

Title	Apply health and safety, and environmental protection practices in a concrete construction workplace		
Level	3	Credits	10

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 apply health and safety, and environmental protection practices in a concrete construction workplace to commercial standards.</p>
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Classification	Concrete > Concrete Core Skills
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Available grade	Achieved
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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].

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 concrete construction.

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.

Environmental protection practices refer to actions taken to protect and mitigate the environmental and public health risks associated with concrete construction activities.

Health and safety practices refer to the application of legislative frameworks including the hierarchy of Acts of Parliament, Regulations, Rules, local by-laws, Codes, Standards, approved codes of practice, and best practice guidelines.

Workplace procedures refers to the documented procedures specific to a workplace that set out the standards and 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 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.

Standards accessed at www.standards.govt.nz

- NZS 3101.1&2:2006 *Concrete structures*
- NZS 3109:1997 *Concrete construction*
- NZS 3124:1987 *Specification for concrete construction for minor works*
- NZS 3604:2011 *Timber-framed buildings*
- NZS 4230:2004 *Design of reinforced concrete masonry structures*
- AS/NZS 4671:2019 *Steel for the reinforcement of concrete*.

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*.

Skill specification and performance level guidance

Skill specification

Apply health and safety, and environmental protection practices in a concrete construction workplace.

Knowledge

The practices applied to concrete construction to protect the health and safety of self and others.

The practices applied to concrete construction to protect the environment.

Skills

Apply health and safety practices to concrete construction in a concrete construction workplace.

Apply environmental protection practices to concrete construction in a concrete construction workplace.

Performance level guidance

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

Practices applied must be according to workplace procedures.

Planned review date	31 December 2026
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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
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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 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.