre-2009 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**

Provide the learner with the necessary knowledge and skill to perform the following:

Operate tools and equipment used in farming  
Service and maintain farm machinery and equipment

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

Ability to operate tools and equipment commonly found on a farm.  
Be able to interpret manufacturer's maintenance manuals

**UNIT STANDARD RANGE**

N/A

**Specific Outcomes and Assessment Criteria:**

**SPECIFIC OUTCOME 1**

Operate tools and equipment commonly used in farming.

### **ASSESSMENT CRITERIA**

#### **ASSESSMENT CRITERION 1**

1. Tools and equipment selected for purpose of use

#### **ASSESSMENT CRITERION RANGE**

Farm workshop and normal farming operations

#### **ASSESSMENT CRITERION 2**

2. Tools and equipment used for purpose according to manufacturer's requirements

#### **ASSESSMENT CRITERION 3**

3. Safety precautions complied with according to enterprise and manufacturer's requirements

### **SPECIFIC OUTCOME 2**

Service and maintain tools and equipment.

### **ASSESSMENT CRITERIA**

#### **ASSESSMENT CRITERION 1**

1. Manufacturers requirements complied with when servicing equipment and tools

#### **ASSESSMENT CRITERION RANGE**

Adjusting, lubricating, cleaning, checking fluid levels and top up

#### **ASSESSMENT CRITERION 2**

2. Components to be checked/adjusted according manufacture's requirements

#### **ASSESSMENT CRITERION 3**

3. Manufacturer and enterprise safety requirements complied with

### **SPECIFIC OUTCOME 3**

Diagnose and rectify common basic faults.

### **ASSESSMENT CRITERIA**

#### **ASSESSMENT CRITERION 1**

1. Simple faults identified and rectified

#### **ASSESSMENT CRITERION 2**

2. Complex faults are identified and reported to supervisor

#### **ASSESSMENT CRITERION 3**

3. Components that are faulty are replaced under supervision

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

The assessment of qualifying learners against this standard should meet the requirements of established assessment principles. It will be necessary to develop assessment activities and tools, which are appropriate to the contexts in which qualifying learners are working. These activities and tools may include an appropriate combination of self-assessment and peer assessment; formative and summative assessment, portfolios and observations, etc.

The assessment should ensure that all the specific outcomes, critical cross-field outcomes and essential embedded knowledge be assessed.

The specific outcomes must be assessed through observation of performance. Supporting evidence should be used to prove competence of specific outcomes only when they are not clearly seen in the actual performance. Essential embedded knowledge must be assessed in its own right, through oral and written evidence. It cannot be assessed by observation only.

The specific outcomes and essential embedded knowledge must be assessed in relation to each other. If a qualifying learner is able to explain the essential embedded knowledge but is unable to perform the specific outcomes, then they should not be assessed as competent. Similarly, if a qualifying learner is able to perform the specific outcomes but is unable to explain or justify their performance in terms of the essential embedded knowledge, they should not be assessed as competent.

Evidence of the specified critical cross-field outcomes should be found both in performance and in the essential embedded knowledge.

Performance of specific outcomes must actively affirm target groups of qualifying learners, not unfairly discriminate against them. Qualifying learners should be able to justify their performance in terms of these values.

1. Anyone assessing a learner against this unit standard must be registered as an assessor with the relevant ETQA.

2. Any institution offering learning that will enable achievement of this unit standard or assessing this unit standard must be accredited as a provider with the relevant ETQA.

3. Moderation of assessment will be overseen by the relevant ETQA according to the moderation guidelines in the relevant qualification and the agreed ETQA procedures.

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

1. Importance of complying to manufacturer's requirements when maintaining equipment
2. Safe working habits to apply when working in potentially dangerous situations
3. Benefit of good house keeping

### **UNIT STANDARD DEVELOPMENTAL OUTCOME**

N/A

### **UNIT STANDARD LINKAGES**

N/A

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

### **UNIT STANDARD CCFO IDENTIFYING**

The learner will be able to identify and solve problems during the process

### **UNIT STANDARD CCFO ORGANISING**

The learner will be able to organise and manage himself and his activities responsibly and effectively

### **UNIT STANDARD CCFO COLLECTING**

The learner will be able to collect, analyse and critically evaluate information

### **UNIT STANDARD CCFO COMMUNICATING**

The learner will communicate effectively when reporting on work matters

### **UNIT STANDARD CCFO SCIENCE**

The learner will use science and technology effectively and critically (showing responsibility towards the environment and health of others)

### **UNIT STANDARD CCFO DEMONSTRATING**

The learner will demonstrate an understanding of the world as a set of related systems

### **UNIT STANDARD ASSESSOR CRITERIA**

Anyone assessing a learner against this unit standard must be registered as an assessor with the relevant ETQA.

**REREGISTRATION HISTORY**

As per the SAQA Board decision/s at that time, this unit standard was Reregistered in 2012; 2015.

**UNIT STANDARD NOTES**

Learner to comply at all times to the requirements of the OHS Act.

Terminology

OHS Act refers to Occupational, Health and Safety Act.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD:**

	ID	QUALIFICATION TITLE	PRE-2009 NQF LEVEL	NQF LEVEL	STATUS	END DATE	PRIMARY OR DELEGATED QA FUNCTIONARY
Core	20288	National Certificate: Farming	Level 2	NQF Level 02	Reregistered	2018-06-30	AgriSETA
Core	20890	National Certificate: Plastics Manufacturing	Level 4	NQF Level 04	Passed the End Date - Status was "Registered"	2005-04-13	Was MERSETA until Last Date for Achievement

**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 Primary or Delegated Quality Assurance Functionaries 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 Primary or Delegated Quality Assurance Functionary should be notified if a record appears to be missing from here.

1. Eastcape Training Centre
2. PS Productive Services (WESTVILLE) (TP)
3. Setlakala Business Development
4. Siyasanga Training Centre

---

All qualifications and part qualifications 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.