

## National Certificate in Concrete Product Manufacture (Masonry Product) (Level 3)

**Level** 3

**Credits** 69

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 into programmes leading to this qualification from 31 December 2021 to 30 June 2022. The last date for assessment has been extended from 31 December 2022 to 31 December 2023.

This qualification has been replaced by the New Zealand Certificate in Concrete Construction Skills (Level 3) with strands in Formwork, Reinforcing, Placing and Finishing, Specified Concrete Finishes, Concrete Product Manufacture, Concrete Sawing and Drilling, and Precast Concrete Manufacture [Ref: 4189].

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

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

### NZQF Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	January 2010	31 December 2022
Review	2	November 2019	31 December 2022
Republication	2	March 2020	31 December 2022
Republication	2	November 2020	31 December 2022
Republication	2	July 2021	31 December 2022
Republication	2	December 2021	31 December 2023

### Standard Setting Body

Waihanga Ara Rau Workforce Development Council  
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## National Certificate in Concrete Product Manufacture (Masonry Product) (Level 3)

<b>Level</b>	<b>3</b>
<b>Credits</b>	<b>69</b>

### Purpose

The National Certificate in Concrete Product Manufacture (Masonry) (Level 3) [Ref: 1530] is designed for people wishing to work in the masonry product manufacturing industry. It also provides a means of recognising current competence for those already working in the industry.

The Compulsory section of the qualification recognises the core skills and knowledge required by industry for masonry product manufacturers, including detailed knowledge of all aspects of the masonry product manufacturing process, safety, use of plant and equipment, and curing of concrete. The Elective section offers the choice of a range of skills relevant to the masonry product manufacturing industry which can be tailored to each candidate's individual needs or area of specialisation in the workplace, such as testing of product, secondary processing, ordering and dispatch, or in-depth safety knowledge.

The qualification builds on the underpinning knowledge and skills provided by the National Certificate in Concrete Core Skills (Level 2) [Ref: 1452].

### Special Notes

It is expected that candidates for this qualification will have an existing basic knowledge of concrete industry practices. Consequently, standards 24879, 24880, 24881, 24882 and 24883, or the demonstration of equivalent knowledge and skills, is a prerequisite for entry to this qualification.

### Credit Range

	<b>Compulsory</b>	<b>Elective</b>
Level 2 credits	10	0-5
Level 3 or above credits	54	0-5
Minimum totals	64	5

## Requirements for Award of Qualification

### Award of NQF 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 in section 7 of the New Zealand Qualifications Authority (NZQA) Rules and Procedures publications available at <http://www.nzqa.govt.nz/ncea/acrp/index.html>.

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 5 credits as specified

### Detailed Requirements

#### Compulsory

The following standards are required

Engineering and Technology > Mechanical Engineering > Maintenance and Diagnostics in Mechanical Engineering

ID	Title	Level	Credit
2401	Shut down, isolate and start up machines and equipment	3	3

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 Core Skills

ID	Title	Level	Credit
26051	Demonstrate knowledge, and carry out curing, of concrete	2	8

Planning and Construction > Concrete > Concrete Product Manufacture

ID	Title	Level	Credit
26041	Operate a masonry block machine for masonry product manufacture	4	16
26042	Demonstrate knowledge of masonry product manufacture	3	8
26043	Demonstrate knowledge of, assemble, service and maintain moulds for masonry product manufacture	3	10

ID	Title	Level	Credit
26044	Palletise finished masonry product	2	2
26069	Receive, store and maintain materials for concrete product manufacture	3	6

#### Planning and Construction > Construction Trades > Core Construction

ID	Title	Level	Credit
26039	Demonstrate knowledge of safe working and environmental practices in construction industry manufacturing workplaces	3	3
26040	Carry out safe working and environmental practices in construction industry manufacturing workplaces	4	4

#### Elective

A minimum of 5 credits

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

ID	Title	Level	Credit
17596	Demonstrate knowledge of safety observer responsibilities in the workplace	3	8
17599	Plan a confined space entry	4	5
17600	Explain safe work practices for working at heights	3	3

#### Planning and Construction > Concrete > Concrete Core Skills

ID	Title	Level	Credit
26060	Demonstrate knowledge of, safely use, and maintain concrete industry plant and equipment	2	6

#### Planning and Construction > Concrete > Concrete Product Manufacture

ID	Title	Level	Credit
26045	Receive orders and dispatch masonry product	3	4
26046	Perform secondary processing for masonry product manufacture	2	4
26047	Perform sampling and testing for manufactured masonry products	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	2014
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## Other standard setting bodies whose standards are included in the qualification

Competenz  
The Skills Organisation

## Certification

This certificate will display the logos of NZQA, the Building and Construction Industry Training Organisation and the accredited organisation.

