

Title	Apply coatings using spray painting systems		
Level	4	Credits	50

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 apply coatings using spray painting systems to the level required of a commercially competent painter and decorator.</p>
----------------	--

Classification	Construction Trades > Painting and Decorating
-----------------------	---

Available grade	Achieved
------------------------	----------

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.

Reference

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

Apply coatings using a spray painting system.

Know The different types of spray painting systems, their functions, characteristics, safety requirements, and end uses.

How the interrelationship between the coating, the environmental conditions and the spray system can affect paint application using spray systems.

How to adjust the spray system during application to maintain consistent volume and density of paint coverage.

How to apply coatings using spray systems.

Do Mask surrounding areas in preparation for spraying.

Prepare materials, and mix and adjust coatings to be applied by spray painting system.

Set up, test, adjust, dismantle, clean, and maintain spray equipment.

Apply and finish paint using spray equipment.

Performance level guidance

Applying and finishing paint includes minimising wastage and areas for remedial work.

Spray painting systems include airless, air assisted, and high volume, low pressure (HVLP).

Planned review date	31 December 2023
----------------------------	------------------

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

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.