

Title	Construct reinforced concrete structures in landscape work		
Level	4	Credits	8

Purpose	People credited with this unit standard are able to construct reinforced concrete structures 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 relevant to this unit standard includes but is not limited to:
 - Hazardous Substances and New Organisms Act 1996;
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991;
 and any subsequent amendments.
- 2 Definition
Workplace procedures refer to the procedures and standards set by the client or employing organisation for reinforced concrete construction and must be consistent with plans and specifications and manufacturer's guidelines.
- 3 The New Zealand Standards applicable to this unit standard are: NZS 3109:1997 A2, *Concrete construction: Amendment 2*; and NZS 4229:2013 *Concrete masonry buildings not requiring specific engineering design*, available from <http://www.standards.govt.nz>.
- 4 All evidence presented in this unit standard must be in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Construct reinforced concrete structures in landscape work.

Range may include but is not limited to – walls, retaining walls, steps and ramps, columns, piers and posts, storage features, foundations or footings
 evidence of two structures is required.

Performance criteria

- 1.1 Select materials and construct formwork.

- 1.2 Mix and place concrete, or place ready mixed concrete in formwork.
- 1.3 Remove formwork from concrete structure and clean formwork elements.
- 1.4 Describe finishes used for a reinforced concrete structure.
Range evidence of three different finishes is required.
- 1.5 Repair defects and finish concrete surface.
- 1.6 Install or use safety warnings when work is accessible to the public.
- 1.7 Select, prepare, and use the appropriate hand and power tools, and equipment for the task.
- 1.8 Work safely around other people and machinery on site.
- 1.9 Remove surplus material, and tidy the site on completion of the job.

Replacement information	This unit standard replaced unit standard 1013.
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Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 September 2006	31 December 2019
Review	2	29 March 2018	31 December 2025
Review	3	24 March 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.