

ANIMAL ROUTINE PRACTICES

ISCED UNIT CODE: 0841 551 41A

TVET CDACC UNIT CODE: HE/CU/AHP/CR/06/6/MA

Relationship to Occupational Standards

This unit addresses the Unit of Competency: Perform livestock routine practices.

UNIT DURATION: 110 hours

Unit Description:

This unit specifies the competencies required by animal health and production technologist to be able to perform livestock routine practices. It involves carrying out animal feeding, milking and maintaining farm hygiene.

Summary of Learning Outcomes

By the end of this unit, the learner should be able to:

S/No	Learning Outcomes	Duration (Hours)
1.	Carry out animal feeding	40
2.	Carry out animal milking	40
3.	Maintain farm hygiene	30
Total		110

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Methods of assessment
1. Carry out animal feeding	1.1. Introduction to animal feeding. 1.2. Identification of animals to be fed. 1.3. PPEs for animal feeding 1.3.1. Apron 1.3.2. Overall 1.3.3. Gloves 1.3.4. Gumboots	<ul style="list-style-type: none">● Practical● Project● Portfolio of evidence● Third party report● Written assessment● Oral questioning

	<p>1.3.5. Face mask</p> <p>1.4. Tools and equipment</p> <p>1.4.1. Disinfectants</p> <p>1.4.2. Cleaning brushes</p> <p>1.4.3. Cleaning towel</p> <p>1.5. Animal feeding</p> <p>1.5.1. Steaming up</p> <p>1.5.2. Flushing</p> <p>1.5.3. Challenge feeding</p> <p>1.6 animal housing</p>	
2. Carry out animal milking	<p>2.1. Introduction to animal milking.</p> <p>2.2. Identification of animals to be milked.</p> <p>2.2.1. Animal milking</p> <p>2.2.2. Milking methods</p> <p>2.2.3. Milking machine</p> <p>2.2.4. Hand milking</p> <p>2.3. Milking tools and equipment</p> <p>2.3.1. Milking buckets</p> <p>2.3.2. Milking salve</p> <p>2.3.3. Teat dips</p> <p>2.3.4. CMT kit</p> <p>2.4. Pre-milking activities</p> <p>2.5. Mastitis testing</p> <p>2.6. Post milking activities</p>	<ul style="list-style-type: none"> ● Practical ● Project ● Portfolio of evidence ● Third party report ● Written assessment ● Oral questioning
3. Maintain farm hygiene	<p>3.1. Introduction to farm hygiene.</p> <p>3.2. Farm structure and equipment</p> <p>3.2.1. Milking parlor</p> <p>3.2.2. Calf pen</p> <p>3.2.3. Milking machine</p> <p>3.2.4. Milk churns</p> <p>3.2.5. Buckets</p>	<ul style="list-style-type: none"> ● Practical ● Project ● Portfolio of evidence ● Third party report ● Written assessment ● Oral questioning

	3.2.6. Strip cup 3.3.Cleaning and Disinfection of veterinary equipment 3.4.Storage of disinfectants and other chemicals	
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Suggested Methods of delivery

- Practical
- Projects
- Demonstrations
- Group discussion
- Direct instructions

Recommended Resources for 25 trainees

S/No.	Category/Item	Description/S pecification	Quantity	Recommended Ratio (Item: Trainee)
1.	Learning materials			
2.	Projector		1	1:25
3.	Whiteboard/Smart board		1	1:25
4.	Desktop/computer		1	1:25
5.	Lecture/Theory room		1	1:25
6.	Demonstration farm		1	1:25
7.	Library		1	1:25
8.	E-Library		1	1:25
9.	Teat dips-5		25	1:1
10.	CMT KIT-5		5	1:5
11.	Cleaning brushes-5		5	1:5
12.	Cleaning towel		5	1:5
13.	Milking parlor		1	1:25
14.	Calf pen		1	1:25

15.	Milk churns		5	1:5
16.	Strip cup-5		5	1:5
17.	Teat dips-5		5	1:5
18.	CMT KIT-5		5	1:5