## Classification

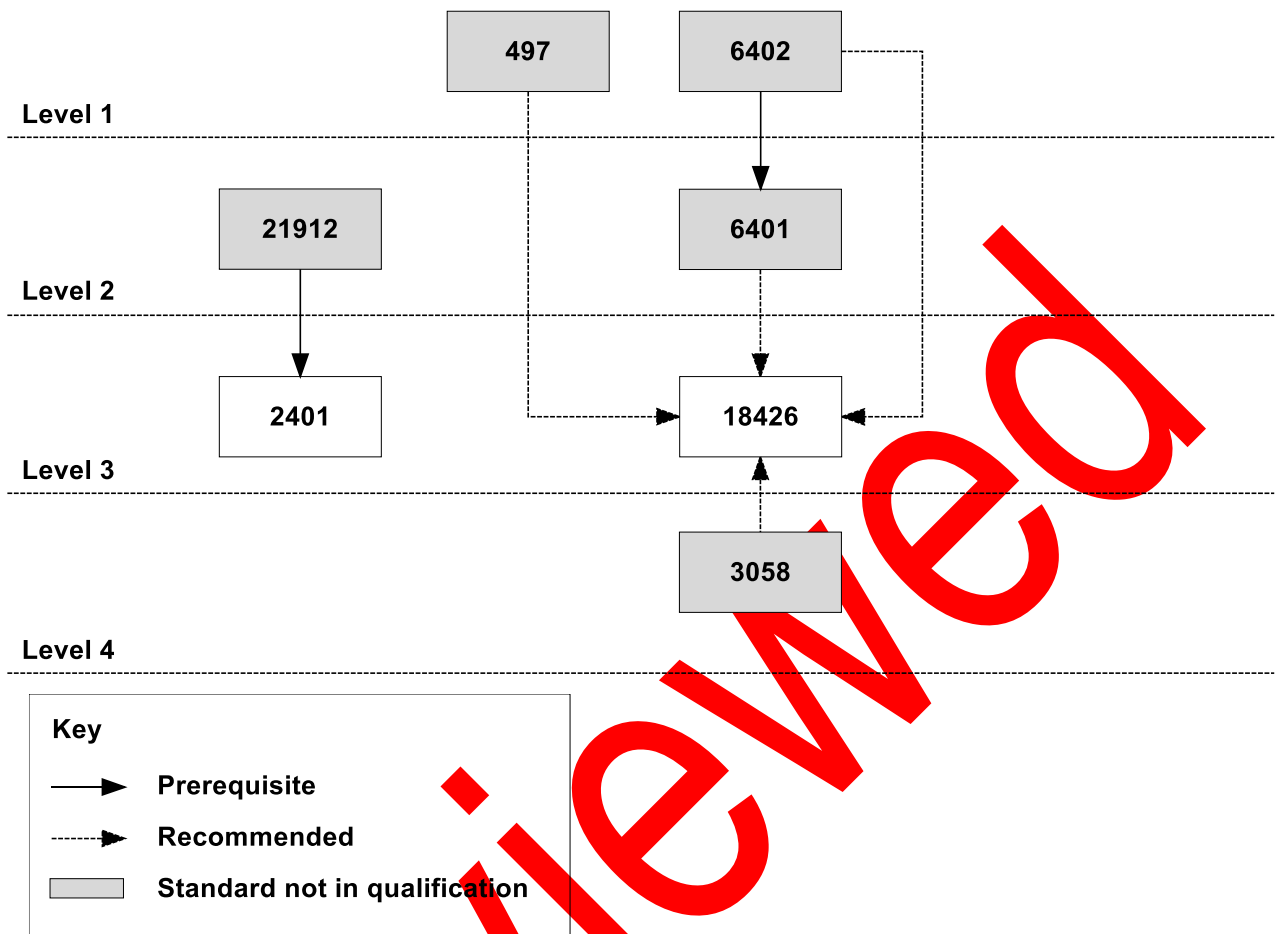
This qualification is classified according to the NQF classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

NQF Classification		NZSCED	
Code	Description	Code	Description
2101	Planning and Construction > Concrete > Concrete Product Manufacture	040399	Architecture and Building > Building > Building not elsewhere classified

### Quality Management Systems

Providers and Industry Training Organisations must be accredited 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



REVIEWED