

Title	Demonstrate knowledge of colour theory, effects and schemes, and prepare colour schemes		
Level	3	Credits	10

Purpose	<p>This general 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 colour theory and terminology, and colour effects; and prepare colour schemes.</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>; NZS 5807: 1980 *Code of practice for industrial identification by colour, wording or other coding*; AS/NZS 2311:2009 *Guide to the painting of buildings*, 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 colour theory and terminology.

Performance criteria

- 1.1 Primary, secondary, tertiary, compound, and complementary colours are defined in terms of their relationship to paint.
- 1.2 Hue, saturation, value, brilliance, tint, shade, and tone are defined in terms of their relationship to paint.
- 1.3 Warm and cool colours are identified in terms of their relationship to paint.

- 1.4 Advancing and retreating colours are identified in terms of their relationship to paint.
- 1.5 Colour harmonies are identified in terms of their relationship to paint.
- 1.6 Recognised systems of colour classifications are identified and interpreted in terms of their relationship to paint.

Outcome 2

Demonstrate knowledge of colour effects.

Performance criteria

- 2.1 Light reflectance from colours is described in terms of the relationship to painted surfaces.
- 2.2 The effects that different types of light have on colours are described in terms of the relationship to painted surfaces.
- 2.3 The effects that different colours have on each other are described in terms of the relationship to painted surfaces.
- 2.4 The effect of the degree of gloss on colour is described in terms of the relationship to painted surfaces.

Outcome 3

Prepare colour schemes.

Performance criteria

- 3.1 Monochromatic, analogous, complementary, split complementary, triadic, and tetradic colour schemes are defined in relationship to paint.
- 3.2 The relationship between colours and the environment is identified in terms of painted surfaces.
 - Range includes – interior and exterior spaces, harmony, discordance, pattern, texture.
- 3.3 Colour schemes are prepared for buildings in accordance with client and worksite requirements.
 - Range evidence is required of a colour scheme for the interior and exterior of five different residential buildings.

Replacement information	This unit standard replaced unit standard 99 and unit standard 1068.
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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
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.