

Title	Describe farm dairy design and the farm dairy effluent system		
Level	2	Credits	2

Purpose	<p>This unit standard is for people working, or intending to work, in the dairy farming industry.</p> <p>People credited with this unit standard are able to describe farm dairy design and the farm dairy effluent system.</p>
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Classification	Agriculture > Dairy Farming
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Available grade	Achieved
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Guidance Information

All evidence presented in this unit standard must be in accordance with:

- Health and Safety at Work Act 2015;
- Resource Management Act 1991.

Outcomes and performance criteria

Outcome 1

Describe farm dairy design features, layout, and components.

Performance criteria

1.1 Describe the components of farm dairies in terms of their design features.

Range tanker loop, entry and exit races, yard layout, bail areas, animal movement areas, location of milking plant, milk storage area.

1.2 Describe farm dairies in terms of their advantages and disadvantages for operators and animals.

Range herringbone, rotary;
evidence is required of at least two advantages and disadvantage for each dairy design.

1.3 Describe milk plant components and functions.

Range components – vacuum pump, teat cups, milk and vacuum tubes, milk line, air line, receiver, sanitary trap, milk filter, cooler, delivery line, refrigeration unit, regulator, silo or bulk milk tank, milk pump.

Outcome 2

Describe the farm dairy effluent system.

Performance criteria

- 2.1 Describe the farm dairy effluent system in terms of the components.
- 2.2 Describe the farm dairy effluent system in terms of key maintenance tasks, and associated requirements under the Resource Management Act 1991.

Range may include but is not limited to – shifting irrigators, disposal of effluent from storage, weed control, sediment control, cleaning stone traps and gratings, flushing lines; evidence is required for at least two maintenance tasks.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 April 2001	31 December 2020
Review	2	25 June 2002	31 December 2020
Review	3	20 May 2008	31 December 2020
Review	4	28 February 2019	N/A

Consent and Moderation Requirements (CMR) reference	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.