

No. 676

4 June 2004



### SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)

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

#### Secondary Agriculture

Registered by NSB 01, Agriculture and Nature Conservation, publishes the following qualifications and unit standards for public comment.

This notice contains the titles, fields, sub-fields, NQF levels, credits, and purpose of the qualification and unit standards upon which qualifications are based. The full qualification and unit standards can be accessed via the SAQA web site at [www.saga.org.za](http://www.saga.org.za). Copies may also be obtained from the Directorate of Standards Setting and Development at the SAQA offices, Hatfield Forum, 1067 Arcadia Street, Hatfield, Pretoria.

Comment on the unit standards should reach SAQA at the address ***below and no later than 5 July 2004***. All correspondence should be marked **Standards Setting – SGB for Secondary Agriculture** and addressed to

The Director: Standards Setting and Development  
SAQA  
*Attention: Mr. D Mphuthing*  
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## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

### QUALIFICATION:

#### *National Certificate: Fruit Packing and Grading Processes*

SAQA QUAL ID	QUALIFICATION TITLE	
48848	National Certificate: Fruit Packing and Grading Processes	
SGB NAME	SGB for Secondary Agriculture: Processing	
ABET BAND	PROVIDER NAME	
Undefined		
QUALIFICATION CODE	QUAL TYPE	SUBFIELD
AGR-3-National Certificate	National Certificate	Secondary Agriculture
MINIMUM CREDITS	NQF LEVEL	QUALIFICATION CLASS
120	Level 3	Regular-Unit Stds Based
SAQA DECISION NUMBER	REGISTRATION START DATE	REGISTRATION END DATE

#### **PURPOSE OF THE QUALIFICATION**

This qualification is registered at level 3 on the National Qualification Framework. It provides learners with the opportunity to obtain competence in broad fruit packing and grading processes and practices, namely receiving, handling, packing, storing, grading and dispatching of fruit and provides opportunity for learners to grow in this specific field.

The learner will be able to integrate supervisory knowledge and skills with those specific to the fruit packing industry, ensuring the business they operate in is running smoothly. It also enables the learner to use competencies, which will facilitate growth of the business.

The qualification focuses on the skills, knowledge, values and attitude required to progress further in the industry. The intention is to release the potential of people, in order for them to grow, develop and become more competent workers. This qualification will furthermore add value to the individuals, their workplace and the economy as a whole.

Rationale for the qualification:

This qualification is aimed at people who are working in the fruit packing industry or who would like to start a career in the industry. It is aimed at formalising the skills required in the fruit packing industry to facilitate career pathing and to provide access to new entrants. Learners at lower levels will obtain the necessary skills and competencies through skills programs. The qualification provides learners with access to advanced learning in specialised areas within the fruit packing and processing industry. It also provides learners with the necessary background knowledge and skills to be portable within other industries.

Through the above the qualification will address one of the key priorities of the Department of Labour in the reduction of unemployment and under employment. It will assist in creating job opportunities and to create a better nation at large.

#### **RECOGNIZE PREVIOUS LEARNING?**

Y

#### **LEARNING ASSUMED TO BE IN PLACE**

Learners would be able to demonstrate competence in languages, communication and numeracy at NQF level 2 or equivalent.

Recognition of Prior Learning (RPL):

This qualification may be achieved in part or completely through the recognition of prior learning, which includes formal, informal and non-formal learning and work experience. Where RPL is required the learner will need to prove competence in that specific area in order to obtain recognition of that skill and knowledge.

Evidence can be presented in a variety of forms, including international or previous local qualifications, reports, testimonials mentioning functions performed, work records, portfolios, videos of practise and performance records. The assessment methods and tools to be used to assess Prior Learning shall be decided upon jointly by the assessor and the learner.

#### **QUALIFICATION RULES**

To obtain this qualification all fundamental and core unit standards are compulsory. The learner must select a minimum of 10 credits from the elective category to total 120 credits.

#### **EXIT LEVEL OUTCOMES**

1. Show an understanding of product characteristics and basic requirements of specific customer needs in the fruit industry considering the fruit handling protocols.
2. Demonstrate the ability to operate fruit packing machinery.
3. Show an understanding of the necessity for the application of environmental, hygiene, safety and health practices in the fruit handling process.
4. Demonstrate an understanding of the fruit flow process from receiving, packing, storage and dispatching of the product.
5. Demonstrate an understanding of the pre-sorting, grading and packing of fruit in the light of customer needs.
6. Demonstrate the ability to coordinate the packing and grading processes according to packing programs and grading standards.

