

081105T4DAF

DAIRY FARM MANAGEMENT LEVEL 5

DA/OS/FM/CR/01/5

Develop Dairy Farm Structures

July/August 2025



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

PRACTICAL ASSESSMENT

INSTRUCTIONS TO ASSESSOR

1. Assess the candidate as the practical progresses observing the critical areas
2. You are required to mark the practical as the candidate perform the tasks
3. You are required to take video clips at critical points
4. Ensure the candidate has a name tag and registration code at the back and front

OBSERVATION CHECKLIST

Candidate's name & Registration Code			
Assessor's name & Registration Code			
Venue of Assessment			
Date of assessment			
Items to be evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks available	Marks obtained	Comments
TASK: CONSTRUCT A MOVABLE WOODEN DAIRY CATTLE FEEDING TROUGH			
1. Wore appropriate PPEs • Overall • Gumboots • Hand gloves • Goggles <i>(Award 1 mark for each PPEs donned)</i>	4		
2. Assembled the right; • Tools • Materials • Equipment <i>(Award 1 mark for each class)</i>	3		
3. Planned and designed the trough by doing a sketch with the following properties; • Rectangular in shape • 2.4m long • 0.5m wide • 0.4m deep <i>(Award 1 mark for each property)</i>	4		

4. Measured and marked the wood pieces according to the dimensions; • Measuring tape • Square • Marked (2.4m, 0.5m and 0.4m) <i>(Award 1 mark for each item)</i>	3		
5. Cut timber into the following; • 2 long side planks (2.4m x 0.4m) • 2 short side planks (0.5m x 0.4m) • Base plank (2.4m x 0.5m) • 4 legs (each about 0.6m high) <i>(Award 1 mark for each piece cut into the right measurement)</i>	9		
6. Assembled the frame into a rectangle using; • long and short side planks • nails and wood glue to join the corners. • a square to maintain right angles. <i>(Award 1 mark for each parameter)</i>	3		
7. Attached the base plank under the frame using nails <i>(Award 1 mark or zero)</i>	1		
8. Fixed legs at each corner securely using nails <i>(Award 1 mark for each leg fixed)</i>	4		
9. Used a spirit level to ensure the trough stands evenly. <i>(Award 1 mark or zero)</i>	1		
10. Sand all the eight exposed rough edges using a sand paper to avoid injury to animals and handler	8		

<i>(Award 1 mark for each edge)</i>			
11. Applied wood preservative or paint for durability <i>(Award 1 mark or zero)</i>	1		
12. Labelled the trough for identification to show; • Structure name (Feeding Trough) • Group bearing registration numbers of all the candidates • Trough dimensions <i>(Award 1 mark for each piece of information)</i>	3		
13. Cleared and cleaned the working area; • Unused materials • Tools • Equipment <i>(Award 3 marks for the three or zero)</i>	3		
14. Properly disposed of wastes including; • Pieces of wood • Containers • Used brushes <i>(Award 3 marks for the three or zero)</i>	3		
Total	50		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ Not yet competent ☐ <i>(Please tick as appropriate)</i> <i>(The candidate is competent if the candidate obtains at least 50%)</i>			
Feedback from candidate:			

Feedback to candidate:	
Candidate's Signature	Date
_____	_____
Assessor's Signature	Date
_____	_____