

Title	Describe earth retaining structures on an infrastructure worksite		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to describe earth retaining structures on an infrastructure worksite.
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Classification	Infrastructure Works > Infrastructure Civil Works
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Available grade	Achieved
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices in accordance with relevant legislative and industry requirements, local council Accidental Discovery Protocol (ADP) and codes of practice. Assessment of this unit standard does not include knowledge of constructing retaining walls.
- 2 Legislation and regulations relevant to this unit standard include:
 - Conservation Act 1987;
 - Health and Safety at Work Act 2015;
 - Health and Safety in Employment Regulations 1995;
 - Historic Places Act 1993;
 - Regulations 1995;
 - Resource Management Act 1991;
 - Local Authority regulations;
 and all subsequent amendments and replacements.
- 3 Definition
Industry requirements refer to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, procedural documents, Waka Kotahi New Zealand Transport Agency specifications and guidelines.

Outcomes and performance criteria

Outcome 1

Describe earth retaining structures on an infrastructure worksite.

Performance criteria

- 1.1 Regulatory requirements for earth retaining structures are described in accordance with Resource Management Act and Local Authority requirements.
- 1.2 Methods used for the construction of earth retaining structures are described in accordance with Local Authority requirements.
- Range techniques include cantilever wall, anchored wall, mechanical stabilisation (MSE), gabion mesh, soil nailing, and one other description includes features, materials, application, stabilisation.
- 1.3 Construction of earth retaining structures is described in terms of the disturbance of land surfaces, and drainage and backfilling requirements in accordance with local authority requirements.
- 1.4 Health, safety, and environmental procedures, when constructing earth retaining structures, are described.

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	21 May 2015	31 December 2023
Review	2	28 October 2021	N/A

Consent and Moderation Requirements (CMR) reference	0101
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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 Connexis - Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.