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| Title | Set-out for in-ground and above-ground concrete construction | | |
| Level | 4 | Credits | 10 |

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| Purpose | <p>This unit standard is intended for people working in the concrete construction industry.</p> <p>People credited with this standard can set-out for in-ground and above-ground concrete construction 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 Definitions

Design specifications refers to the detailed description, characteristics, quantity, and quality, ratio and formation method of the material used in construction work.

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

- 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*.

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

- *The Absolutely Essential Health and Safety Toolkit*.

Skill specification and performance level guidance

Skill specification

Set-out for in-ground and above-ground concrete construction.

Knowledge

How to interpret surveying information relevant to the set-out process.

How to set out construction control lines, and profiles, and mark set-out points for in-ground and above-ground concrete construction.

Skills

Set out for in-ground and above-ground concrete construction.

Range includes – locating position of building work, fixing profiles, marking set out points.

Performance level guidance

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

Set-out must meet or exceed that required to form grids and levels over a site according to design specifications and plans.

Setting out a site for concrete construction will be under the supervision of the Construction Manager or their representative.

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| 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 |

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| 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 at qualifications@waihanga.nz if you wish to suggest changes to the content of this unit standard.