

Title	Demonstrate knowledge of applying paint by spray		
Level	3	Credits	8

Purpose	<p>This unit standard is for people working in the painting area of the painting and decorating sector.</p> <p>People credited with this unit standard are able to demonstrate knowledge of: preparing materials and application area for spray painting; setting up and testing spray painting equipment; and applying paint using the spray system.</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; 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.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of preparing materials and application area for spray painting.

Performance criteria

- 1.1 Process for setting up area for spray painting is described in accordance with worksite requirements and the spray system being used.
- 1.2 Process for protecting adjoining surfaces to application area is described in accordance with worksite requirements.
- 1.3 Ventilation required for the application area is identified in accordance with worksite and legislative requirements.

- 1.4 Process for keeping application area free of dust and foreign matter is described in accordance with worksite requirements.
- 1.5 Materials, plant and tools required to meet the job requirements are identified in accordance with worksite requirements.
- 1.6 Process for mixing and adjusting paint viscosity, where required, for the application process, is explained in accordance with manufacturer's specifications and worksite requirements.

Outcome 2

Demonstrate knowledge of setting up and testing spray painting equipment.

Performance criteria

- 2.1 Spray painting equipment and accessories are identified in accordance with manufacturer's specifications and worksite requirements.
- 2.2 Lines for the spray system are identified so as to contain paint to not reach and penetrate into the skin of workers and other people around them, and are in accordance with manufacturer's specifications and workplace requirements.
- 2.3 Process for checking fittings for function and security prior to use is described in accordance with manufacturer's specifications and worksite requirements.
- 2.4 Safety devices are identified and process for testing is described in accordance with manufacturer's specifications and worksite requirements.

Outcome 3

Demonstrate knowledge of applying paint using the spray system.

Performance criteria

- 3.1 Process for operating the spray painting equipment is described in accordance with manufacturer's specifications and worksite requirements.
- 3.2 Process for applying paint to surface to achieve an even finish is described in accordance with worksite requirements.
- 3.3 Possible defects in paint application are identified and corrective action to achieve required spray paint finish is described in accordance with worksite requirements.

Replacement information	This unit standard was replaced by skill standard 40505.
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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>.