

## APPLY KNOWLEDGE OF NON RUMINANT LIVESTOCK PRODUCTION SYSTEMS

**UNIT CODE: 0811 441 17A**

**TVET CDACC UNIT CODE: HE/OS/AHP/CC/14/5/MA**

### UNIT DESCRIPTION

This unit specifies the competencies required by an animal health technician in order to apply knowledge of livestock production systems for non-ruminants. It involves managing non ruminants production systems, carrying out various routine practices on non-ruminants and determining the economic implications of keeping non ruminants.

### ELEMENTS AND PERFORMANCE CRITERIA

<b>ELEMENT</b> These describe the key outcomes which make up workplace function	<b>PERFORMANCE CRITERIA</b> These are assessable statements which specify the required level of performance for each of the elements <i>(Bold and italicized terms are elaborated in the range)</i>
1. Manage non ruminant production systems	1.1 <b>Non ruminant production systems</b> are managed as per livestock production manual. 1.2 Non ruminant structures are managed as per the livestock production manual. 1.3 Non ruminant production systems knowledge in animal health is applied as per livestock production manual.
2. Carry out routine non ruminant practices	2.1 Non ruminants are fed as per livestock production manual. 2.2 Non ruminants health practices are managed as per work procedure 2.3 <b>Non ruminant records</b> are documented as per livestock production manual
3. Determine economic implications of ruminant keeping	3.1 Non ruminant production opportunities in Kenya are applied as per work requirement 3.2 Non ruminant production constraints are managed as per

	work requirement 3.3 Non ruminant roles in the economy knowledge is applied as per work requirement.
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### **RANGE**

This section provides work environment and conditions to which the performance criteria apply. It allows for different work environment and situations that will affect performance.

<b>Variable</b>	<b>Range</b>
1.Non ruminants may include but are not limited to:	<ul style="list-style-type: none"> <li>● Poultry</li> <li>● Pigs</li> <li>● Rabbits</li> <li>● Donkeys</li> <li>● Cats</li> <li>● Dogs</li> </ul>
2.Non ruminants records may include but are not limited to:	<ul style="list-style-type: none"> <li>● Breeding records</li> <li>● Feeding records</li> <li>● Health records</li> <li>● Production records</li> </ul>
3.Non ruminant production system may include but are not limited to:	<ul style="list-style-type: none"> <li>● Intensive</li> <li>● Extensive</li> </ul>

### **REQUIRED KNOWLEDGE AND SKILLS**

This section describes the knowledge and skills required for this unit of competency.

#### **Required skills**

The individual needs to demonstrate the following skills:

- Communication skills
- Computer skills
- Data handling
- Animal husbandry

- Animal handling

**Required knowledge**

The individual needs to demonstrate knowledge of:

- Traits of economic importance
- Animal health
- Animal behaviour
- Animal anatomy and physiology
- Animal registration procedure
- Environment protection laws and regulations
- Waste management and disposal methods
- Farm structures

**EVIDENCE GUIDE**

This provides advice on assessment and must be read in conjunction with the performance criteria, required knowledge and skills range.

<p>1. Critical aspects of competency</p>	<p>Assessment requires evidence that the candidate:</p> <p>1.1 Managed non ruminant production systems as per livestock production manual.</p> <p>1.2 Managed non ruminant structures as per the livestock production manual.</p> <p>1.3 Applied non ruminant production systems knowledge in animal health as per livestock production manual.</p> <p>1.4 Fed non ruminants as per livestock production manual.</p> <p>1.5 Managed non ruminants health practices as per work procedure</p> <p>1.6 Documented non ruminant records as per livestock production manual</p>
<p>2. Resource implications</p>	<p>The following resources must be provided:</p> <p>2.1 Appropriately simulated environment where assessment can take place</p> <p>2.2 Access to relevant work environment</p> <p>2.3 Resources relevant to the proposed activities or tasks</p>

3. Methods of assessment	Competency may be assessed through: <ul style="list-style-type: none"><li>● Practical</li><li>● Project</li><li>● Written tests</li><li>● Third party report</li><li>● Portfolio of evidence</li><li>● Oral questions</li></ul>
5. Context of assessment	Competency may be assessed in a: Workplace or simulated workplace
6. Guidance information for assessment	Holistic assessment with other units relevant to the industry sector and workplace job role is recommended.