

Level 2 Demonstrate knowledge of design, Credits 2 layout and effluent system

Purpose

This unit standard is for people who work or intend to work in the dairy farming sector and or as dairy farmers.

People credited with this unit standard are able to:

- Demonstate knowledge of dairy farm design features, layout and components
- Demonstrate knowledge of the dairy farm effluent system

Special notes

1. General Information

- i. Assessment of this unit standard must be based on real life context. It must not be simulated.

2. Legislation and references

- i. Code of hygienic practice for milk and milk products.
- ii. Environmental policy 2005

Quality assurance requirements

BOTA has established a system for moderating the assessment of candidates against this standard. Assessors of this standard must comply with the requirements of that system. For details contact BOTA (**attention** Assessment and Moderation Division).

Elements and Performance Criteria

Element 1 Demonstrate knowledge of dairy farm design features, layout and components

Performance criteria

- 1.1. The components of dairy farm are described in terms of their design features. The design features include but are not limited to tanker loop, entry and exit races, yard layout, bail areas, animal movement areas, location of milking plant, milk storage area, animalshed, calf pens and feed storage facilities and homestead.
- 1.2. Dairy farms are described in terms of their advantages and disadvantages for operators and animals. These are not limited to the milking parlour system; These are not limited to: herringbone, rotary and tandem.

Element 2 Demonstrate knowledge of the dairy farm effluent system

Performance criteria

- 2.1. The dairy farm effluent system is described in terms of the components. The components include but are not limited to components for collection, storage, treatment and disposal.
- 2.2. The dairy farm effluent system is described in terms of key maintenance tasks and associated requirements under the environmental impact assessment policy 2005. Maintenance tasks include but are not limited to shifting irrigators, disposal of effluent from storage, weed control, sediment control, cleaning stone traps and gratings and flushing lines. Evidence is required for at least two maintenance tasks.

Comments on this standard

Please contact the Botswana Training Authority attention Training Standards Division ustand@bota.org.bw for comments and questions on the content of this unit standard.

Please note

Training institutions and Assessment Centres must be accredited by the Botswana Training Authority for the domain and level of this unit standard before they can register credits for assessment of this unit standard.

Accredited Training institutions and assessment centres assessing against this unit standards must engage with the moderation system that applies to this unit standard.

Registration Data

FIELD	Code A
	Name AGRICULTURE
Subfield	Code AG
	Name Dairy Farming
Domain	Code AG04
	Name Farm Structure
Unit Standard ID Code	0011101F
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Body responsible for review	Code TF0033
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