

Title	Demonstrate knowledge of data analysis and presentation for drinking-water assessment		
Level	4	Credits	3

Purpose	People credited with this unit standard are able to demonstrate knowledge of data analysis and presentation for drinking-water assessment.
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Classification	Water Industry > Drinking-Water Assessment
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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 and references relevant to this unit standard include: Health and Safety at Work Act 2015, and subsequent amendments;
Ministry of Health. *Drinking-water Standards for New Zealand, 2005 (Revised 2018)*, and
Ministry of Health. *Guidelines for Drinking-water Quality Management for New Zealand 2017 (3rd ed.)*, available at <https://www.health.govt.nz/>.
- 3 Definitions
Industry requirements may refer to but are not limited to relevant company policies, processes, methodologies, industry codes of practice, company or site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, procedural documents.
Water Safety Plan refers to a plan to ensure the safety and continuity of drinking water through the use of a comprehensive risk assessment and risk management approach that encompasses all steps in water supply from catchment to consumer.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of data analysis and presentation for drinking-water assessment.

Performance criteria

- 1.1 Data required for drinking-water assessment are identified and described in terms of their sources, methods of collection, and application.
- 1.2 Measurement and analysis tools used in drinking-water assessment are described in terms of purpose, function, and application.
- 1.3 Tools for presentation and interpretation of results are described in terms of their appropriateness to the information being presented.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 March 2017	31 December 2022
Review	2	28 January 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.