

Title	Read and interpret working drawings and specifications, and apply them to undertake trowel trades projects		
Level	4	Credits	6

Purpose	<p>This unit standard is intended for people working in the trowel trades sectors of the construction industry.</p> <p>People credited with this unit standard are able to read and interpret working drawings and specifications, and apply them to undertake trowel trades projects to the level required of a commercially competent trowel trades trade professional.</p>
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Classification	Construction Trades > Core Construction
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Available grade	Achieved
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Guidance Information

1 Assessment

This unit standard is one of a family of standards intended to align with the *New Zealand Certificate in Trowel Trades – Specifications*, and the *New Zealand Certificate in Trowel Trades (Level 4)* with strands in Brick and Block Laying, Floor and Wall Tiling, Proprietary Plaster Cladding Systems, Ferro-cement Tank Manufacture, Refractory Installation, and Solid Plastering (with optional strands in Fixing Cavities and Substrates, and Decorative Mouldings) [Ref: 3137]. This standard is designed to be achieved in the context of one of the specific trowel trades reflected in the qualification's strands.

Evidence for this unit standard must reflect 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.

Commercial competence must be confirmed by a person who has current expertise in the trowel trade.

2 Definition

Specifications provide detailed guidance on how the work is to be carried out, and may include specific product data sheets and installation requirements.

- 3 Legislation, and guidance information relevant to this standard includes the following, and any subsequent amendments and replacements:

New Zealand Certificate in Trowel Trades – Specifications, BCITO, August 2021, available from www.WaihangaAraRau.nz.

Legislation accessed at www.legislation.govt.nz

- Building Act 2004,
- The New Zealand Building Code.

Skill specification and performance level guidance

Skill specification

Read and interpret working drawings and specifications, and apply them to undertake trowel trades projects.

Knowledge

The key components that make up a set of working drawings used in a trowel trades project.

How to read and interpret conventions in a set of working drawings to determine requirements for a trowel trades project.

Range conventions include – drawing types, scales, symbols, dimensions, abbreviations; interpretation also includes questioning details where information is unclear or conflicts with best practice.

The key components that make up a specification for a trowel trades project.

How to read and interpret a specification to determine requirements for a trowel trades project.

Skills

Read, interpret and confirm specific job requirements from working drawings and specifications.

Create sketches to communicate scope of work for a trowel trades project.

Range scope of work allows for – quantification of materials, planning job layout requirements.

Performance level guidance

Performance must reflect interpretation and understanding of a set of working drawings and specifications to allow the specific trowel trade to complete the work required of its trade. Drawings may be hardcopy or in digital form.

Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 September 2018	31 December 2025
Review	2	25 August 2022	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 Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@WaihangaAraRau.nz if you wish to suggest changes to the content of this unit standard.