

<b>Title</b>	<b>Apply paint by spray methods</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	<p>This unit standard is for people working in the spray painting area of the painting and decorating sector.</p> <p>People credited with this unit standard are able to: plan and prepare to spray paint; prepare materials and application area for spray painting; set up and test spray painting equipment; apply paint using the spray method; and clean up and store spray painting equipment.</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; available at <http://legislation.govt.nz>; AS/NZS 2311:2009 *Guide to the painting of buildings*; AS/NZS 4114.1:2003 *Spray painting booths, designated spray painting areas and paint mixing rooms – Design, construction and testing*, 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.
- 4 Evidence is required of the completion of a minimum of five spray painting jobs.
- 5 Range  
paint spraying methods include – airless, air assisted and high-volume, low-pressure (HVLP). Evidence using two spraying methods is required.

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### Outcomes and evidence requirements

#### Outcome 1

Plan and prepare to spray paint.

**Evidence requirements**

- 1.1 Work instructions and operational details are obtained and confirmed in accordance with worksite requirements.
- 1.2 Safety instructions are followed in accordance with worksite and legislative requirements.
- 1.3 Signage and barricade requirements are identified and implemented in accordance with worksite and legislative requirements.
- 1.4 Plant, tools and equipment are selected to meet the worksite requirements, and checked for serviceability prior to commencement of work in accordance with worksite requirements.
- 1.5 Material quantities are calculated to meet the job requirements in accordance with worksite requirements.
- 1.6 Any environmental requirements are identified in accordance with worksite and legislative requirements.

**Outcome 2**

Prepare materials and application area for spray painting.

**Evidence requirements**

- 2.1 Area is set up for spray painting in accordance with worksite requirements and the spray system being used.
- 2.2 Adjoining surfaces to application area are protected in accordance with worksite requirements.
- 2.3 Ventilation required for the application area is provided in accordance with worksite and legislative requirements.
- 2.4 Application area is kept free of dust and foreign matter in accordance with worksite requirements.
- 2.5 Materials required to meet the job requirements are identified, located and prepared ready for use in accordance with worksite requirements.
- 2.6 Paint is mixed and viscosity adjusted, where required, for the application process in accordance with manufacturer's specifications and worksite requirements.

**Outcome 3**

Set up and test spray painting equipment.

**Evidence requirements**

- 3.1 Spray painting equipment and accessories are identified, in accordance with manufacturer's specifications and worksite requirements.
- 3.2 Lines for the spray system are identified and contained so paint cannot reach and penetrate into the skin of workers and other people around them, and are in accordance with manufacturer's specifications and workplace requirements.
- 3.3 Fittings are checked for function and security prior to use in accordance with manufacturer's specifications and worksite requirements.
- 3.4 Safety devices are identified and tested and any defects corrected in accordance with manufacturer's specifications and worksite requirements.

**Outcome 4**

Apply paint using the spray method.

**Evidence requirements**

- 4.1 Spray equipment is operated in accordance with manufacturer's specifications and worksite requirements.
- 4.2 Paint is applied to surface to achieve an even finish in accordance with worksite requirements.
- 4.3 Any defects in the paint application are identified and corrective action is taken to achieve required spray paint finish in accordance with worksite requirements.

**Outcome 5**

Clean up and store spray painting equipment.

**Evidence requirements**

- 5.1 Spray gun, associated components and equipment is dismantled, checked, cleaned and maintained in accordance with manufacturer's specifications and worksite requirements.
- 5.2 Spray paint materials and solvents are stored in accordance with manufacturer's specifications and worksite and legislative requirements.
- 5.3 Work area is cleared and materials are disposed of, reused, or recycled in accordance with worksite and legislative requirements.

<b>Replacement information</b>	This unit standard replaced unit standard 97 and unit standard 100.
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<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.