

<b>Title</b>	<b>Demonstrate knowledge and apply treatments to control bedbugs in the urban pest management industry</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>15</b>

<b>Purpose</b>	This is a specialist unit standard for pest control technicians in the urban pest management industry. People credited with this unit standard are able to: demonstrate knowledge of bedbugs endemic to New Zealand; complete preparations prior to treatment for the control of bedbugs; apply treatments to control bedbugs; and complete job related tasks following treatment for the control of bedbugs.
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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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<b>Prerequisites</b>	Unit 3260, <i>Demonstrate knowledge required by a service technician in the urban pest management industry</i> , or demonstrate equivalent knowledge and skills.
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### Guidance Information

- Industry practice* refers to enterprise and/or establishment requirements and practices which are in accordance with applicable legislation and regulations.
- Reference:  
 Agricultural Compounds and Veterinary Medicines Act 1997;  
 Consumer Guarantees Act 1993;  
 Health and Safety in Employment Act 1992;  
 Hazardous Substances and New Organisms Act 1996;  
 Privacy Act 1993;  
 Resource Management Act 1991;  
 AS/NZS 1715:1994 Selection, use and maintenance of respiratory protective devices;  
 Code of Practice for the Control of Bedbug Infestations, publications and fact sheets, available at <http://www.bedbug.org.au>;  
 Manaaki Whenua – Landcare Research publications and fact sheets, available at <http://www.landcareresearch.co.nz/>;  
 Pest Management Association of New Zealand, Code of Practice (available from BSCITO, PO Box 31067, Lower Hutt, Telephone 04 589 0126, [ito@bsc.org.nz](mailto:ito@bsc.org.nz)).
- It should be noted that technicians will need to complete all the requirements of the Environmental Risk Management Authority for an Approved Handler Certificate before being assessed in this unit standard.

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## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of bedbugs endemic to New Zealand.

#### Performance criteria

- 1.1 Bedbugs endemic to New Zealand are identified in terms of species and habitat.
- 1.2 Characteristics of bedbugs endemic to New Zealand are analysed in terms of infestation patterns.
- Range to include – life cycle, breeding cycle, feeding habits.
- 1.3 Procedures for identifying areas and extent of infestation are described.

### Outcome 2

Complete preparations prior to treatment for the control of bedbugs.

#### Performance criteria

- 2.1 Site report is completed according to industry practice.
- Range includes – legislation, industry codes of practice, clients' and industry procedures, requirements of insecticide labels, areas and extent of infestation, recommendations on care labels on mattress and bed base (if any), ensuring that treatment areas are secure and non-entry warning signs are erected before treatment.
- 2.2 Client is provided with written details of all aspects of proposed treatment according to industry practice.
- Range includes – guarantee of client confidentiality, treatment costs, impact on site usage, areas and extent of infestation.
- 2.3 Client's written acceptance of all aspects of proposed treatment is obtained prior to treatment.
- 2.4 Equipment, Personal Protection Equipment (PPE) and materials required for the job are checked to ensure they are in safe working condition and operational according to industry practice.
- 2.5 Treatment selected is that which is most effective for target pest and least harmful to personnel, furniture, furnishings, and the environment, and meets the recommendations on care labels on mattress and bed base (if any).

2.6 Documentation is completed according to industry practice.

Range documentation includes – site report (checked and confirmed), service agreement, initial contact enquiry.

2.7 Vehicle is prepared in readiness for job in accordance with industry practice.

Range vehicle readiness includes – clean and tidy, check for current warrant of fitness, check for current registration, vehicle record book up-to-date, Safety Data Sheets, check for sufficient amounts and types of chemicals, chemical use log book up-to-date.

### **Outcome 3**

Apply treatment to control bedbugs.

#### **Performance criteria**

3.1 Procedures for client liaison are followed during treatment according to industry practice.

3.2 Areas and extent of infestation are confirmed from site report.

3.3 Selected chemical is mixed according to label instructions and manufacturer's recommendations.

3.4 Treatment is applied in accordance with manufacturer's recommendations relating to type of treatment and recommendations on care labels on mattress and bed base (if any).

Range chemical and/or non-chemical applications.

3.5 Potential damage to surrounding area, furniture and furnishings is avoided by minimising overspray.

3.6 All work practices are carried out in compliance with legislation and codes of practice.

### **Outcome 4**

Complete job related tasks following the treatment for the control of bedbugs.

#### **Performance criteria**

4.1 Client is provided with written advice relating to post-treatment requirements as specified for treatment method, chemicals used and preventative measures.

Range re-entry time, warning signs, future monitoring of situation and a pre-arranged return visit by technician to check situation, good house-keeping measures.

- 4.2 Possible damage to surrounding area, furniture and furnishings is minimised by removal of overspray.
- 4.3 All equipment and items of PPE are cleaned and maintained according to manufacturer's recommendations.
- 4.4 Chemicals are secured according to industry practice and regulations.
- 4.5 Documentation relating to job is processed according to industry practice.
- Range any form of job/site reporting.
- 4.6 Post-treatment personal hygiene and safety procedures are followed in accordance with industry practice.

**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	26 November 2007	31 December 2021
Review	2	24 January 2019	31 December 2021

<b>Consent and Moderation Requirements (CMR) reference</b>	0004
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.