

Title	Drill concrete using hand-held power tools		
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 drill concrete using hand-held power tools to commercial standards.</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 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 drilling.

2 Definitions

Drilling concrete refers to processes to drill hardened concrete using hand-held concrete drilling tools and associated equipment.

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

- Health and Safety at Work Act 2015
- Resource Management Act 1991
- Health and Safety at Work (General Risk and Workplace Management) Regulations 2016.

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

- *Management of substances hazardous to health*
- *Management of noise*
- *Safe work with precast concrete*
- *The essential health and safety toolkit.*

Skill specification and performance level guidance

Skill specification

Drill concrete using hand-held power tools.

Knowledge

The set-up procedures for drilling concrete using hand-held power tools.

The procedures required to protect the surrounding concrete surface, self, others and the environment from concrete drilling activity.

Skills

Set-up for concrete drilling.

Range includes – selection of the correct drilling tool, completing safety checks and preparation for safe drilling practices.

Drill concrete using hand-held power tools.

Protect the surrounding concrete surface, self, others and the environment during drilling activity.

Range protection must include – slurry and dust control, and the application of personal protective equipment during drilling activity.

Performance level guidance

Performance must reflect current regulatory, industry and commercial standards relevant to concrete drilling.

Concrete drilling and safety practices must be according to workplace procedures.

Replacement information	This unit standard and unit standard 32688 replaced unit standard 12042 and unit standard 26828.
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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

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.