

<b>Title</b>	<b>Prepare for laying structural block masonry</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>7</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 prepare for laying structural block masonry 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 corroborated and confirmed by a person who has current expertise the brick and block laying trade.

### 2 Definitions

*Job documentation* refers to approved plans for the specific work to be carried out. *Job specifications* provides detailed guidance on how the work is to be carried out, including Engineer's specifications.

*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.waihangaarau.nz](http://www.waihangaarau.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.

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

- NZS 4210:2001 *Masonry construction: Materials and workmanship*
- NZS 4229:2013 *Concrete masonry buildings not requiring specific engineering design*
- NZS 4230:2004 *Design of reinforced concrete masonry structures*.

Best practice and good practice guidelines

- CCANZ CP 10:2014 *Code of Practice for Weathertight Concrete and Concrete Masonry Construction*, available from <https://concretenz.org.nz>
- *New Zealand Concrete Masonry Manual*, and other ConcreteNZ publications available from <https://concretenz.org.nz>
- *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

Prepare for laying structural block masonry.

### Knowledge

The site set up requirements in readiness for laying structural blocks.

Range includes – confirming the suitability of pre-erected scaffolding.

The required characteristics of foundations constructed as the base for laying structural blocks.

Range includes – line, level, plumb, acceptable tolerances, condition of damp proof course, position of reinforcing starters.

The required characteristics of building substrates for laying structural blocks.

Range includes – line, level, plumb, condition of wrap, flashing systems, position of penetrations and services.

**Skills**

Set up the site ready for laying structural blocks.

Range includes – confirming the suitability of pre-erected scaffolding.

Inspect and confirm suitability of foundation and substrate ready for laying structural blocks.

Range includes – line, level, plumb, condition of damp proof course, position of reinforcing starters, condition of wrap, flashing systems, position of penetrations and services.

Check quality, quantity, consistency and finish of delivered materials for structural block projects.

Prepare materials ready for laying blocks.

Range includes – stacking, blending, re-positioning, covering, protecting.

**Performance level guidance**

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

<b>Replacement information</b>	This unit standard and unit standard 33072 replaced unit standard 31335.
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<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	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 Waihangara Ara Rau Construction and Infrastructure Workforce Development Council at [qualifications@WaihangaraAraRau.nz](mailto:qualifications@WaihangaraAraRau.nz) if you wish to suggest changes to the content of this unit standard.