

Domain	ANIMAL HUSBANDRY	Unit ID:	1354
Title:	Demonstrate knowledge of basic anatomy and physiology of farm animals		
Level: 2			Credits: 2

Purpose

This unit standard specifies the competencies required to:

- Identify common ruminant and non-ruminant farm animals
- Identify, name and describe the functions of body parts and organs of farm animals.

This unit standard is intended for people working in agriculture and other occupations working with farm animals.

Special Notes

1. Entry information

Prerequisite:

- None

2. This unit standard is to be delivered and assessed in the context of agricultural operations and can be assessed in conjunction with other relevant technical unit standards.

3. The evidence required to demonstrate competency in this unit standard must be relevant to workplace operations.

4. Assessment evidence may be collected from a real workplace or an appropriate simulated environment in which agricultural operations are carried out.

5. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers' guidelines and instructions.

6. Glossary of terms

- '*Ruminants*' may include cattle, sheep, goats and antelopes.
- '*Non-Ruminants*' may include but are not limited to horses, donkeys, pigs, chicken and rabbits.

7. Regulations and legislation relevant to this unit standard includes but not limited to the following:

- Labour Act No. 11, 2007
- Regulations relating to the Health and Safety of employees at work, 1997
- Animal Health Act 2011
- Animal Protection Act of 1962
- Prevention of Undesirable Residue in Meat Act, 1991
- FANMeat standards for producers 2010
- Fertilisers, farm feeds and agriculture and stock remedies Act No. 46, 1998
- Biosafety Act No. 7 of 2006
- Standards Act, 2005, Standards Regulations: Standards Act, 2005 and relevant Namibian Standards as established

and all subsequent amendments to any of the above.

- All current sets of Good Agricultural Practices to which Namibia subscribes and that regulate agricultural products entering a country to which Namibian producers may export.

Quality Assurance Requirements

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority on www.namqa.org.na and the Namibia Training Authority on www.nta.com.na.

Elements and Performance Criteria

Element 1. Identify common ruminant and non-ruminant farm animals

Range

The purpose of farm animals may include but is not limited to production qualities such as meat, milk and eggs and other valuable by-products and for draught purposes, breeding and transport.

Performance Criteria

- 1.1 Farm animals are identified and classified into ruminants and non-ruminants and the difference is explained.
- 1.2 The purposes of farm animals are described.

Element 2. Identify, name and describe the functions of body parts and organs of farm animals

Range

Main body parts include but are not limited to external sensory organs and gross body parts such as head, thorax, abdomen and back, as relevant to the context of application.

Appendages include but are not limited to legs, horns, udders, tails, feet, hooves, claws, wings, beaks, as relevant to the context of application.

Internal organs or parts of the body include but are not limited to the metabolic, digestive and reproductive system, skeleton and musculature.

Abnormalities include but are not limited to breaks, deformities, scarring and damage.

Degeneration includes but is not limited to aging, loss of condition, wear and tear and reduced performance.

By-products may include but are not limited to skins, wool, horns and hooves as relevant to the context of application.

Performance Criteria

- 2.1 The main internal and external body parts and appendages of farm animals and their functions are identified and described.
- 2.2 The relationship of internal and external organs and body parts to either production of meat, eggs, milk and other by-products, or to performance as relevant to the context of application are identified and described.
- 2.3 The impact of abnormalities and degeneration on production and quality of products, by-products and services are identified and described.

Registration Data

Subfield:	Livestock
Date first registered:	25 November 2015
Date this version registered:	25 November 2015
Anticipated review:	2020
Body responsible for review:	Namibia Training Authority