

<b>Title</b>	<b>Saw concrete using hand-held power tools</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>This unit standard is intended for those working in concrete construction.</p> <p>People credited with this standard are able to saw concrete using hand-held power tools to commercial standards.</p>
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<b>Classification</b>	Concrete > Concrete Construction
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<b>Available grade</b>	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 sawing construction.

### 2 Definitions

*Sawing concrete* refers to processes to saw hardened concrete using hand-held concrete sawing power 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](http://www.bcito.org.nz).

Legislation accessed at [www.legislation.govt.nz](http://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](http://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.*

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## Skill specification and performance level guidance

### Skill specification

Saw concrete using hand-held power tools.

### Knowledge

The set-up procedures for sawing concrete using handheld power tools.

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

### Skills

Set-up for concrete sawing.

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

Saw concrete using a hand-held power tool.

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

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

## Performance level guidance

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

Sawing concrete must be according to workplace procedures.

<b>Replacement information</b>	This unit standard and unit standard 32689 replaced unit standard 12042 and unit standard 26828.
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<b>Planned review date</b>	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

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:national.office@bcito.org.nz) if you wish to suggest changes to the content of this unit standard.