

Title	Demonstrate knowledge of natural stone, and construct stone features in landscape work		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: demonstrate knowledge of the characteristics, uses, and limitations of natural stone used in construction of landscape features; and construct stone features 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:
 - 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 on construction of stone features and must be consistent with plans and specifications and equipment manufacturer's guidelines.
- 3 The New Zealand Standards applicable to this unit standard are: NZS 3109:1997, *Concrete construction*; NZS 4210:2001, *Masonry construction: Materials and workmanship*; and AS/NZS 4671:2019, *Steel reinforcing materials*, available from <http://www.standards.govt.nz>.
- 4 Any work carried out in playground areas must comply with NZS 5828:2015 *Playground equipment and surfacing*, available from <http://www.standards.govt.nz>.
- 5 All evidence presented in this unit standard must be in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the characteristics, uses, and limitations of natural stone used in construction of landscape features.

Range evidence of four types of natural stone is required.

Performance criteria

- 1.1 Describe the characteristics, uses, and limitations of natural stone used in construction found in the local area.
- 1.2 Identify the geological names of natural stone found in the local area.

Outcome 2

Construct stone features in landscape work.

Range evidence of two stone features from – walls, retaining walls, seats, steps, columns, piers and posts, storage features, stone feature with reinforced concrete backing, is required.

Performance criteria

- 2.1 Calculate the amount of stone and associated materials required.
- 2.2 Select and/or prepare stone as required and build stone features and associated construction work.
- Range associated construction work may include – footings, drainage, waterproofing, cleaning, finishing.
- 2.3 Select, prepare, and use tools and equipment appropriate for the task.
- 2.4 Install or use safety warnings when work is accessible to the public.
- 2.5 Work safely around other people and machinery on site.
- 2.6 Remove surplus material and reinstate the site on completion of the job.

Replacement information	This unit standard replaced unit standard 1015 and unit standard 22203.
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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	29 March 2018	31 December 2025
Revision	2	24 January 2019	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.