

41235**Implement treatment process requirements in water services to protect people, communities, and the environment**

Kaupae Level	4
Whiwhinga Credit	6
Whāinga Purpose	This skill standard is for people who are working in the water services industry. People with this skill standard can implement treatment process requirements to protect people, communities, and the environment in a water treatment environment. This skill standard aligns with the: • New Zealand Certificate in Drinking Water Treatment Operations (Level 4) with optional strands in Pre-Treatment, Clarification, Coagulation and Flocculation, Non-Chlorine Disinfection, Fluoridation, and Filtration [Ref: 5672] • New Zealand Certificate in Wastewater Treatment Operations (Level 4) with optional strands in Activated Sludge, Effluent Disinfection, Fixed Growth Reactor, Separation, Sludge Treatment, and Ponds [Ref: 5673]. This skill standard may also contribute to water services industry credentials.

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Implement treatment process requirements in water services to protect people, communities and the environment.	a. Outline key legislation, regulations, and standards that set treatment process requirements, including their purpose and how they relate to protecting people, communities and the environment.
	b. Identify compliance-based escalation responsibilities in treatment operations.
	c. Carry out established compliance treatment process procedures.
	d. Complete required records and reporting in accordance with treatment process requirements, and operational and compliance requirements.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria*Assessment specifications:*

N/A

Definition

Water services refer to industries responsible for working on or around water supplies, networks, plants, and systems.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content**Established treatment process compliance requirements and procedures**

- Why treatment process requirements matter in protecting people, communities, and the environment.
- What your role involves when implementing treatment process requirements
 - Reporting
 - Hygiene procedures
 - Compliance sampling
 - Drinking Water Quality Assurance Rules (DWQAR).
- When and how to escalate issues.
- Roles and responsibilities of regulatory agencies involved in water services for
 - Consents
 - Abstracting
 - Discharges.

Rauemi | Resources

Legislation, regulations and/or industry standards relevant to this skill standard include, but are not limited to:

- Drinking Water Quality Assurance Rules - [Drinking Water Quality Assurance Rules](#).
- Health and Safety at Work Act 2015 - [Health and Safety at Work Act 2015 | WorkSafe](#).
- Hazardous Substances and New Organisms Act 1996 - [Hazardous Substances and New Organisms Act 1996 No 30 \(as at 05 April 2025\), Public Act Contents – New Zealand Legislation](#).
- Local Government (Water Services) Act 2024 - [Local Government \(Water Services Preliminary Arrangements\) Act 2024 No 31 \(as at 27 August 2025\), Public Act Part 1 Preliminary provisions – New Zealand Legislation](#).
- National Wastewater Environmental Performance Standards - [Discussion-document-National-wastewater-environmental-performance-standards-FINAL.pdf](#).
- Resource Management Act 1991 - [Acts and Bills | Ministry for the Environment](#).

- Water Services Act 2021 - [Water Services Act 2021, Public Act Contents – New Zealand Legislation](#).
- Wastewater Standards - [Wastewater standards | The Water Services Authority - Taumata Arowai](#).
- Water Services (Drinking Water Standards for New Zealand) Regulations 2022 - [Water Services \(Drinking Water Standards for New Zealand\) Regulations 2022 \(SL 2022/168\) – New Zealand Legislation](#).

Pārongo Whakaū Kouna | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Energy and Infrastructure Industry Skills Board
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Engineering and Technology > Water Industry > Water - Generic
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0120

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	28 May 2026	N/A
Kōrero whakakapinga Replacement information	N/A.		
Rā arotake Planned review date	31 December 2032		

Please contact Energy and Infrastructure Industry Skills Board at qualifications@energyinfra-skills.nz if you wish to suggest changes to the content of this skill standard.