

Title	Prepare for, and carry out artificial insemination of cows as an industry technician		
Level	4	Credits	42

Purpose	<p>This unit standard is intended for people carrying out artificial insemination in the dairy industry as an industry technician.</p> <p>People credited with this unit standard are able to: schedule farm visits, prepare and transport equipment, and conduct self in a professional manner while on farm; prepare cows and equipment for artificial insemination; artificially inseminate cows to a commercial level; and attend to procedures following artificial insemination, and complete records.</p>
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Classification	Agriculture > Dairy Farming
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Available grade	Achieved
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Guidance Information

- 1 All evidence presented in this unit standard must be in accordance with:
 - Organisational standards and procedures.
- 2 Legislation relevant to this unit standard includes but is not limited to:
 - Animal Welfare Act 1999;
 - Animal Welfare (Records and Statistics) Regulations 2018;
 - Animal Products Act 1999;
 - Biosecurity Act 2015;
 - Health and Safety at Work Act 2015;
 - and any subsequent amendments.
- 3 Definitions

A commercial level requires a specified throughput rate and level of accuracy as specified in organisational standards and procedures.

Organisational standards and procedures refer to the documented training policies and procedures for animal handling and insemination, which must be approved by an approved Animal Ethics Advisory Committee (AEAC).
- 4 The Animal Welfare (Records and Statistics) Regulations 2018 require that any institution, organisation or individual who uses live animals for the purpose of research, testing and teaching, must have an approved Code of Ethical Conduct relating to the welfare and humane treatment of the animals involved. For information relating to approval for a Code of Ethical Conduct, contact The Secretary of the National Animal Ethics Advisory Committee (NAEAC) at email naeac@mpi.govt.nz.

Outcomes and performance criteria

Outcome 1

Schedule farm visits, prepare and transport equipment, and conduct self in a professional manner while on farm.

Performance criteria

- 1.1 Schedule and record arrangements for farm visits in accordance with availability of farmer and self, and requirements of other clients.
- 1.2 Store, handle, and transport equipment sufficient for daily requirements.
- Range includes but is not limited to – semen, insemination equipment, recording documents.
- 1.3 Maintain personal presentation, behaviour, safety, and hygiene while on farm.

Outcome 2

Prepare cows and equipment for artificial insemination.

Performance criteria

- 2.1 Lay out equipment.
- 2.2 Check and record cows presented.
- Range number of cows, cow identification, bull identification, batch identification.
- 2.3 Load semen straws into inseminator in accordance with type of semen, and without affecting viability of semen.
- Range fresh, frozen.
- 2.4 Handle and transport liquid nitrogen and liquid nitrogen banks in accordance with manufacturer's instructions.

Outcome 3

Artificially inseminate cows to a commercial level.

Performance criteria

- 3.1 Clean the vulva area.
- 3.2 Carry out the insemination procedure to a commercial level.

Outcome 4

Attend to procedures following artificial insemination, and complete records.

Performance criteria

- 4.1 Discard disposable equipment after use.
- 4.2 Clean re-useable equipment.
- 4.3 Complete records.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 December 1996	31 December 2019
Review	2	27 April 2000	31 December 2019
Review	3	30 March 2006	31 December 2019
Review	4	19 June 2009	31 December 2019
Review	5	26 July 2018	31 December 2020
Review	6	24 October 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.