

National Certificate in Concrete Construction (Sawing and Drilling) (Level 3)

Level 3

Credits 74

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2023.

Transition Arrangements

This qualification was republished in December 2021 to extend the last date for entry to programmes from 31 December 2021 to 30 June 2022. The last date for assessment has been extended from 31 December 2022 to 31 December 2023, when it will be discontinued.

This qualification has been replaced by the New Zealand Certificate in Concrete (Specialist) (Level 4) with strands in Concrete Sawing and Drilling, and Prestressed Concrete [Ref: 4186].

People currently working towards this qualification must either complete the requirements by 31 December 2023 or transfer to the replacement New Zealand qualification.

Version 1

This qualification contains standards that replace earlier standards. For the purposes of this qualification, people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement standards – see table below.

Credit for	Exempt from
6400	26551, 26552
6401	26552
6402	26551
6401, 6402	26551, 26552

For detailed information see [Review Summaries](#) on the NZQA website.

NQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	18 February 2011	31 December 2021
Review	2	28 November 2019	31 December 2021
Republication	2	26 March 2020	31 December 2021
Republication	2	26 November 2020	31 December 2021
Republication	2	24 June 2021	31 December 2022
Republication	2	16 December 2021	31 December 2023

Standard Setting Body

Waihanga Ara Rau Workforce Development Council
PO Box 445
Wellington 6140

Telephone 04 909 0174
Email Qualifications@waihanga.nz
Website www.waihanga.nz

Reviewed

National Certificate in Concrete Construction (Sawing and Drilling) (Level 3)

Level 3

Credits 74

Purpose

The National Certificate in Concrete Construction (Sawing and Drilling) (Level 3) is designed for people who want to work in the sawing and drilling sector of the concrete industry. It also provides a means of recognising current competence for those already working in the industry.

The qualification includes a Compulsory section which recognises the core skills and knowledge required by industry for sawing and drilling workers. These skills and knowledge relate to safe working practices; operating procedures; use and maintenance of plant and equipment; environmental management; slurry control; anchoring of equipment; and sawing and drilling concrete.

The Elective section includes standards which cover knowledge and skills related to first aid; confined space entry; specialist sawing and drilling tasks. These elective standards allow for flexibility within the qualification and can be used to recognise specific skills and knowledge gained within the candidate's own work environment.

The qualification builds on the underpinning skills and knowledge provided by the National Certificate in Concrete Core Skills (Level 2) [Ref: 1452], and shares standards in common with other qualifications in the Concrete subfield at Level 3 and above, allowing transferable skills to be recognised between the different sectors of the concrete industry.

Special Notes

- 1 It is expected that candidates for this qualification will have an existing basic knowledge of concrete industry practices. Consequently, credit for standards 24879, 24880, 24881, 24882 and 24883, or the demonstration of equivalent knowledge and skills, is a prerequisite for entry to this qualification.
- 2 Due to the health and safety requirements of the sites in which these trade skills are applied, people entering programmes of education and training leading to the award of this qualification must demonstrate the capacity to understand any and all requirements, instructions, and communications (oral, written and graphic), to the required industry level. This might be evidenced by unit standards or achievement standards from the Communication Skills and English subfields at Level 2 or above, or the demonstration of equivalent knowledge and skills.

- 3 Recognition of current competence acknowledges the skills and knowledge gained from work and experience, or from courses or study undertaken. Assessment of recognition of current competence may be conducted by an assessor appointed by the Building and Construction Industry Training Organisation, or an accredited provider.

Application for recognition of current competence may be initiated by contacting the Building and Construction Industry Training Organisation.

Credit Range

	Compulsory	Elective
Level 1 credits	–	0–1
Level 2 credits	14	0–1
Level 3 or above credits	46	0–14
Minimum totals	60	14

Requirements for Award of Qualification

Award of NZQF National Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided on the New Zealand Qualifications Authority (NZQA) website: <http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/>.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- Compulsory standards
- Elective – A minimum of 14 credits as specified

Detailed Requirements

Compulsory

The following standards are required

Health > Occupational Health and Safety > Occupational Health and Safety Practice

ID	Title	Level	Credit
18426	Demonstrate knowledge of hazards associated with confined space	3	4

