

Title	Select, handle and store coatings, solvents and additives for painting and decorating projects		
Level	4	Credits	6

Purpose	<p>This unit standard aligns with the <i>New Zealand Certificate in Painting and Decorating – Specifications</i>, developed on behalf of the painting and decorating industry to specify the skills and knowledge required to achieve the New Zealand Certificate in Painting and Decorating (Level 4) with strands in Specialised Spraying, Wallcoverings, and Specialised Coatings [Ref: 3568].</p> <p>This unit standard is intended for those working in the painting and decorating industry.</p> <p>People credited with this unit standard are able to select, handle and store coatings, solvents and additives for painting and decorating projects to the level required of a commercially competent painter and decorator.</p>
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Classification	Construction Trades > Painting and Decorating
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Available grade	Achieved
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Guidance Information

This unit standard is one of a family of standards that align with the *New Zealand Certificate in Painting and Decorating – Specifications* and should be read, interpreted and assessed in the context of those *Specifications* and the New Zealand Certificate in Painting and Decorating (Level 4) with strands in Specialised Spraying, Wallcoverings, and Specialised Coatings [Ref: 3568].

The overarching level of performance for the family of unit standards is commercial competence.

Commercial competence requires a candidate to be capable of consistently performing the requirements of the skill specification:

- to current regulatory, industry and commercial standards
- within a commercially viable timeframe
- in commercial environments
- without supervision
- in different and unfamiliar contexts.

The sufficiency of evidence required to demonstrate commercial competence against this unit standard is determined within the context of the family of unit standards aligned to the *Specifications*.

The assessor must be confident that the candidate is capable of applying the skills and knowledge included in this skill specification to the level, scope and complexity required to support the achievement of related skills included in the *Specifications*.

Commercial competence can only be demonstrated, and must be assessed, in the workplace.

The assessment of commercial competence must be corroborated and confirmed by a person who has current expertise in the painting and decorating trade and has had the opportunity to regularly observe the candidate in the workplace.

References

New Zealand Certificate in Painting and Decorating – Specifications, BCITO, September 2016, available from www.bcito.org.nz.

Skill specification and performance level guidance

Skill specification

Select, handle and store coatings, solvents and additives for painting and decorating projects.

- Know**
- The different types, functions and properties of coatings.
 - The different types, functions and properties of specialised coatings.
 - The different types, functions and properties of solvents.
 - The functions and properties of the components that make up coatings.
 - The drying and hardening processes for coatings, and the atmospheric and substrate influences that affect them.
 - Defects of coatings and how they are remedied.
 - The different types, functions and properties of additives used in conjunction with coatings.
 - Handling and storage requirements for coatings, solvents and additives.
- Do**
- Select coatings, solvents and additives for painting and decorating projects.
 - Handle and store coatings, solvents and additives.

Performance level guidance

Types of coatings include paint (primers, undercoats and topcoats), stain and clear finishes.

Types of specialised coatings include liquid membranes, protective paint coating systems, intumescent coatings, industrial coatings, and finish coatings to proprietary plaster cladding systems.

Storage requirements include fire safety, ventilation, product dispersal, and ease of identification and retrieval.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 April 2018	N/A

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>.

Comments on this unit standard

Please contact the Building and Construction Industry Training Organisation national.office@bcito.org.nz if you wish to suggest changes to the content of this unit standard.