

<b>Title</b>	<b>Describe animal facility environmental hygiene and carry out hygienic practices</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to, in the context of an animal facility: describe micro-organisms in the environment and their control; describe the efficacy of disinfection, cleaning products, and disinfectants; and carry out hygienic practices.
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<b>Classification</b>	Animal Care and Handling > Animal Care
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<b>Available grade</b>	Achieved
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## Guidance Information

1 Legislation, standards, and codes relevant to this unit standard include but are not limited to:

- Animal Welfare Act 1999;
- Hazardous Substances and New Organisms Act 1996;
- Health and Safety at Work Act 2015;
- Resource Management Act 1991;
- New Zealand Standard NZS 4304:2002 *Management of Healthcare Waste*, available at <https://www.standards.govt.nz/shop/nzs-43042002/>;
- Relevant New Zealand Veterinary Association (NZVA) standards, available at <https://www.nzva.org.nz/>;
- Relevant National Animal Welfare Advisory Committee (NAWAC) Codes of Welfare, available at [www.mpi.govt.nz](http://www.mpi.govt.nz), under Animal Welfare;
- Relevant National Animal Ethics Advisory Committee (NAEAC) guidelines at [www.mpi.govt.nz](http://www.mpi.govt.nz) under Animal Welfare; and any subsequent amendments.

2 Definitions

An *animal facility* refers to a facility such as an animal boarding facility, a veterinary clinic, a pet shop, or an animal welfare facility.

*Workplace procedures* refer to the documented procedures for animal care, handling, and ethical behaviour codes required by the employer of the animal facility and must be consistent with equipment manufacturer's recommendations.

3 For the purposes of assessment

- evidence for the practical components of this unit standard must be supplied from an animal facility or other commercial organisation.
- evidence must be presented in accordance with workplace procedures.

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## Outcomes and performance criteria

### Outcome 1

Describe micro-organisms in the environment and their control in an animal facility.

#### Performance criteria

- 1.1 Describe the structure of micro-organisms in the environment.  
Range virus, bacteria, fungi, protozoa.
- 1.2 Describe the methods of transmission of micro-organisms in the environment.  
Range includes but is not limited to – aerosol, direct contact, fomites.
- 1.3 Describe environmental factors affecting viability of micro-organisms on disease transmission.  
Range includes but is not limited to – humidity, temperature, ventilation, ultraviolet exposure, presence of organic debris, drainage.
- 1.4 Describe methods of controlling micro-organisms in an animal facility.  
Range sterilisation, disinfection, antisepsis, isolation of animal.

### Outcome 2

Describe the efficacy of disinfection, cleaning products, and disinfectants used in an animal facility.

#### Performance criteria

- 2.1 Describe methods for removal of gross organic debris on efficacy of disinfection.
- 2.2 Describe suitable cleaning products for removal of organic debris, and how they are used.
- 2.3 Describe disinfectants suitable for removal of micro-organisms.  
Range disinfectants for removal of – virus, bacteria, fungi, protozoa.
- 2.4 Describe methods of use and efficacy for disinfectants.  
Range dilution, air temperature, contact time, application equipment.

### Outcome 3

Carry out hygienic practices in an animal facility.

**Performance criteria**

- 3.1 Select and use personal hygiene practices, and cleaning and disinfecting methods.
- 3.2 Wear protective clothing.
- 3.3 Physically remove organic debris from surfaces as it occurs.
- 3.4 Disinfect the area.
- 3.5 Dispose of waste.

<b>Planned review date</b>	31 December 2026
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	26 July 2005	31 December 2019
Revision	2	25 June 2007	31 December 2019
Review	3	1 November 2018	31 December 2022
Review	4	26 August 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0228
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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 ITO [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.