

Title	Demonstrate knowledge of transporting fresh concrete, and transport fresh concrete in own workplace		
Level	2	Credits	3

Purpose	People credited with this unit standard are able to: demonstrate knowledge of transporting fresh concrete; transport fresh concrete in own workplace; and complete work operations.
----------------	---

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

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

Guidance Information

Legislation relevant to this unit standard includes:
 Health and Safety in Employment Act 1992 and Health and Safety in Employment Regulations 1995;
 Resource Management Act 1991;
 NZS 3104:2003 *Specification for concrete production* and NZS 3109:1997 *Concrete construction*, available from Standards New Zealand (<http://www.standards.co.nz>).

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of transporting fresh concrete.

Performance criteria

1.1 Methods of transporting fresh concrete are identified and described in terms of effect on concrete during transportation.

Range truck, pump, wheelbarrow, conveyor, skip, chute, tremie.

1.2 Considerations are identified and described for maintaining the quality of concrete during transportation.

Range weather, contamination, temperature, volume, time, segregation, slump, mix design, logistical considerations.

Outcome 2

Transport fresh concrete in own workplace.

Performance criteria

2.1 Means of transport is selected in accordance with considerations for maintaining quality.

Range three of – truck, pump, wheelbarrow, conveyor, skip, chute, tremie.

2.2 Concrete is transported within time constraints, and quality of concrete is maintained throughout transportation.

Outcome 3

Complete work operations.

Performance criteria

3.1 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.

Replacement information	This unit standard replaced unit standard 12023.
--------------------------------	--

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 November 2009	31 December 2023
Review	2	28 October 2021	31 December 2023

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

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