

Title	Maintain the standards of the concrete construction industry as a concrete construction worker		
Level	3	Credits	5

Purpose	<p>This unit standard is intended for those working in the concrete construction industry.</p> <p>People credited with this standard are able to maintain the standards of the concrete construction industry as a concrete worker.</p>
----------------	---

Classification	Concrete > Concrete Core Skills
-----------------------	---------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

1 Assessment

This unit standard is intended to align with the *New Zealand Certificate in Concrete Construction Skills Specifications* and the *New Zealand Certificate in Concrete Construction Skills (Level 3)* [Ref: 4189].

It is expected that this unit standard will be awarded near the completion of a programme leading to the achievement of all outcomes of the *New Zealand Certificate in Concrete Construction Skills (Level 3)* [Ref: 4189].

Evidence for this standard must reflect commercial standards.

Commercial standards refer to verbal and written information covering company policy, standard operating procedures and processes and job-specific instructions.

Working to commercial standards refers to the ability to consistently:

- perform standard processes to current industry standards, on demand and within a commercially acceptable timeframe;
- perform non-standard processes to current industry standards, on demand and within a commercially acceptable timeframe, under the supervision of a commercially competent practitioner.

Working to commercial standards must be confirmed by a person with current expertise in the concrete construction process relevant to the qualification and strand in which the candidate is being assessed.

2 Definitions

Concrete construction refers to any of these; formwork construction, fixing reinforcing, placing and finishing concrete, applying specified finishes to concrete surfaces, precast concrete manufacture, concrete product manufacture, sawing or drilling concrete.

Sustainability refers to the environmental, economic and social practices undertaken in a concrete construction workplace that contribute to improvement of the building and construction industry.

3 Legislation, standards and guidance information relevant to this standard includes the following; and any subsequent amendments and replacements.

New Zealand Certificate in Concrete Construction Skills – Specifications, BCITO, May 2021, accessed at www.bcito.org.nz.

Legislation accessed at www.legislation.govt.nz

- Building Act 2004
- Construction Contracts Act 2002
- Health and Safety at Work Act 2015
- Resource Management Act 1991
- Health and Safety at Work (General Risk and Workplace Management) Regulations 2016
- The New Zealand Building Code.

Standards accessed at www.standards.govt.nz

- NZS 3101.1&2:2006 *Concrete structures*
- NZS 3109:1997 *Concrete construction*
- NZS 3114:1987 *Specification for concrete surface finishes*
- NZS 3124:1987 *Specification for concrete construction for minor works*
- NZS 4230:2004 *Design of reinforced concrete masonry structures.*

Guidelines and Approved Codes of Practice accessed at www.worksafe.govt.nz for the following topics:

- *Load-lifting rigging*
- *Manual handling*
- *Management of substances hazardous to health*
- *Management of noise*
- *Powder-actuated, hand-held fastening tools*
- *Power-operated elevating work platforms*
- *Safe work with precast concrete*
- *The essential health and safety toolkit.*

Skill specification and performance level guidance

Skill specification

Maintain the standards of the concrete construction industry as a concrete construction worker.

Knowledge

The requirements for undertaking concrete construction work under supervision to a commercial standard.

The workplace practices required to assure quality of work.

The connection between workplace standards of practice and the improvement of the building and construction industry.

Skills

Perform concrete construction on-site to commercial standards.

Range includes – the use of literacy and numeracy skills required for task completion.

Demonstrate behaviour that meets industry and commercial standards on a day-to-day basis.

Range includes – working constructively with work colleagues and others, being consistently reliable, responsible and accountable, making and keeping commitments, and showing respect and consideration for people, property and the environment.

Fulfil responsibilities in the workplace to meet employment and education agreements.

Comply with procedures to assure quality through all areas of concrete construction work.

Participate in learning and development in the concrete construction industry.

Performance level guidance

Performance must reflect current regulatory, industry and commercial standards relevant to concrete construction in a concrete construction workplace.

Planned review date	31 December 2026
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 October 2021	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 the Building and Construction Industry Training Organisation national.office@bcito.org.nz if you wish to suggest changes to the content of this unit standard.