

Title	Use and maintain tools and equipment in a trowel trades context		
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 use and maintain tools and equipment in a trowel trades context 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 Definitions

Non-notifiable scaffolding refers to the erecting, using and dismantling of any scaffold where the height of the working platform is less than 5m.

Trowel trades refer to brick and block laying, floor and wall tiling, ferro-cement manufacture, solid plastering, proprietary plaster cladding systems, or refractory installation.

Workplace procedures refer to the documented procedures specific to a workplace which sets out the standard and the required practices of that workplace.

- 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,
- Health and Safety at Work Act 2015,
- The New Zealand Building Code.

Best practice and good practice guidelines

- *The Absolutely Essential Health and Safety Toolkit for Small Construction Sites*, and other Worksafe NZ publications available from www.worksafe.govt.nz.

Skill specification and performance level guidance

Skill specification

Use and maintain tools and equipment in a trowel trades context.

Knowledge

The use and application of hand tools used to undertake common tasks within a specific trowel trade.

The use and application of power tools used to undertake common tasks within a specific trowel trade.

The use and application of items of mechanical equipment used to undertake common tasks within a specific trowel trade.

The use and application of items of non-mechanical equipment used to undertake common tasks within a specific trowel trade.

The use and application of items of access equipment used to support the safe undertaking of work programmes by a specific trowel trade.

Range may include – ladder, approved height platform, notifiable scaffolding, non-notifiable scaffolding, scissor lift.

The use and application of items of lifting equipment used to support the safe undertaking of work programmes by a specific trowel trade.

The use and application of items of electronic equipment used to undertake common tasks within a specific trowel trade.

The care and maintenance requirements for tools, plant and equipment used by a specific trowel trade.

The use, application, and requirements for loading vehicles with materials, tools and equipment.

Skills

Use a range of hand tools to complete common tasks within a specific trowel trade.

Use a range of power tools to complete common tasks within a specific trowel trade.

Use a range of equipment to complete common tasks within a specific trowel trade.

Range may include – mechanical, non-mechanical or electronic equipment.

Use access equipment on site for the safe undertaking of the work programme in a specific trowel trade.

Use equipment to lift tools or materials for the safe undertaking of the work programme in a specific trowel trade.

Undertake requirements to maintain good working order of tools and equipment used to complete common tasks within a specific trowel trade.

Performance level guidance

Performance must reflect the safe and practical use of tools and equipment for at least one specific trowel trade in accordance with workplace procedures, manufacturer's guidance, and legislative requirements.

Performance must reflect the requirements of a tradesperson undertaking at least one of the following trowel trades in a commercial environment: brick and block laying, floor and wall tiling, ferro-cement tank manufacture, solid plastering, proprietary plaster cladding systems, and/or refractory installation.

Performance must reflect ability to transfer the skill and knowledge associated with using a particular tool or piece of equipment to another less familiar tool or piece of equipment.

Maintenance requirements will differ depending on the tool or piece of equipment concerned, and if the equipment is mechanically or manually operated.

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

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.