

<b>Title</b>	<b>Describe poultry biosecurity principles in a poultry production operation</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>This unit standard is for people working in a poultry production context.</p> <p>People credited with this unit standard are able to describe: biosecurity and the disease process; potential sources of pathogens and their methods of transmission to poultry operations; and biosecurity rules and procedures, and the possible outcomes of biosecurity breakdown.</p>
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<b>Classification</b>	Poultry Production > Poultry Husbandry
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<b>Available grade</b>	Achieved
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### Guidance Information

- Legislation relevant to this unit standard includes but is not limited to:
  - Animal Welfare Act 1999;
  - Health and Safety at Work Act 2015;
  - Animal Welfare (Care and Procedures) Regulations 2018;
  - Code of Welfare: Layer Hens 2018;
  - Code of Welfare: Meat Chickens 2018;
  - Code of Welfare: Transport within New Zealand 2018;
  - and any subsequent amendments.
- Definition  
*Workplace procedures* refer to the documented procedures for workplace practices and safety and must meet the requirements equipment manufacturer's guidelines, current legislation, and codes of welfare.
- All evidence presented in this unit standard must be in accordance with workplace procedures.

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### Outcomes and performance criteria

#### Outcome 1

Describe biosecurity and the disease process.

**Performance criteria**

1.1 Describe pathogens in terms of their spread and mode of action.

Range bacteria, virus, mould, fungi, parasites.

1.2 Describe biosecurity in terms of the methods for minimising the risk of pathogen introduction.

Range quarantine, isolation, vaccination, health monitoring.

1.3 Describe the disease process in relation to the role of pathogens.

**Outcome 2**

Describe potential sources of pathogens and their methods of transmission to poultry operations.

Range sources includes but are not limited to – rodents, insects, wild poultry, people, vehicles, facilities and equipment, water, dust, waste.

**Performance criteria**

2.1 Describe pathogens in terms of their potential sources outside the poultry operation.

2.2 Describe pathogens in terms of their methods of transmission to poultry operations.

**Outcome 3**

Describe biosecurity rules and procedures, and the possible outcomes of biosecurity breakdown.

**Performance criteria**

3.1 Describe in house biosecurity rules and procedures.

3.2 Describe the potential outcomes of biosecurity failure in terms of the consequences for the operation.

Range flock disease, threat to public health, flock destruction, loss of production and sales.

3.3 Describe the consequences of failure to observe in house biosecurity rules or carry out in house biosecurity procedures.

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<b>Planned review date</b>	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	15 December 2000	31 December 2020
Revision	2	14 February 2005	31 December 2020
Review	3	22 August 2008	31 December 2020
Review	4	28 February 2019	N/A
Rollover and Revision	5	15 December 2022	N/A

**Consent and Moderation Requirements (CMR) reference**

0052

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact the Muka Tangata – People, Food and Fibre Workforce Development Council [qualifications@mukatangata.nz](mailto:qualifications@mukatangata.nz) if you wish to suggest changes to the content of this unit standard.