Planning and Construction > Concrete > Concrete Construction

ID	Title	Level	Credit
26822	Demonstrate knowledge of the process for anchoring concrete sawing and drilling equipment	2	2
26824	Demonstrate knowledge of concrete core drilling, and concrete core drilling equipment	3	3
26825	Demonstrate knowledge of concrete sawing, and concrete sawing equipment	3	3
26826	Perform core drilling of concrete on site	3	6
26827	Perform floor sawing of concrete on site	3	8
26828	Perform hand-held sawing of concrete on site	3	8
26830	Demonstrate knowledge of concrete slurry control, and control concrete slurry	3	2

Planning and Construction > Concrete > Concrete Core Skills

ID	Title	Level	Credit
26058	Demonstrate knowledge of environmental management within the concrete industry	3	5
26060	Demonstrate knowledge of, safely use, and maintain concrete industry plant and equipment	2	6
26061	Prepare to perform concrete industry operations	2	3
26062	Describe standard operating procedures in a concrete industry workplace	2	3

Planning and Construction > Construction Trades > Core Construction

ID	Title	Level	Credit
12997	Demonstrate knowledge of safe working practices on construction sites	3	3
13036	Carry out safe working practices on construction sites	4	4

Elective

A minimum of 14 credits

Health > Health Studies > First Aid

ID	Title	Level	Credit
26551	Provide first aid for life threatening conditions	2	1
26552	Demonstrate knowledge of common first aid conditions and how to respond to them	2	1

Health > Occupational Health and Safety > Occupational Health and Safety Practice

ID	Title	Level	Credit
17599	Plan a confined space entry	4	5

Planning and Construction > Concrete > Concrete Construction

ID	Title	Level	Credit
26823	Perform deep floor sawing of concrete on site	4	10
26829	Perform large core, and deep, drilling of concrete on site	4	12
26831	Perform track-mounted wall sawing of concrete on site	3	12
26832	Perform wire sawing of concrete on site	3	12

Planning and Construction > Concrete > Concrete Core Skills

ID	Title	Level	Credit
26054	Perform a confined space entry in the concrete industry	3	5

Planned Review

Any person or organisation may contribute to the review of this qualification by sending feedback to the standard setting body at the above address.

Next Review	2015
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Other standard setting bodies whose standards are included in the qualification

The Skills Organisation
NZQA

Certification

This certificate will display the logos of NZQA, the Building and Construction Industry Training Organisation and the organisation that has been granted consent to assess against standards that meet the requirements of the qualification (accredited).

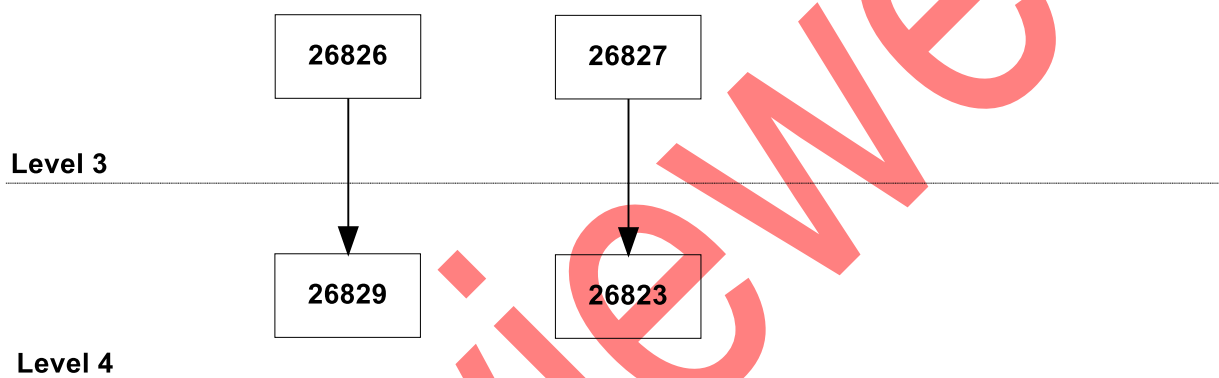
Classification

This qualification is classified according to the classification system listed on the Directory of Assessment Standards (DAS) and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description
2098	Planning and Construction > Concrete > Concrete Construction	040399	Architecture and Building > Building > Building not elsewhere classified

Quality Management Systems
 Providers and Industry Training Organisations must be granted consent to assess by a recognised Quality Assurance Body before they can register credits from assessment against standards. Accredited providers and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Accreditation requirements and the moderation system are outlined in the associated Consent and Moderation Requirements (CMR) for each standard.

Prerequisite Diagram



Recommended Diagram