#### **ASSOCIATED ASSESSMENT CRITERIA**

1.
  - > Factors impacting on the marketing of the product are identified and explained.
  - > Principles of fruit handling protocol are implemented.
  - > Cold chain processes and factors impacting on storage and preservation of fruit are described and explained.
  - > Reasons and consequences of not taking cognisance of customer requirements regarding the quality of fruit are identified and applied.
2.
  - > Machinery is prepared, maintained and used according to manufacturers specifications and work site procedures.
  - > Consequences of not adhering to work site procedures and manufacturers specifications are understood and explained.
  - > Records and reports are completed according to work site procedures and explained accordingly.
3.
  - > Reasons and consequences for the use of environmental, hygiene, safety and health practices in the workplace explained.
  - > Consequences of non-compliance understood in terms of customer and statutory requirements.
  - > Records and reports are completed according to work site procedures and explained accordingly.
4.
  - > Reasons for records and reports regarding the taking of fruit samples are explained.
  - > Consequences for not storing and dispatching fruit according to work site procedures are explained.
  - > Reasons for communicating deviations and fruit standards to relevant parties are explained.
  - > Consequences of not adhering to customer requirements during whole fruit flow process are explained.

5.

- > Reasons and consequences of not taking cognisance of customer requirements regarding the quality of fruit are identified and applied.
- > Factors impacting on handling of the product explained.
- > Principles of fruit sorting, grading specifications and packing procedures are understood and implemented.
- > Records and reports are completed according to work site procedures and explained accordingly.

6.

- > Workplace is prepared, according to customers' requirements and work site procedures.
- > Consequences of not instructing work teams on grading and packing specifications explained.
- > Records and reports are completed according to work site procedures and explained accordingly.

#### Integrated Assessment Criteria:

Unit standards associated with this qualification must be used to assess specific and critical cross-field outcomes. Assessment should focus in an integrated way on determining the competence of the learner in terms of the overall purpose and title of this qualification.

The term *integrated assessment* also implies that the theoretical and practical components should be assessed together and assess combinations of practical, applied, foundational and reflective competencies.

Assessment activities should be done in real workplace situations and where simulations or role-plays are used, there should be supporting evidence to show that the learner is able to display the competencies to the real work situation.

All assessments should be conducted in line with the following documented principles of assessment: appropriateness, fairness, manageability, integration into work of learning, validity, direct, authentic, sufficient, systematic, open and consistent.

Learners wishing to be assessed will need to provide evidence of the following:

- > Verbal and written explanations of reasons for adhering to operational and work site procedures as well as statutory requirements, adhering to specific sequence of operations, identifying deviations, taking corrective actions and recording relevant data, and reporting deviations outside the jobholder's responsibility.
- > Documentation and explanation of administrative records completed during the process of receiving, sampling, storing and dispatching of fruit.
- > Demonstrations of a range of actions in handling of fruit and applying general safety in the workplace.
- > A portfolio of evidence is required to prove the practical, applied and foundational competencies of the learner, which may include production and quality data.

Assessors and moderators should develop and conduct their own integrated assessment by making use of a range of formative and summative assessment methods. Assessors should assess and give credit for the evidence of learning that has already been acquired through formal, informal and non-formal learning and work experience.

#### **INTERNATIONAL COMPARABILITY**

Comparisons were done against unit standards and qualifications in the New Zealand and Australian Qualifications Authority. These were:

The "National Certificate in Horticulture (Fruit Production) Level 3" (New Zealand) allows the learner to choose elective unit standards in domains that are comparable to what is required for this qualification. The "National Certificate in Food and Related Production Processing Level 3" allows the learner to choose certain elective unit standards in domains that are related to what is required for this qualification.

Certificate I in Agriculture (Production Horticulture) - Australia- contains certain elements that may act as reference points for this qualification although the focus is on the growing of fruit.

A comparison of the above qualifications was undertaken and the best practice points were highlighted and used in the generation of this qualification's unit standards.

In general this qualification and its component unit standards were compared with their international counterparts and the differences are in the formatting, titles and scope of coverage or focus.

