

## Qualification details

Qualification number/Te nama o te tohu mātauranga	2240		
English title/Taitara Ingarihi	New Zealand Certificate in Water Treatment (Small Scale Systems) (Level 3) with a strand in drinking water or wastewater		
Māori title/Taitara Māori			
Version number/Te putanga	3	Qualification type/Te momo tohu	Certificate
Level/Te kaupae	3	Credits/Ngā whiwhinga	40
NZSCED/Whakaraupapa	030907 Engineering and Related Technologies>Civil Engineering>Water and Sanitary Engineering		
Qualification developer/Te kaihanganga tohu	Connexis Infrastructure ITO		
Next review /Te rā arotake	2024		

## Outcome statement/Te tauāki ā-hua

<p><b>Strategic Purpose statement/ Te rautaki o te tohu</b></p> <p>The purpose of this qualification is to provide the water industry with individuals who have sufficient skills and knowledge to operate a small-scale drinking water or wastewater system.</p> <p>The community will benefit from having qualified individuals who are able to ensure that small scale drinking water or wastewater systems operate in compliance with legislative requirements and other associated industry standards.</p>
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<p><b>Graduate Profile/Ngā hua o te tohu</b></p> <p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> <li>Demonstrate operational knowledge of public health and environmental risks and appropriate legislative guidelines associated with small scale systems.</li> </ul> <p>Graduates of the Drinking Water strand will also be able to:</p> <ul style="list-style-type: none"> <li>Operate and maintain a small-scale drinking water system.</li> </ul> <p>Graduates of the Wastewater strand will also be able to:</p> <ul style="list-style-type: none"> <li>Operate and maintain a small-scale wastewater system.</li> </ul>
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**Education Pathway/ Ngā huarahi mātauranga**

This is a stand-alone qualification designed for individuals who operate a small-scale water supply system, which will typically be in a part-time capacity (for example, as a volunteer or as part of a caretaking role).

**Employment, Cultural, Community Pathway/ Ko ngā huarahi ā-mahi, ā-ahurea, ā-whānau, ā-hapū, ā-iwi, ā-hapori anō hoki**

Holders of this qualification can work as operators of a small-scale system providing clean water for business and community facilities which may be in remote or self-contained locations.

**Qualification Specifications/ Ngā tauwhāititanga o te tohu**

<b>Qualification Award/ Te whakawhiwhinga o te tohu</b>	This qualification will be awarded by an organisation which has an approved programme, or industry training programme leading to the qualification.
<b>Evidence requirements for assuring consistency/ Ngā taunaki hei whakaū i te tauritenga</b>	Evidence may include: - Internal and external moderation processes and results relating to the assessment of graduate outcomes - Feedback and actions taken by the Tertiary Education Organisation in response to feedback - Programme completion data and course results - Post-graduate surveys (which must include survey of graduates and employers) - Any other relevant evidence.
<b>Minimum standard of achievement and standards for grade endorsements/ Te pae o raro e tutuki ai, ngā paerewa hoki hei whakaatu i te taumata o te whakatutukinga</b>	Achieved
<b>Other requirements for the qualification (including regulatory body or legislative requirements)/ Kō ētahi atu here o te tohu (tae atu hoki ki ngā here ā-hinonga whakamarumarū, ki ngā here ā-ture rānei)</b>	There are no regulatory body or legislative requirements.
<b>General conditions for programme/ Ngā tikanga whānui o te hōtaka</b>	This qualification should be assessed in the context of the drinking water or wastewater system for which the person is responsible.

### Conditions relating to the Graduate Profile /Ngā tikanga e hāngai ana ki nga hua o te tohu

Qualification outcomes/ Ngā hua		Credits/Ngā whiwhinga	Conditions/Ngā tikanga
1.	Demonstrate operational knowledge of public health and environmental risks and appropriate legislative guidelines associated with small scale systems.	20 credits	
Drinking water strand			
2.	Operate and maintain a small-scale drinking water system.	20 credits	
Wastewater strand			
3.	Operate and maintain a small-scale wastewater system.	20 credits	

### Transition information/ He kōrero whakawhiti

Replacement information/ He kōrero mō te whakakapi	N/A
Additional transition information/ Kō ētahi atu kōrero mō te whakakapi	<p>Version 3 of this qualification was published in Month 2019 following a review. For details of the review, refer to the change report.</p> <p>There are no registered programmes leading to Version 2 of this qualification and no candidates working towards Version 2. All candidates are expected to enrol in Version 3 from the date of publication.</p> <p>It is the intention of Connexis Infrastructure ITO that no existing trainee should be disadvantaged by these transition arrangements. Any person who considers they have been disadvantaged may appeal to the qualification developer Connexis- Infrastructure ITO at <a href="mailto:qualifications@connexis.org.nz">qualifications@connexis.org.nz</a> or 04 499 9144.</p> <p>Version 2 of this qualification was published in November 2016 following a revision to transfer the qualification developer responsibility from Primary ITO to Infrastructure ITO, update qualification specifications and remove specific conditions relating to the graduate profile outcome</p> <p>Version 1 of this qualification was republished in February 2015 to update the Evidence Requirements for managing consistency.</p>