

<b>Title</b>	<b>Identify pests, assess pest activity and recommend integrated pest management or a standard treatment</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>14</b>

<b>Purpose</b>	<p>The purpose of this unit standard is to provide the urban pest management industry with technicians who are able to identify pests and assess pest activity. Technicians will use their assessment of pest activity to recommend integrated pest management or a standard treatment to clients.</p> <p>This unit standard outlines the learning outcomes, assessment evidence and the performance standard required to show a trainee can:</p> <ul style="list-style-type: none"> <li>• identify pests and pest status,</li> <li>• assess a site for signs of pest activity and determine size and nature of pest infestation,</li> <li>• know a reasonable range of chemical and non-chemical treatments for common pests and,</li> <li>• recommend integrated pest management or a standard treatment based on their assessment.</li> </ul> <p>Technicians will know standard methods for identifying pests and assessing pest activity in homes, communities and businesses in the built environment sector and, know appropriate chemical and non-chemical integrated pest management systems or standard treatments for common pests.</p>
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<b>Classification</b>	Pest Management > Urban Pest Management
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Competence demonstrated during assessment against this unit standard must comply with the requirements of:
  - Animal Welfare Act 1999;
  - Biosecurity Act 1993;
  - Consumer Guarantees Act 1993;
  - Contract and Commercial Law Act 2017;
  - Food Act 2014;
  - Hazardous Substances and New Organisms Act 1996 (HSNO Act);
  - Health and Safety at Work Act 2015 (HSWA);
  - Resource Management Act 1991.

- Applicable Australia/New Zealand standards. (Standards on various health and safety aspects have been developed by joint technical committees in Australia and New Zealand. Standards are not statutory unless referred to by an Act or Regulation, however they are industry good practice guidelines which should be followed and implemented where applicable.) AS/NZS standards are available at: [www.standards.govt.nz](http://www.standards.govt.nz);
- Applicable territorial and local authority bylaws.

Any legislation or guideline superseding any of the above will apply for assessment purposes.

## 2 Range

Evidence must be provided for the management of cockroaches, flies, rodents, spiders, ants, bedbugs, fleas, silverfish. For bedbugs and fleas, evidence can be demonstrated by other means where access to practical on-job experience (for the purposes of training) cannot reasonably be provided.

Urban pest management includes a range of techniques and treatments. Treatments include chemical and non-chemical. Evidence must be provided of at least two different techniques against all pests as outlined above.

## 3 Definitions

*Industry good practice* refers to approved/recognised Codes of Practice and Good Practice guides. These may include but are not limited to:

- A Code of Practice for Pest Management in the Food Industry in Australia & New Zealand 2014; and
- A Code of Practice for the Control of Bed Bug Infestations in Australia, both available at [www.aepma.com.au/Codes-of-Practice](http://www.aepma.com.au/Codes-of-Practice); and
- A Code of Practice for Control and Safe Use of Fumigants, Pest Management Association of New Zealand 2008 (HSNOCOP 31-1), available at [www.pmanz.nz](http://www.pmanz.nz).

*Integrated Pest Management (IPM)* is constantly evolving; the most current IPM practices should be used in the evidence presented for assessment against this unit standard.

*Organisational requirements* refer to instructions to staff on policy procedures and methods relating to urban pest management (including health and safety) and the application of any written procedures which are documented in memo or manual format and are available in the workplace.

*Pests* cover, but are not limited to, all of the following:

- Timber pests – termites, borers, beetles, fungal decay.
- Insect pests of commerce, industry, accommodation and recreation – cockroaches, ants, bedbugs, fleas, silverfish, lice, fabric and paper pests, flies, mosquitoes, midges, stored-food pests.
- Spiders and other arthropods – spiders, ticks, mites, centipedes, slaters, millipedes, sand-hoppers, beetles.
- Vertebrate pests – rats, mice, birds, possums, feral cats, rabbits, mustelids.

*Relevant Indicators* include but are not limited to: biology (e.g. behavioural, pest ecology, harbourages, habitat, life cycles and environmental indicators).

## 4 This standard is intended for on-job assessment.

## Outcomes and performance criteria

### Outcome 1

Identify pests and assess pest activity.

#### Performance criteria

- 1.1 Pests and pest activity are identified using any relevant indicators and pest status is determined as required in accordance with industry good practice.
- 1.2 Pest activity is assessed and determines the size and nature of the infestation, where conditions allow, in accordance with industry good practice.
- 1.3 The potential for pest infestation and/or concerns around potential infestation is identified and communicated to the client in accordance with organisational requirements.

### Outcome 2

Recommend integrated pest management or a standard treatment based on pest activity assessment.

#### Performance criteria

- 2.1 Integrated pest management or a standard treatment is identified for the pest, based on the assessment of pest activity and in accordance with industry good practice.
- 2.2 Options are presented and recommended to clients in accordance with organisational requirements.

<b>Replacement information</b>	This unit standard replaced unit standard 3255 and unit standard 3260.
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<b>Planned review date</b>	31 December 2020
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 April 2015	N/A
Revision	2	31 May 2018	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0024
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This CMR can be accessed at [www.nzqa.govt.nz/framework/search/index.do](http://www.nzqa.govt.nz/framework/search/index.do).

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**Comments on this unit standard**

Please contact Careerforce [info@careerforce.org.nz](mailto:info@careerforce.org.nz) if you wish to suggest changes to the content of this unit standard.