### **ARTICULATION OPTIONS**

This qualification lends itself to both vertical and horizontal articulation possibilities. These possibilities ensure both mobility and progression for the learner in other fields of learning such as fruit liquefying industry and areas where supervisory competence is required. The learning areas outlined in the purpose of the qualification indicate the vertical articulation possibilities.

Horizontal and Vertical articulation possibilities:

- > National Certificate: Seed Processing and Packaging at NQF Level 3
- > Further Education and Training Certificate: Tobacco Services at NQF Level 4

### **MODERATION OPTIONS**

Moderation includes internal and external moderation of assessments. Internal and external moderation systems must ensure that all assessors produce assessments that are credible, fair, reliable, consistent, adequate and practical.

Internal and external moderation systems must provide learning opportunities that are transparent, affordable and enhancing development in the field and sub-field of the National Qualifications Framework.

The accredited provider with the relevant ETQA must be able to provide internal moderation.

External moderation will be done by the relevant ETQA at its discretion.

### **CRITERIA FOR THE REGISTRATION OF ASSESSORS**

N/A

### **NOTES**

N/A

### **UNIT STANDARDS**

*(Note: A blank space after this line means that the qualification is not based on Unit Standards.)*

	<b>UNIT STANDARD ID AND TITLE</b>	<b>LEVEL</b>	<b>CREDITS</b>	<b>STATUS</b>
Core	115176 Explain the cold chain process	Level 2	4	Draft - Prep for P Comment
Core	115178 Pack fruit	Level 2	5	Draft - Prep for P Comment
Core	115179 Palletise fruit	Level 2	4	Draft - Prep for P Comment
Core	115187 Explain product characteristics	Level 2	4	Draft - Prep for P Comment
Core	115190 Demonstrate an understanding of the basic requirements of different fruit markets	Level 2	5	Draft - Prep for P Comment
Core	115193 Grade fruit	Level 2	5	Draft - Prep for P Comment
Core	115180 Operate fruit sizing machine	Level 3	8	Draft - Prep for P Comment
Core	115195 Monitor fruit treatment process	Level 3	8	Draft - Prep for P Comment
Core	115197 Store fruit	Level 3	8	Draft - Prep for P Comment
Core	115200 Dispatch final product	Level 3	8	Draft - Prep for P Comment
Core	115201 Receive fruit	Level 3	5	Draft - Prep for P Comment

Core	115202 Operate fruit packing line machine	Level 3	10	Draft - Prep for P Comment
Elective	115177 Pre-sort fruit	Level 2	3	Draft - Prep for P Comment
Elective	115181 Apply hygiene procedures	Level 2	4	Draft - Prep for P Comment
Elective	115186 Apply safety and health procedures	Level 2	6	Draft - Prep for P Comment
Elective	115188 Apply environmental protection procedures	Level 2	4	Draft - Prep for P Comment
Elective	8000 Applying basic business principles	Level 3	9	Reregistered
Elective	115182 Operate carton assembly machinery	Level 3	8	Draft - Prep for P Comment
Elective	115191 Perform quality tests on fruit	Level 3	8	Draft - Prep for P Comment
Elective	10135 Work as a project team member	Level 4	8	Registered
Fundamental	8968 Accommodate audience and context needs in oral communication	Level 3	5	Registered
Fundamental	8969 Interpret and use information from texts	Level 3	5	Registered
Fundamental	8970 Write texts for a range of communicative contexts	Level 3	5	Registered
Fundamental	8973 Use language and communication in occupational learning programmes	Level 3	5	Registered
Fundamental	9010 Demonstrate an understanding of the use of different number bases and measurement units and an awareness of error in the context of relevant calculations	Level 3	2	Registered
Fundamental	9011 Use mathematics to investigate and monitor the financial aspects of personal and business issues	Level 3	5	Registered
Fundamental	9012 Investigate life and work related problems using data and probabilities	Level 3	5	Registered
Fundamental	9013 Describe, apply, analyse and calculate shape and motion in 2-and 3-dimensional space in different contexts	Level 3	4	Registered



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

### UNIT STANDARD:

1

#### Apply environmental protection procedures

SAQA US ID	UNIT STANDARD TITLE		
115188	Apply environmental protection procedures		
SGB NAME		ABET BAND	PROVIDER NAME
SGB for Secondary Agriculture: Processing		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Secondary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 2	4

#### **Specific Outcomes:**

##### **SPECIFIC OUTCOME 1**

Demonstrate an understanding of statutory responsibilities as regards environmental protection.

