

<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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### Explanatory notes

- 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.

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### Outcomes and evidence requirements

#### Outcome 1

Define and prepare work area for removing lead-based paint.

#### Evidence requirements

- 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.

### **Evidence requirements**

- 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.

### **Evidence requirements**

- 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.

#### Evidence requirements

- 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.

<b>Planned review date</b>	31 December 2019
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#### 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	N/A

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

#### Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

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**Comments on this unit standard**

Please contact the Building and Construction Industry Training Organisation [info@bcito.org.nz](mailto:info@bcito.org.nz) if you wish to suggest changes to the content of this unit standard.