

<b>Title</b>	<b>Manage contaminated materials in a painting and decorating environment</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>8</b>

<b>Purpose</b>	<p>This specialist unit standard for experienced people working in the painting and decorating sector.</p> <p>People credited with this unit standard are able to: define and prepare work area for removing lead-based paint; remove contaminated materials; manage contaminated materials; and clean up tools and work area used for managing contaminated materials.</p>
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<b>Classification</b>	Construction Trades > Painting and Decorating
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation and references relevant to this unit standard include – Health and Safety in Employment Act 1992; Resource Management Act 1991; Hazardous Substances and New Organisms Act 1996; 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.
- 3 This unit standard must be assessed against in a realistic workplace environment. The candidate must be under realistic time pressures, and use relevant commercial equipment and approved industry techniques.

### Outcomes and performance criteria

#### Outcome 1

Define and prepare 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 considered and determined in accordance with worksite and legislative requirements.
- 1.2 A safe working area is maintained around lead-based paint locations using temporary controls measures, barriers and signage in accordance with worksite and legislative requirements.
- 1.3 Plant, tools and equipment are prepared in accordance with worksite and legislative requirements.

**Outcome 2**

Remove contaminated materials.

**Performance criteria**

- 2.1 Removal processes are determined in accordance with worksite and legislative requirements.
- 2.2 Contamination area is quarantined and people at risk are protected in accordance with worksite and legislative requirements.
- 2.3 Furnishings, other surfaces, surrounding ground areas, drinking vessels, water storage and foodstuffs are protected and all doors and windows sealed, where appropriate, in accordance with worksite and legislative requirements.
- 2.4 Debris and waste management procedures are identified and applied for lead contamination from flake, chalk and dust in accordance with worksite and legislative requirements.
- 2.5 Removal processes are applied and contaminated materials are containerised for movement in accordance with worksite and legislative requirements.
- 2.6 Substrates are repaired, restored and prepared for subsequent coatings in accordance with worksite and legislative requirements.

**Outcome 3**

Manage contaminated materials.

**Performance criteria**

- 3.1 Stabilisation method is determined to make the building lead safe by applying temporary control measures in accordance with worksite and legislative requirements.
- 3.2 Methods for the containment of existing surfaces are determined or confirmed in accordance with worksite and legislative requirements.

- 3.3 Over-painting is conducted using oil-based paints in accordance with worksite requirements.
- 3.4 Specialised liquid encapsulant is applied in accordance with manufacturer's specifications and worksite requirements.
- 3.5 Contaminated surface is enclosed using overlaying materials and applying warning notices in accordance with worksite and legislative requirements.

#### Outcome 4

Clean up tools and work area used for managing contaminated materials.

#### Performance criteria

- 4.1 Work area is cleared and materials are disposed of, reused, or recycled in accordance with worksite and legislative requirements.
- 4.2 Waste and unwanted materials are removed and placed into containment vessels for disposal in accordance with worksite and legislative requirements.
- 4.3 Surface and soil tests are conducted to verify that no contamination has taken place and building is safe for occupation in accordance with worksite and legislative requirements.
- 4.4 Tools and equipment are cleaned, checked, maintained and stored in accordance with manufacturer's specifications and worksite 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

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