##### **SPECIFIC OUTCOME 2**

Demonstrate an understanding of water, effluent, waste, solids, plastic, metal, glass and gas.

##### **SPECIFIC OUTCOME 3**

Demonstrate an understanding of recycling.

##### **SPECIFIC OUTCOME 4**

Demonstrate the handling and disposal of hazardous materials and packaging.

##### **SPECIFIC OUTCOME 5**

Recognise and report environmentally damaging practices.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

2

## Apply hygiene procedures

SAQA US ID	UNIT STANDARD TITLE		
115181	Apply hygiene procedures		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Secondary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 2	4

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Carry out personal hygiene requirements before and during shift.

**SPECIFIC OUTCOME 2**

Understand and apply correct sanitation procedures in the workplace.

**SPECIFIC OUTCOME 3**

Demonstrate an understanding of the factors affecting human consumption of food.

**SPECIFIC OUTCOME 4**

Recognise and report poor hygiene practices.

**SPECIFIC OUTCOME 5**

Maintain housekeeping standards in area of work.





## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

3

## Apply safety and health procedures

SAQA US ID	UNIT STANDARD TITLE		
115186	Apply safety and health procedures		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION	SUBFIELD DESCRIPTION		
Agriculture and Nature Conservation	Secondary Agriculture		
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 2	6

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Demonstrate an understanding of statutory rights, responsibilities and liability.

**SPECIFIC OUTCOME 2**

Demonstrate an understanding of safety indicators and emergency procedures in workplace.

**SPECIFIC OUTCOME 3**

Demonstrate safe working practices.

**SPECIFIC OUTCOME 4**

Recognise and report unsafe or hazardous conditions in work area.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

4

Demonstrate an understanding of the basic requirements of different fruit markets

SAQA US ID	UNIT STANDARD TITLE		
115190	Demonstrate an understanding of the basic requirements of different fruit markets		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION	SUBFIELD DESCRIPTION		
Agriculture and Nature Conservation	Secondary Agriculture		
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 2	5

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Explain the nature of fruit packing industry.

**SPECIFIC OUTCOME 2**

List the different markets for which fruit are packed.

**SPECIFIC OUTCOME 3**

Demonstrate an understanding of standards and specifications for packed fruit.

**SPECIFIC OUTCOME 4**

Identify factors that impact on marketing of products.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

5

Explain product characteristics

SAQA US ID	UNIT STANDARD TITLE		
115187	Explain product characteristics		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Secondary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 2	4

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Demonstrate a basic understanding of the growth cycle and harvesting of fruit.

**SPECIFIC OUTCOME 2**

Explain the basic nature of fruit types and varieties.

**SPECIFIC OUTCOME 3**

Identify fruit handling requirements according to fruit types and characteristics.

**SPECIFIC OUTCOME 4**

Demonstrate a basic understanding of fruit life spans and protocol.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:**

6

Explain the cold chain process

SAQA US ID	UNIT STANDARD TITLE		
115176	Explain the cold chain process		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Secondary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 2	4

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Demonstrate an understanding of the cold chain process.

**SPECIFIC OUTCOME 2**

Explain the necessity and methods of preserving the cold chain from picking.

**SPECIFIC OUTCOME 3**

Explain the effects of temperature on the storage and preservation of fruit.

**SPECIFIC OUTCOME 4**

Demonstrate an understanding of how to work in a controlled environment.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

7

## Grade fruit

SAQA US ID	UNIT STANDARD TITLE		
115193	Grade fruit		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Secondary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 2	5

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Prepare fruit grading process.

**SPECIFIC OUTCOME 2**

Grade fruit.

**SPECIFIC OUTCOME 3**

Complete grade fruit process.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

8

## Pack fruit

SAQA US ID	UNIT STANDARD TITLE		
115178	Pack fruit		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Secondary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 2	5

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Prepare packing process.

**SPECIFIC OUTCOME 2**

Pack fruit.

