

<b>Title</b>	<b>Apply knowledge of the operation of a farm dairy to milk harvesting</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	This unit standard is intended for people who are working as milk harvester on a dairy farm, and recognises the knowledge and skills required to demonstrate the operation of farm dairy equipment, and understand a milking plant.
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<b>Classification</b>	Agriculture > Dairy Farming
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation relevant to this unit standard includes, but is not limited to – Health and Safety in Employment Act 1992, Animal Welfare Act 1999, and their subsequent amendments.
- 2 Performance of all aspects of this unit standard should comply with the Ministry of Primary Industries codes of welfare for dairy livestock, and their subsequent amendments available at <http://www.mpi.govt.nz>.
- 3 Examples of farm dairy equipment include, but are not limited to – teat sprayers, drenching systems, electronic identification, yard washers.
- 4 A *milking plant* is defined as the components involved in the milking process, between cluster and bulk milk tank.
- 5 Industry guidelines are available at <http://www.dairynz.co.nz/milking/in-the-dairy/>.
- 6 Demonstration of understanding may be assessed in a number of ways, which could include ability to complete practical tasks, if it is clear that the understanding is essential underpinning knowledge to the task/s, and that the task/s could not be completed without the candidate having that knowledge.
- 7 In the context of this unit standard, *understanding* means that there should be evidence of a learners' thorough comprehension of a topic. A learner with a good understanding of a topic should have applied, or should be able to apply what they have learnt to a workplace situation and will be able to alter their practices to the different contexts they are applying their learning to. Assessors should be confident that the learners' understanding is embedded in their practices and behaviour.

## Outcomes and performance criteria

### Outcome 1

Operate farm dairy equipment.

#### Performance criteria

1.1 Identifies farm dairy equipment and demonstrates their application as part of a milking routine.

Range evidence is required for at least two items of equipment.

### Outcome 2

Demonstrate understanding of a milking plant operation.

#### Performance criteria

2.1 Identifies key components of a milking plant and describes their function.

2.2 Describes the correct operation parameters of a milking plant according to industry guidelines.

Range vacuum levels, pulsation.

2.3 Describes the recommended replacement cycle of milking inflations according to industry guidelines.

<b>Replacement information</b>	This unit standard, unit standard 24549, and unit standard 28938 were replaced by unit standard 32011.
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**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 May 2008	31 December 2022
Review	2	16 July 2015	31 December 2022
Review	3	27 February 2020	31 December 2022

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