

Title	Describe the use of concrete and reinforcing in landscape work		
Level	3	Credits	6

Purpose	People credited with this unit standard are able to describe the use of concrete and reinforcing in landscape work.
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Classification	Horticulture > Landscape
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Available grade	Achieved
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Guidance Information

- 1 Legislation and standards relevant to this unit standard include but are not limited to:
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991;
 - Hazardous Substances and New Organisms Act 1996;
 - NZS 3104:2003, *Specification for concrete production*; NZS 3109:1997, *Concrete construction*; NZS 3114:1987, *Specification for concrete surface finishes*; NZS 3124:1987, *Specification for concrete construction for minor works*, available from <http://www.standards.co.nz>; and any subsequent amendments.
- 2 Definition
Workplace procedures refer to the procedures and standards set by the client or employing organisation for use of concrete and reinforcing and must be consistent with equipment manufacturers guidelines.
- 3 All evidence presented in this assessment must be in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Describe the use of concrete in landscape work.

Performance criteria

- 1.1 Describe the uses and limitations of concrete.
- 1.2 Describe concrete features, and their implications for applications and situations.

Range features – strengths, slumps, additives, curing, protection.

1.3 Describe the types of finishes used for concrete.

Range evidence of three types of finishes is required.

1.4 Describe the situations and applications for batch made and on-site concrete mixing.

Outcome 2

Describe the characteristics and use of reinforcing in landscape work.

Performance criteria

2.1 Describe the characteristics of types of reinforcing, and the reasons why reinforcing is used in construction of landscape features.

Range deformed bars, steel mesh reinforcing;
evidence of three landscape features is required.

Replacement information	This unit standard replaced unit standard 22204.
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Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 March 2018	31 December 2025
Review	2	28 July 2022	N/A

Consent and Moderation Requirements (CMR) reference	0052
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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 Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.