

<b>Domain</b>	<b>ANIMAL HUSBANDRY</b>	<b>Unit ID:</b>	<b>1352</b>
<b>Title:</b>	<b>Conduct Livestock Identification</b>		
<b>Level: 2</b>			<b>Credits: 3</b>

### Purpose

This unit standard specifies the competencies required to:

- Prepare to identify animal
- Carry out identification procedure
- Complete identification procedure.

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

### Special Notes

1. Entry information

Prerequisite:

- *Unit 1357 - Handle farm animals*

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. Assessment of practical application to conduct livestock identification is demonstrated on at least two different animal species using two different identification methods, as relevant to this unit standard.

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

7. Glossary of terms

- '*Safety requirements*' may include but are not limited to safe systems and procedures for handling livestock, hazard and risk control, operating livestock handling equipment, safe use of hand tools and equipment, manual handling procedures, application and storage of hazardous substances, maintaining personal hygiene, outdoor work and the use of personal protective equipment.
- '*Hazards*' may include but are not limited to animal movement and handling, obstacles, veterinary chemicals, damaged infrastructure, solar radiation, slippery and uneven surfaces, electricity, sharp tools, unsafe and damaged equipment and machinery and loose clothing.
- '*Personal protective equipment (PPE)*' may include but is not limited to clothing and footwear that prevents feet crushing, skin abrasions and tangles in machinery, helmet,

gloves, protective eye wear, hearing protection, respirator, face mask and sun protection.

- '*Brand mark livestock*' includes but is not limited to using a hot iron to stamp to burn a distinctive symbol into the animal's skin
- '*Tag livestock*' includes but is not limited to attaching a plastic or metal plate or chip with a distinct letter, number or code to the ear or other parts of the animal
- '*Tattoo livestock*' means to create a permanent mark using indelible ink on specific parts of the animal
- '*Ear notch livestock*' means to perform a cut or mark in the ear of the livestock.

8. 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
- Stock Theft Act 1990
- Animal disease and parasite act No. 10 2005
- Biosafety Act No. 7 of 2006
- Standards Act, 2005, Standards Regulations: Standards Act, 2005 and relevant Namibian Standards as established
- Stock Brand act No. 24 of 1995

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](http://www.namqa.org.na) and the Namibia Training Authority on [www.nta.com.na](http://www.nta.com.na).

### **Elements and Performance Criteria**

#### **Element 1. Prepare to identify animal**

##### **Range**

Equipment and materials may include but not limited to branding iron, restraining ropes, crush pens, neck clamps, immobiliser, ear tags, ear tag applicators, ear notcher, tattooing equipment.

Suitable handling facilities may include but are not limited to crush pens, holding boxes in appropriate proximity to animals with weather protection for animals and people.

Supportive health treatments may include but not limited to disinfectants, vaccine, antiseptics, fly strike prevention preparations.

### **Performance Criteria**

- 1.1 Safety requirements are followed in accordance with safety plans and policies.
- 1.2 Hazards for animals and people are identified, risks assessed and risk controls are implemented according to workplace procedures.
- 1.3 Personal Protective Equipment (PPE) and clothing is selected, used and maintained according to safety requirements.
- 1.4 Suitable sites and facilities for identifying livestock are selected and prepared according to workplace procedure.
- 1.5 Equipment and materials for identifying livestock are selected and checked for operation and cleanliness according to manufacturer's specifications and workplace procedures.
- 1.6 Supportive health treatments are prepared according to manufacturer's specifications and workplace procedures.
- 1.7 Animal are selected for the identification procedure as instructed.

### **Element 2. Carry out identification procedure**

#### **Range**

Identification may include tagging, or brand marking, or tattooing or ear notching, depending on the type of farm animal to be identified and preferred system.

Restraining may include but is not limited to immobilising the animals using ropes, crush pens, neck clamps, fixed or portable yards.

### **Performance Criteria**

- 2.1 Animals are moved into handling facilities according to workplace procedures.
- 2.2 Animals are restrained according to regulations and workplace procedures.
- 2.3 Identification is carried out according to specification and workplace procedure for tagging, branding, tattooing or ear notching, using the prescribed tools, materials and drugs.
- 2.4 Identification marks and numbers are accurately recorded according to workplace procedures.

### **Element 3. Complete identification procedure**

#### **Range**

Post-procedural abnormalities include but are not limited to bleeding, infection, pain, fly strike lameness, limping and excessive swelling.

### **Performance Criteria**

- 3.1 Animals are returned to holding pens or paddocks for observation.
- 3.2 Equipment and facilities are cleaned, maintained and stored according to workplace procedures.
- 3.3 Animal residues and waste are disposed of according to regulations and workplace procedures.
- 3.4 Animals are monitored and reported for post procedural abnormalities.

### **Registration Data**

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