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| Title | Apply job documentation to concrete construction | | |
| Level | 3 | Credits | 5 |

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| 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 job documentation to concrete construction 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.

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
- 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 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 job documentation to concrete construction.

Knowledge

The range of job documentation associated with concrete construction.

Range job documentation includes but is not limited to – detail drawings, materials schedules, job sheets.

The meaning of scales, symbols, dimensions, abbreviations and terminology used in job documentation associated with concrete construction.

The record keeping requirements for concrete construction.

Skills

Apply information from job documentation to complete concrete construction according to design specifications.

Maintain accurate job records for concrete construction.

Performance level guidance

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

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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 | 28 October 2021 | 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 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.