**SPECIFIC OUTCOME 3**

Complete pack process.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

9

## Palletise fruit

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
115179	Palletise fruit		
<b>SGB NAME</b>		<b>ABET BAND</b>	<b>PROVIDER NAME</b>
SGB for Secondary Agriculture: Processing		Undefined	
<b>FIELD DESCRIPTION</b>		<b>SUBFIELD DESCRIPTION</b>	
Agriculture and Nature Conservation		Secondary Agriculture	
<b>UNIT STANDARD CODE</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
AGR-SAG-0-SGB SAP	Regular	Level 2	4

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Prepare for palletising process.

**SPECIFIC OUTCOME 2**

Complete palletising fruit.

**SPECIFIC OUTCOME 3**

Complete palletising process.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

10

## Pre-sort fruit

SAQA US ID	UNIT STANDARD TITLE		
115177	Pre-sort fruit		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION	SUBFIELD DESCRIPTION		
Agriculture and Nature Conservation	Secondary Agriculture		
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 2	3

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Prepare for pre-sort process.

**SPECIFIC OUTCOME 2**

Pre-sort fruit.

**SPECIFIC OUTCOME 3**

Complete pre-sort process.





## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

11

## Dispatch final product

SAQA US ID	UNIT STANDARD TITLE		
115200	Dispatch final product		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Secondary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 3	8

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Prepare for dispatch process.

**SPECIFIC OUTCOME 2**

Dispatch final product.

**SPECIFIC OUTCOME 3**

Complete final product dispatch process.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

12

## Monitor fruit treatment process

SAQA US ID	UNIT STANDARD TITLE		
115195	Monitor fruit treatment process		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Secondary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 3	8

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Prepare for fruit treatment process.

**SPECIFIC OUTCOME 2**

Apply fruit treatment.

**SPECIFIC OUTCOME 3**

Complete fruit treatment process.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

13

## Operate carton assembly machinery

SAQA US ID	UNIT STANDARD TITLE		
115182	Operate carton assembly machinery		
SGB NAME		ABET BAND	PROVIDER NAME
SGB for Secondary Agriculture: Processing		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Secondary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 3	8

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Prepare to operate carton assembly machinery.

**SPECIFIC OUTCOME 2**

Operate carton assemble machinery.

**SPECIFIC OUTCOME 3**

Monitor carton assemble process.

**SPECIFIC OUTCOME 4**

Complete fruit sizing process.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

14

## Operate fruit packing line machine

SAQA US ID	UNIT STANDARD TITLE		
115202	Operate fruit packing line machine		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Secondary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 3	10

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Prepare to operate fruit packing machinery.

**SPECIFIC OUTCOME 2**

Operate fruit packing machinery.

**SPECIFIC OUTCOME 3**

Monitor fruit packing process.

**SPECIFIC OUTCOME 4**

Complete operate fruit packing machinery process.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

15

## Operate fruit sizing machine

SAQA US ID	UNIT STANDARD TITLE		
115180	Operate fruit sizing machine		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Secondary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 3	8

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Prepare to operate fruit sizing machinery.

**SPECIFIC OUTCOME 2**

Operate fruit sizing machinery.

**SPECIFIC OUTCOME 3**

Monitor fruit sizing process.

**SPECIFIC OUTCOME 4**

Complete fruit sizing process.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

16

## Perform quality tests on fruit

SAQA US ID	UNIT STANDARD TITLE		
115191	Perform quality tests on fruit		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Secondary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 3	8

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Prepare for test fruit process.

**SPECIFIC OUTCOME 2**

Perform test on fruit.

**SPECIFIC OUTCOME 3**

Complete test process.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

17

## Receive fruit

SAQA US ID	UNIT STANDARD TITLE		
115201	Receive fruit		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Agriculture and Nature Conservation		Secondary Agriculture	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 3	5

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Prepare for food receiving process.

**SPECIFIC OUTCOME 2**

Receive fruit.

**SPECIFIC OUTCOME 3**

Complete fruit receiving process.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

18

## Store fruit

SAQA US ID	UNIT STANDARD TITLE		
115197	Store fruit		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB for Secondary Agriculture: Processing	Undefined		
FIELD DESCRIPTION	SUBFIELD DESCRIPTION		
Agriculture and Nature Conservation	Secondary Agriculture		
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
AGR-SAG-0-SGB SAP	Regular	Level 3	8

**Specific Outcomes:****SPECIFIC OUTCOME 1**

Prepare for store process.

**SPECIFIC OUTCOME 2**

Store fruit.

**SPECIFIC OUTCOME 3**

Complete store process.