

Title	Destroy vertebrate pests by fumigation for pest management		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to: demonstrate knowledge of fumigation and fumigant applicators for vertebrate pest management; prepare to fumigate to destroy vertebrate pests; handle fumigants; and apply fumigants to destroy vertebrate pests.
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Classification	Compliance and Law Enforcement > Compliance and Regulatory Control
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to: Biosecurity Act 1993, Local Government Act 1974, Local Government Act 2002, Resource Management Act 1991, Health and Safety in Employment Act 1992, Animal Welfare Act 1999, Hazardous Substances and New Organisms Act 1996, Land Transport Rule: Dangerous Goods 2005.
- 2 Evidence to be collected includes the control of vertebrate animal pests using at least one type of fumigant.
- 3 Definitions
Organisational requirements refer to instructions to staff on policy and procedures which are documented in memo or manual format and are available in the workplace. These include the application of legislation and the implementation of the Regional Pest Management Strategy.
Vertebrate pests may include but are not limited to rabbits, possums, and rodents.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of fumigation and fumigant applicators for vertebrate pest management.

Performance criteria

- 1.1 Fumigants for the management of vertebrate pests are identified.
- 1.2 Fumigation applicators and fumigant for the destruction of target vertebrate pests are identified.

- 1.3 The risks associated with the use of each fumigant and fumigant applicator are described in terms of non-target species, the user, and the environment.

Outcome 2

Prepare to fumigate to destroy vertebrate pests.

Performance criteria

- 2.1 Property inspection locates hazards, livestock, and people.

- 2.2 The physical signs of vertebrate target pests are located.

Range signs may include but are not limited to – droppings; pads; runs; fur; burrows or nests; damage caused to crops, pasture, orchards, or trees.

- 2.3 Equipment required is identified and obtained and is appropriate to the target pest.

Range equipment may include but is not limited to – vehicle, fumigant, fumigant equipment.

Outcome 3

Handle fumigants.

Range evidence is required of at least one fumigant type.

Performance criteria

- 3.1 The removal of fumigant from storage is recorded in the toxin register in accordance with organisational and legislative requirements.

- 3.2 The fumigants are transported in accordance with the legislative requirements.

- 3.3 The storage of fumigant remaining after use is recorded in the toxins register in accordance with safety procedures and organisational requirements.

Outcome 4

Apply fumigants to destroy vertebrate pests.

Performance criteria

- 4.1 The fumigant application method is appropriate to the target vertebrate pest.

- 4.2 The fumigants are applied in accordance with safety procedures.

- 4.3 Any fumigant traces on clothes and equipment are removed after application of fumigant in accordance with legislative requirements.

- 4.4 A record is made of nests and/or burrows destroyed in accordance with organisational requirements.

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	19 August 1998	31 December 2023
Revision	2	17 July 2002	31 December 2023
Revision	3	19 May 2004	31 December 2023
Review	4	25 July 2007	31 December 2023
Review	5	23 May 2019	31 December 2023

Consent and Moderation Requirements (CMR) reference	0046
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.