

Title	Explain field sampling and collect field samples for infrastructure civil works		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to explain field sampling and collect field samples for infrastructure civil works.
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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 and be in accordance with relevant legislative and industry requirements.
- 2 Legislation relevant to this unit standard include: Health and Safety at Work Act 2015; and all subsequent amendments and replacements.
- 3 Definitions
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.
Technical instructions mean the defined procedures for the method of carrying out the construction process. For this unit standard, they include procedures for meeting laboratory requirements for sampling.

Outcomes and performance criteria

Outcome 1

Explain field sampling for infrastructure civil works.

Performance criteria

- 1.1 The reasons for taking representative field samples are explained.
- 1.2 Methods for taking field samples are explained.

Range	at least two field samples in the context of the candidate's employment.
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- 1.3 Storage, naming, and recording of field samples are explained in accordance with technical instructions.

Range at least two field samples in the context of the candidate's employment.

Outcome 2

Collect field samples for infrastructure civil works.

Range evidence is required of taking two field samples for at least one of – aggregate, soils, concrete.

Performance criteria

- 2.1 Field samples are taken in accordance with laboratory requirements.
- 2.2 Samples are labelled and recorded in accordance with laboratory requirements.
- 2.3 Samples are stored for future testing in accordance with laboratory requirements.
- 2.4 Field testing equipment and instruments are maintained in accordance with laboratory requirements.

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	18 March 2011	31 December 2023
Review	2	19 February 2015	31 December 2023
Review	3	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.