

Title	Demonstrate knowledge of removing lead-based paint and lead-based contaminated materials		
Level	3	Credits	10

Purpose	<p>This unit standard is for people working in the painting and decorating sector.</p> <p>People credited with this unit standard are able to demonstrate knowledge of: defining and preparing work area for removing lead-based paint; removing lead-based contaminated materials; and managing lead-based contaminated materials.</p>
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Classification	Construction Trades > Painting and Decorating
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Available grade	Achieved
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Guidance Information

- 1 Legislation and references relevant to this unit standard include – Health and Safety in Employment Act 1992 (HSE); Resource Management Act 1991; Hazardous Substances and New Organisms Act 1996; available at <http://legislation.govt.nz>; AS/NZS 2311:2009 *Guide to the painting of buildings*, AS/NZS 1580.501.1:1994 *Methods of test for paints and related materials – Soluble lead content*, AS/NZS 3750.20:2008 *Paints for steel structures – Anticorrosive metal primer – Solvent-borne – Lead and chromate free*, available at <http://www.standards.co.nz/>.
- 2 Definition
Worksite requirements refer to job instructions to candidate on agreed work to be carried out.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of defining and preparing work area for removing lead-based paint.

Performance criteria

- 1.1 Options for the management and treatment of pre-existing lead-based paints in buildings are identified and described in accordance with worksite and legislative requirements.
- 1.2 Requirements for maintaining a safe working area around lead-based paint locations is described in accordance with worksite and legislative requirements.

- 1.3 Plant, tools and equipment required for removing lead-based paint are identified in accordance with worksite and legislative requirements.

Outcome 2

Demonstrate knowledge of removing lead-based contaminated materials.

Performance criteria

- 2.1 Removal processes are identified in accordance with worksite and legislative requirements.
- 2.2 Process for quarantining the contamination area and protecting people at risk is described in accordance with worksite and legislative requirements.
- 2.3 Process for protecting furnishings, other surfaces, surrounding ground areas, drinking vessels, water storage and foodstuffs and sealing all doors and windows, where appropriate, is described in accordance with worksite and legislative requirements.
- 2.4 Debris and waste management procedures are identified for lead-based contamination from flake, chalk and dust in accordance with worksite and legislative requirements.
- 2.5 Removal processes for lead-based contaminated materials are described in accordance with worksite and legislative requirements.
- 2.6 Process for repairing, restoring and preparing substrates for subsequent coatings is described in accordance with worksite and legislative requirements.

Outcome 3

Demonstrate knowledge of managing lead-based contaminated materials.

Performance criteria

- 3.1 Stabilisation methods to make the building lead safe by applying temporary control measures are described in accordance with worksite and legislative requirements.
- 3.2 Methods for the containment of existing surfaces are identified and described in accordance with worksite and legislative requirements.
- 3.3 Process for over-painting using oil-based paints is described in accordance with worksite requirements.
- 3.4 Process for applying specialised liquid encapsulant is described in accordance with manufacturer's specifications and worksite requirements.

- 3.5 Process for enclosing contaminated surface using overlaying materials and applying warning notices is described in accordance with worksite and legislative 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	18 August 2011	31 December 2016
Review	2	19 February 2015	31 December 2026
Review	3	24 April 2025	31 December 2028

Consent and Moderation Requirements (CMR) reference	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.