

CONDUCT HERD HEALTH MANAGEMENT

UNIT CODE: 0841 551 42A

TVET CDACC UNIT CODE: HE/OS/AHP/CR/07/6/MA

UNIT DESCRIPTION:

This unit specifies the competencies required by animal health technologist to conduct herd health management. It involves managing reproductive performance, carrying out disease surveillance and carrying out veterinary first aid

ELEMENTS AND PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
1. Manage reproductive performance	1.1 Tools and equipment are assembled as per work requirement 1.2 PPEs are donned as per work requirement 1.3 Livestock is classified based on reproductive parameters. 1.4 Livestock infertility is managed as per VMD guidelines.
2. Carry out disease surveillance	2.1 Tools and equipment are assembled as per work requirement 2.2 PPEs are donned as per work requirement 2.3 Disease surveillance is carried out as per work requirement. 2.4 Bio security measures are applied and maintained as per work requirement.
3. Carry out veterinary first Aid	3.1 Livestock emergency condition is identified. 3.2 Tools and equipment are assembled as per work requirement 3.3 PPEs are donned as per work requirement 3.4 Veterinary first aid is carried out as per work requirement.

RANGE

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

Variable	Range
1. Tools and equipment include but not limited to	● Thermometer ● Stethoscope ● Vaginal speculum ● Burdizzo
2. PPEs include but not limited to	● Overall ● Gumboot ● Apron ● Arm sleeved gloves
3. Biosecurity measures include but not limited to	● Quarantine ● Isolation ● Test and slaughter ● Disinfection ● Incineration
4. Livestock emergency condition include but not limited to:	● Choke ● Bloat ● Hemorrhage ● Shock ● Dystocia ● Fracture ● Burns ● Poisoning ● Wounds

REQUIRED SKILLS AND KNOWLEDGE

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

Required skills

The individual needs to demonstrate the following skills:

- Communication skills
- Training skills
- Data handling
- Computer skills
- Animal handling

- Critical thinking

Required knowledge

The individual needs to demonstrate knowledge of:

- Disease control
- Parasitology
- Animal diseases
- Waste management and disposal methods

EVIDENCE GUIDE

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

1. Critical Aspects of Competency	Assessment requires evidence that the candidate: 1.1 Assembled tools and equipment as per work requirement 1.2 Donned PPEs as per work requirement 1.3 Classified livestock based on reproductive parameters. 1.4 Managed livestock infertility as per VMD guidelines 1.5 Applied and maintained biosecurity measures as per work requirement. 1.6 Identified livestock emergency condition 1.7 Carried out veterinary first aid as per work requirement.
2. Resource Implications	The following resources must be provided: 2.1 Appropriately simulated environment where assessment can take place 2.2 Access to relevant work environment 2.3 Resources relevant to the proposed activities or tasks
3. Methods of Assessment	Competency may be assessed through: 3.1 Observation 3.2 Oral questioning 3.3 Written test 3.4 Practical tests
4. Context of Assessment	Competency may be assessed in a: Workplace or simulated workplace.
5. Guidance	Holistic assessment with other units relevant to the industry

information for assessment	sector, workplace and job roles is recommended.
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