

Title	Place foundations for construction stonemasonry		
Level	4	Credits	8

Purpose	<p>This unit standard is intended for those working in the stonemasonry industry.</p> <p>People credited with this unit standard are able to place foundations for construction stonemasonry to the level of performance required of a commercially competent construction stonemason.</p>
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Classification	Masonry > Stonemasonry
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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 Stonemasonry – Specifications*, and the *New Zealand Certificate in Stonemasonry (Level 4) with strands in Monumental Masonry, Construction Stonemasonry, and Natural Stone Fixtures and Fittings (with optional strands in Banker Masonry, and Conservation and Preservation)* [Ref: 2737].

Evidence for this unit standard must reflect commercial competence.

Commercial competence requires the candidate to demonstrate knowledge and skills in the context of the currently accepted requirements of a business operating in a commercial environment.

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

2 Definition

Workplace procedures refer to the documented procedures specific to a workplace which sets out the standard and the required practices of that workplace, which may include workplace codes of conduct, workplace safety policies and management plans, job specifications, and building requirements.

- 3 Legislation, standards and guidance information relevant to this standard includes the following, and any subsequent amendments and replacements:
- Health and Safety at Work Act 2015.
 - *New Zealand Certificate in Stonemasonry – Specifications*, Waihanga Ara Rau, February 2023, available from www.waihangaararau.nz.
 - *New Zealand Building Code*, available from [Building Performance](#).
 - NZS 3604:2011 *Timber framed buildings*, available from Standards New Zealand www.standards.govt.nz.
 - *Stonemasonry Best Practice Guide 2022*, available from New Zealand Stone Masons Association [New Zealand Stone Mason Association | Stonemasonry Best Practice Guide \(nzsma.co.nz\)](#).

Skill specification and performance level guidance

Skill specification

Place foundations for construction stonemasonry.

Knowledge

The different construction methods used to create concrete foundations.

How to construct formwork for concrete foundations for stonemasonry structures.

Range may include – stud and sheathing, shutters, in-ground foundation.

How to manage damp proofing, drainage and building services.

How to cut, bend, and tie reinforcing steel for concrete foundations.

How to place and finish concrete.

Skills

Set out, excavate, and construct formwork for concrete foundations.

Use systems for damp proofing and drainage.

Accommodate applicable building services.

Cut, bend, and tie reinforcing steel.

Place and finish concrete.

Performance level guidance

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

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 November 2017	31 December 2026
Review	2	28 September 2023	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.