

Field Engineering and Technology

Review of *Water Reticulation* unit standards

Subfield	Domain	ID
Water Industry	Water Reticulation	18459, 19201, 19204, 19205, 19354, 22099, 22101, 22108 - 22110, 24921, 24926, 30003, 30009, 30094 - 30096

Waihanga Ara Rau Construction and Infrastructure Workforce Development Council has completed the review of the unit standards listed above.

Date new versions published

March 2022

Planned review date

December 2026

Summary

Waihanga Ara Rau Construction and Infrastructure Workforce Development Council identified a group of unit standards due for review in 2021. Stakeholders were consulted by email and through the Connexis website. The group suggested updates to legislation and one unit title change.

Main changes

- Guidance information was updated to align with current legislation.
- The standard setting body was changed to Waihanga Ara Rau Construction and Infrastructure Workforce Development Council.
- The title of unit standard 30094 was amended for consistency with the outcomes.
- Nine unit standards were designated expiring due to low usage.

The last date for assessment of superseded versions of Category B unit standards is December 2023

Category D unit standards will expire in December 2023

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Engineering and Technology > Water Industry > Water Reticulation

ID	Title	Level	Credit	Review Category
18459	Describe drinking-water reticulation system management, and management of critical control points	5	8	B
19201	Demonstrate knowledge of reticulated services and their location, in the water industry	3	4	D

ID	Title	Level	Credit	Review Category
19204	Use as-built plans and produce a field sketch in the water industry	3	5	D
19205	Demonstrate knowledge of pathogens, diseases, and their control in water services reticulation	3	5	B
19354	Manage drinking-water reticulation systems and critical control points	5	8	D
22099	Demonstrate knowledge of water consumption and water conservation	3	3	D
22101	Demonstrate knowledge of water meters and reading techniques, and identify faults in meters	3	3	D
22108	Demonstrate knowledge of water reticulation asset management	4	3	D
22109	Demonstrate knowledge of pumps used in water reticulation	4	5	B
22110	Describe water reticulation asset risk, and asset maintenance for water, wastewater and stormwater	4	4	D
24921	Select, use, and maintain tools and equipment in water reticulation	2	7	D
24926	Refurbish or replace hydrants and valves for water reticulation	4	4	D
30003	Prepare, install fittings, and recommission water mains, for water reticulation	4	6	B
30009	Describe wastewater reticulation system management, and management of critical control points	5	8	B
30094	Demonstrate knowledge of CCTV inspection of non-pressure water services assets Describe CCTV inspection of non-pressure water services assets	3	4	B
30095	Carry out CCTV inspection of non-pressure water services assets	4	6	B
30096	Report on pipe condition for a CCTV inspection of non-pressure water services assets	4	4	B