

Title	Carry out routine tests on hardened concrete		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to describe methods of testing, and test, hardened concrete; and complete work operations.
----------------	---

Classification	Concrete > Concrete Core Skills
-----------------------	---------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 Definition
Workplace practice refers to the documented procedures specific to a workplace which set out the standard and required practices of that workplace.
- 2 Credit for this unit standard indicates compliance with industry practice. *Industry practice* refers to the ability to demonstrate knowledge and skills that reflect the uniformity, finish quality, and material economies currently accepted within industry.
- 3 Legislation and publications relevant to this unit standard include:
Health and Safety at Work Act 2015
Health and Safety Regulations 1995
NZS 3104:2021 *Specification for concrete production*
NZS 3112.2:1986 *Methods of test for concrete – Tests relating to the determination of strength of concrete*, available from Standards New Zealand
<http://www.standards.govt.nz>.

Outcomes and performance criteria

Outcome 1

Describe methods of testing, and test, hardened concrete.

Performance criteria

- 1.1 Methods of testing hardened concrete are described in terms of testing for density, compressive strength, tensile strength, and flexural strength.
- 1.2 Hardened concrete is tested to determine density and compressive strength in accordance with workplace practice and NZS 3112.

Outcome 2

Complete work operations.

Performance criteria

- 2.1 All operations are safely completed, workplace and equipment are cleaned in accordance with workplace practice and environmental safety requirements, and routine maintenance is carried out in accordance with workplace practice.
- 2.2 All documentation is completed in accordance with workplace practice.

Planned review date	31 December 2027
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 November 2009	31 December 2024
Review	2	24 November 2022	N/A

Consent and Moderation Requirements (CMR) reference	0048
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Waihangara Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihangaraarau.nz if you wish to suggest changes to the content of this unit standard.