

<b>Title</b>	<b>Set out and lay brick veneer walls</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>45</b>

<b>Purpose</b>	<p>This unit standard is intended for people working in the brick and block laying industry.</p> <p>People credited with this unit standard are able to set out and lay brick veneer walls to the level required of a commercially competent brick and block laying trade professional.</p>
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<b>Classification</b>	Masonry > Brick and Block Laying
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<b>Available grade</b>	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].

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 brick and block laying trade.

### 2 Definitions

*Job documentation* refers to approved plans for the specific work to be carried out.  
*Job specifications* provide detailed guidance on how the work is to be carried out.  
*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, standards 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](http://www.WaihangaAraRau.nz).

Legislation accessed at [www.legislation.govt.nz](http://www.legislation.govt.nz)

- Building Act 2004,
- Health and Safety at Work Act 2015,
- The New Zealand Building Code.

Ministry of Business, Innovation and Employment accessed at [www.building.govt.nz](http://www.building.govt.nz)

- E2/AS1 *External Moisture, 9.2 Masonry Veneer*.

Standards accessed at [www.standards.govt.nz](http://www.standards.govt.nz)

- NZS 4210 *Masonry construction: Materials and workmanship*
- SNZ HB 4236:2002 *Masonry Veneer Wall Cladding*.

Best practice and good practice guidelines

- Master Brick and Blocklayers. (2022). *Brick Veneer Best Practice Guide*
- *The Absolutely Essential Health and Safety Toolkit for Small Construction Sites*, and other Worksafe NZ publications available from [www.worksafe.govt.nz](http://www.worksafe.govt.nz).

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## Skill specification and performance level guidance

### Skill specification

Set out and lay brick veneer walls.

### Knowledge

The requirements for the set up ready to lay brick veneers for straight walls and forming corners.

Range includes use of – profiles, gauge rods, string or plumb lines.

The methods to complete different brick cuts.

The requirements for the set out of the first course to form straight walls and forming corners.

Range positions for clean outs, control joints, weep holes, bond patterns.

The purpose and methods to place mortar to create an even joint between bricks.

Range spread mortar beds, butter bricks.

The process to laying different bond patterns.

Range stretcher bond, stack bond, English bond.

The requirements for the use of ties and reinforcing in brick veneer walls.

The requirements for laying subsequent brick veneer courses for straight walls, internal corners and external corners.

Range includes – placing full, half, three quarter and other cut bricks, forming control joints, incorporate and air vents.

The requirements and methods for laying brick veneer courses for corners other than 90 degrees.

The methods to form brick veneer double storey walls, raking walls, and gable walls.

Range double storey walls must include – ties, loads, lintels, requirements for laying bricks when working at heights.

The requirements and methods to form and complete openings.

Range door, window, penetration for services;  
methods include integration of – cut bricks, sill, lintel, flashing, shelf angle.

The purpose of tooling brick joints.

Range raked out, half round, flush.

The requirements to finish brick surfaces.

Range clean surface, brush, bag, sponge and seal, fill in wash-out ports, chemical washing.

## **Skills**

Set up to lay brick veneer walls.

Range may include use of – profiles, gauge rods, string or plumb lines, laser levels.

Set out the first course for brick veneer walls.

Range positions for clean outs, control joints, weep holes, bond patterns.

Safely cut bricks for laying requirements.

Lay subsequent courses for brick veneer straight walls, internal walls, and external walls incorporating brick requirements.

Form and complete openings.

Range door, window, penetration for services;  
methods include integration of – cut bricks, sill, lintel, flashing, shelf angle.

Finish brick surfaces.

## Performance level guidance

Performance must reflect laying bricks to form single storey rectangular walls, raking or gable walls, 90 degree internal and external corners.

Performance must reflect workplace procedures, legislative requirements, New Zealand Standards, best practice guides, job documentation and job specifications relevant to laying brick veneers.

Performance laying veneer bricks may also include 90 series veneer blocks.

<b>Planned review date</b>	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

<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>.

## Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council [qualifications@WaihangaAraRau.nz](mailto:qualifications@WaihangaAraRau.nz) if you wish to suggest changes to the content of this unit standard.