

41232 Outline treatment processes and shared responsibilities for water services in Aotearoa New Zealand

Kaupae Level	3
Whiwhinga Credit	3
Whāinga Purpose	This skill standard is for people who are intending to work in water services industries. People with this skill standard can identify shared responsibilities for water services that inform work activities and consequences from inadequate treatment. This skill standard aligns with the New Zealand Certificate in Water Services (Level 3) with strands in Drinking Water, and Wastewater [Ref: 5674] and may contribute to other 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. Outline treatment processes and shared responsibilities for water services in Aotearoa New Zealand.	a. Outline how water services interact and share responsibilities.
	b. Identify the sourcing, treatment, and distribution of drinking water.
	c. Identify sources, treatment, and discharge approaches for wastewater and trade waste.
	d. Establish consequences from inadequate treatment for communities and the environment.
	e. Identify shared responsibilities that inform drinking water and wastewater treatment, and water network construction and maintenance, in terms of key regulatory and standard frameworks.

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

Assessment specifications:

Assessment is limited to foundational knowledge of current industry structures, treatment processes, and regulatory frameworks and does not include operational or technical performance.

Definitions

Trade waste refers to commercial and industrial trade waste that is directly discharged into a wastewater network, and/or transported to an authorised location for discharge into a wastewater network for treatment.

Subsectors include water supply, drinking water treatment, wastewater treatment, network reticulation, trade waste, and pipeline construction and maintenance.

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

Water services sector context

- Relationships, dependencies, and demarcation between water services subsectors.
- Roles and interactions across drinking water, wastewater, trade waste, and network services.

High-level water and wastewater processes

- Sources, stages of treatment, and distribution of drinking water.
- Sources, treatment and discharge approaches for wastewater and trade waste.
- Consequences of incorrect or inadequate treatment.

Regulatory and cultural context

- Wai and te ao Māori and the role of Te Mana o te Wai.
- Shared responsibilities under key regulatory and standards frameworks for water services.

Rauemi | Resources

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

- Health and Safety at Work Act 2015 - [Health and Safety at Work Act 2015 | WorkSafe](#).
- Water Services Act 2021 - [Water Services Act 2021, Public Act Contents – New Zealand Legislation](#).
- 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](#).
- Resource Management Act 1991 - [Acts and Bills | Ministry for the Environment](#).
- Te Mana o te Wai – National Policy Statement for Freshwater Management - [Te Mana o te Wai implementation | Ministry for the Environment](#).

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.