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

Control feedlot production unit

SAQA US ID	UNIT STANDARD TITLE			
116649	Control feedlot production unit			
ORIGINATOR		ORIGINATING PROVIDER		
SGB Primary Agriculture				
QUALITY ASSURING BODY				
-				
FIELD			SUBFIELD	
Field 01 - Agriculture and Nature Conservation			Primary Agriculture	
ABET BAND	UNIT STANDARD TYPE	PRE-2009 NQF LEVEL	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	NQF Level 04	32
REGISTRATION STATUS		REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Reregistered		2012-07-01	2015-06-30	SAQA 0695/12
LAST DATE FOR ENROLMENT		LAST DATE FOR ACHIEVEMENT		
2016-06-30		2019-06-30		

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

A learner who has achieved this unit standard will be competent in Controlling a feedlot production unit in such a manner that optimum production efficiency can be obtained. The scope of this unit standard deals with the livestock behaviour, health and production performance monitoring and pen maintenance of a production unit.

LEARNING ASSUMED TO BE IN PLACE AND RECOGNITION OF PRIOR LEARNING

To enter a learning programme for this unit standard or to be assessed against this unit standard, the learner is assumed to have:

- Literacy and communication skills at or equivalent to NQF level 3.
- Numeracy at NQF level 3.
- Basic Livestock knowledge.

UNIT STANDARD RANGE

Range statements are neither comprehensive nor necessarily appropriate to all contexts. Alternatives must however be comparable in scope and complexity. These are only as a general guide to scope and complexity of what is required.

Specific Outcomes and Assessment Criteria:

SPECIFIC OUTCOME 1

Oversee herd health and production.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Livestock behavior patterns between different breeds, genders, classes of stock and production stage according to norms are monitored.

ASSESSMENT CRITERION 2

Non performing livestock is identified and removed according to feedlot procedure.

ASSESSMENT CRITERION 3

Knowledge of production stage is applied to change diet fed to enhance production performance.

ASSESSMENT CRITERION RANGE

Diets include but are not limited to starter, grower, finisher and hospital diets.

ASSESSMENT CRITERION 4

Livestock health status is monitored according to set feedlot norms.

ASSESSMENT CRITERION 5

Optimal feed intakes are ensured.

ASSESSMENT CRITERION 6

Deviations are reported according to procedures.

ASSESSMENT CRITERION 7

The reasons for monitoring livestock behavior according to norms are explained.

ASSESSMENT CRITERION 8

The reasons for changing diets to enhance production performance are explained.

ASSESSMENT CRITERION 9

The reasons for ensuring optimal feed intakes are explained.

ASSESSMENT CRITERION 10

The consequences of not monitoring livestock health status are explained.

SPECIFIC OUTCOME 2

Evaluate production performance.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Livestock performance is routinely measured and compared against feedlot norms.

ASSESSMENT CRITERION 2

Marketing volumes and carcase mass are predicted according to market requirements.

ASSESSMENT CRITERION 3

Volumes deviations in production performance are reported according to procedure.

ASSESSMENT CRITERION RANGE

Production performance includes but is not limited to Average Daily Gains (ADG) Feed Conversion Ratios (FCR), Morbidity to Mortality Ratios, to Days on Feed (DOF).

ASSESSMENT CRITERION 4

The purpose of identifying and removing poor performers is explained.

ASSESSMENT CRITERION RANGE

Poor performers include but are not limited to runts, shy eaters, previously stressed or sick livestock.

ASSESSMENT CRITERION 5

The purpose of measuring performance routinely against norms is explained.

ASSESSMENT CRITERION 6

The consequences of not predicting marketing volumes against market requirements are explained.

SPECIFIC OUTCOME 3

Oversee pen maintenance programme.

ASSESSMENT CRITERIA**ASSESSMENT CRITERION 1**

Pen maintenance status and requirements are assessed.

ASSESSMENT CRITERION 2

Repairs are scheduled as and when required according to feedlot procedures.

ASSESSMENT CRITERION 3

Environmental protection programmes are controlled.

ASSESSMENT CRITERION 4

The consequences of not assessing pen maintenance status and repair needs are explained.

ASSESSMENT CRITERION 5

The purpose of controlling environmental protection programmes is explained.

SPECIFIC OUTCOME 4

Record livestock pen numbers and movements between pens.

ASSESSMENT CRITERIA**ASSESSMENT CRITERION 1**

Pen records are accurately maintaining according to procedure.

ASSESSMENT CRITERION 2

Records are updated with all movements in or out of pens according to procedure.

ASSESSMENT CRITERION 3

Numbers and movements are reporting according to feedlot procedure.

ASSESSMENT CRITERION 4

The consequences of not reporting production or health deviations are explained.

ASSESSMENT CRITERION 5

The consequences of not keeping accurate records of numbers and movements are explained.

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 the 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 are 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 or written evidence and cannot be assessed only by being observed.

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, 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, then 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.

- Anyone assessing a learner 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 or assessing this unit standard must be accredited as a provider with the relevant ETQA.
- 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

The person is able to demonstrate a working knowledge of:

- Basic knowledge of livestock behavior.
- Basic knowledge of livestock performance.
- Basic knowledge of environmental control criteria.
- Basic knowledge of livestock health.
- Basic knowledge of pen maintenance.

UNIT STANDARD DEVELOPMENTAL OUTCOME

N/A

UNIT STANDARD LINKAGES

N/A

Critical Cross-field Outcomes (CCFO):**UNIT STANDARD CCFO IDENTIFYING**

Problem solving relates to all specific outcomes.

UNIT STANDARD CCFO WORKING

Team work relates to all specific outcomes.

UNIT STANDARD CCFO ORGANISING

Self-organisation and management relates to all specific outcomes.

UNIT STANDARD CCFO COLLECTING

Information evaluation relates to all specific outcomes.

UNIT STANDARD CCFO COMMUNICATING

Communication relates to all specific outcomes.

UNIT STANDARD CCFO SCIENCE

Use of science and technology relates to all specific outcomes.

UNIT STANDARD CCFO DEMONSTRATING

Inter-relatedness of systems relates to all specific outcomes.

QUALIFICATIONS UTILISING THIS UNIT STANDARD:

	ID	QUALIFICATION TITLE	PRE-2009 NQF LEVEL	NQF LEVEL	STATUS	END DATE	QUALITY ASSURING BODY
Elective	48979	National Certificate: Animal Production	Level 4	Level TBA: Pre-2009 was L4	Reregistered	2015-06-30	AgriSETA
Elective	49011	National Diploma: Animal Production	Level 5	NQF Level 05	Reregistered	2015-06-30	AgriSETA