

Title	Establish and maintain a concrete construction site		
Level	4	Credits	10

Purpose	<p>This unit standard is intended for people working in the concrete construction industry.</p> <p>People credited with this standard can establish and maintain a concrete construction site to the level of performance required of a commercially competent tradesperson.</p>
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Classification	Concrete > Concrete Construction
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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 (Commercial and Civil Infrastructure) – Specifications* and the *New Zealand Certificate in Concrete Construction (Commercial and Civil Infrastructure) (Level 4)* [Ref: 4188].

Evidence for this unit standard must reflect commercial competence.

Commercial competence refers to the ability 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 with current expertise in concrete construction.

2 Definition

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:

Specifications available from qualifications@waihanga.nz

- *New Zealand Certificate in Concrete Construction (Commercial and Civil Infrastructure) – Specifications*, BCITO, October 2020.

Legislation accessed at www.legislation.govt.nz

- Building Act 2004
- Construction Contracts Act 2002
- 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*.

Guidelines and Approved Codes of Practice accessed at www.worksafe.govt.nz

- *Practical Guide for Working Safely With Hazardous Substances*
- *The Absolutely Essential Health and Safety Toolkit*.

New Zealand Guide to Concrete Construction 2011 (Revised Edition) accessed at www.concretenz.org.nz.

Skill specification and performance level guidance

Skill specification

Establish and maintain a concrete construction site.

Knowledge

How to identify relevant site information from survey information in site plans.

The site facilities required and their role in allowing safe construction activity to start and progress.

Range facilities include – power and water supply, sheds, toilets, fences, and hoardings.

The access and delivery requirements for concrete construction sites.

The temporary storage and protection requirements for materials, tools, plant and equipment.

The requirements for management and disposal of on-site waste.

Range includes – ongoing clean up and management of on-site waste materials, wash down areas and correct treatment of hazardous materials.

Traffic management requirements on-site and onto the site.

Skills

Identify the site boundaries, the position of proposed and/or existing structures on site and any features or physical attributes requiring specific consideration for protection.

Organise and set up necessary site facilities according to plans and design specification.

Co-ordinate deliveries of materials, and movement of tools, plant and equipment around site to enable construction to progress.

Disestablish the site at the end of the construction programme.

Range includes – removal of all waste, reinstatement of boundary structures, cleaning and repair of any property affected by construction activity.

Performance level guidance

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

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	27 January 2022	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 Waihangā Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihanga.nz if you wish to suggest changes to the content of this unit standard.