

## DEVELOPMENT OF DAIRY FARM STRUCTURES

**UNIT CODE:** 0732 341 05A

**TVETCDACC UNIT CODE:** DA/CU/FM/CR/01/4/MA

### Relationship to Occupational Standards

This unit addresses the Unit of Competency: Develop Dairy Farm Structures

**Duration of Unit:**50 hours

### Unit Description

This unit specifies the competencies required to develop dairy farm structures. It involves preparing to develop dairy farm structures, develop dairy farm structures, evaluate construction of dairy farm structures and complete dairy farm structures construction

### Summary of Learning Outcomes

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

S/No	Learning Outcomes	Duration (Hours)
1.	Prepare to develop dairy farm structures	10
2.	Develop dairy farm structures	20
3.	Evaluate construction of dairy farm structures	10
4	Complete dairy farm structures construction	10
<b>Total</b>		<b>50</b>

### Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Prepare to develop dairy farm structures	1.1. Types of dairy enterprises 1.1.1. Pastoral 1.1.2. Peri urban 1.2. Site layout 1.2.1.Bush clearing	<ul style="list-style-type: none"><li>• Written tests</li><li>• Observation</li><li>• Oral questions</li><li>• Third party report</li><li>• Interviewing</li></ul>

	1.2.2.Levelling  1.3.selection of tools &equipment 1.4.selection of construction material & supplies 1.5.Occupational Safety and Health standards. 1.6.Environmental protection measures	
2. Develop dairy farm structures	2.1.Types of dairy farm structures 2.1.1.Barn 2.1.2.Milk storage room 2.1.3.Farm offices 2.1.4.Farm store 2.2.Types of foundations 2.2.1.Shallow foundations. 2.2.2.Deep foundations. 2.2.3. Mixing ratios of mortar 2.3.Types of roofs 2.3.1.Pitched roof 2.3.2.Flat roof	<ul style="list-style-type: none"> <li>• Observation</li> <li>• Written tests</li> <li>• Oral questions</li> <li>• Interviewing</li> </ul>
3. Evaluate construction of dairy farm structures	3.1.Structure monitoring, and repair 3.2.Maintain farm structure hygiene	<ul style="list-style-type: none"> <li>• Observation</li> <li>• Written tests</li> <li>• Oral questions</li> <li>• Interviewing</li> </ul>
4. Complete dairy farm structures construction	4.1.Type of materials 4.2. Waste management	<ul style="list-style-type: none"> <li>• Observation</li> <li>• Written tests</li> <li>• Oral questions</li> <li>• Interviewing</li> </ul>

### Suggested Methods of Instruction

- Demonstration by trainer
- Field trips
- Discussions
- Direct instruction
- Project

### Recommended Resources

Functional dairy farm with the following:		
<ul style="list-style-type: none"> <li>• Tractors</li> <li>• Trailer</li> <li>• Slashers</li> <li>• Crowbar</li> <li>• Hammer</li> <li>• Nails</li> <li>• Saw</li> </ul>	<ul style="list-style-type: none"> <li>• Barbed/chain link Poles</li> <li>• Stones</li> <li>• Sand</li> <li>• Cement</li> <li>• Ballast</li> <li>• Tape measures</li> </ul>	<ul style="list-style-type: none"> <li>• Metal bars</li> <li>• Land</li> <li>• Live fence planting materials</li> <li>• Hoe</li> <li>• HACCP plan</li> </ul>

easyvet.com