

<b>Title</b>	<b>Demonstrate knowledge of colour theory, effects and schemes, and prepare colour schemes</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	<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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<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 (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 evidence requirements

#### Outcome 1

Demonstrate knowledge of colour theory and terminology.

#### Evidence requirements

- 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.

### Evidence requirements

- 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.

### Evidence requirements

- 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.

<b>Replacement information</b>	This unit standard replaced unit standard 99 and unit standard 1068.
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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.

#### 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.