

QUALIFICATION DETAILS

Qualification number/Te nama o te tohu mātauranga	2661		
English title/Taitara Ingarihi	New Zealand Certificate in Drainlaying with an optional strand in Onsite Wastewater Treatment System Installation		
Version number/Te putanga	3	Qualification type/Te momo tohu	Certificate
Level/Te kaupae	4	Credits/Ngā whiwhinga	125 135 (with optional strand)
NZSCED/Whakaraupapa	040327 Architecture and Building>Building>Plumbing, Gasfitting and Drainlaying		
Qualification developer/Te kaihangā tohu	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council		
Review Date /Te rā arotake	31 July 2029		

OUTCOME STATEMENT/TE TAUĀKI Ā-HUA

Strategic Purpose statement/ Te rautaki o te tohu
<p>The purpose of this qualification is to provide the drainlaying sector with people who are skilled as drainlaying tradespersons and ready to apply for registration as a licensed drainlayer under the Plumbers, Gasfitters, and Drainlayers Act 2006.</p> <p>This qualification is targeted at people working in the drainlaying industry and who can fulfil the requirements to obtain a limited trainee authorisation issued by the Plumbers, Gasfitters and Drainlayers Board.</p> <p>Graduates will have the skills and knowledge required to safely carry out all drainlaying work within the scope of an authorised drainlayer. A licensed drainlayer can lay, alter, reconstruct, extend, repair, and open up drains and associated traps and connect drains up to and away from wastewater treatment stations.</p>

Graduate Profile/Ngā hua o te tohu

Graduates of this qualification will be able to:

- Apply practical knowledge of installation and maintenance to complete work with foul water drainage systems.
- Apply practical knowledge of installation, commissioning, and maintenance to complete work with stormwater drainage systems.
- Apply practical knowledge of installation, commissioning and maintenance to complete work with trade waste drainage systems.
- Apply practical knowledge of on-site wastewater and effluent treatment and disposal systems to install pumps for drainage systems.
- Apply practical knowledge of subsoil, gradient, and excavation considerations to complete excavations and reinstatement.
- Apply practical knowledge of drainage drawings and specifications to interpret and produce drawings and records of as-built work.
- Apply the legislative responsibilities of a licensed drainlayer to drainlaying work.
- Work with consideration of other trades and related services on site and practice ethically.
- Apply material science and selection, trade physics, and environmentally sustainable considerations to work with drainage systems.
- Apply safe working practices and environmentally sustainable considerations to complete work with drainage systems.

Graduates of the optional strand in Onsite Wastewater Treatment System Installation will also be able to:

- Install, commission, and maintain on-site wastewater treatment systems to job specifications.

Education Pathway/ Ngā huarahi mātauranga

This qualification may build on the New Zealand Certificate in Plumbing, Gasfitting and Drainlaying (Level 3) [Ref: 2660].

This qualification leads to the New Zealand Certificate in Drainlaying (Level 5) [Ref: 3839].

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

Graduates will have met the competence requirements for a career in the drainlaying industry.

Graduates who complete registration and other licensing requirements specified by the Plumbers, Gasfitters, and Drainlayers Board (Drainlaying Registration and Licensing) Notice 2016, or any subsequent amendments or replacements may practice as licensed drainlayers.

QUALIFICATION SPECIFICATIONS/ NGĀ TAUWHĀITITANGA O TE TOHU

Qualification Award/ Te whakawhiwhinga o te tohu	This qualification can be awarded by any tertiary education organisation with an approved programme or accredited to
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	deliver a programme leading to the qualification.
Evidence requirements for assuring consistency/ Ngā taunaki hei whakaū i te tauritenga	Evidence may include: <ul style="list-style-type: none"> - Feedback from graduates and their employers demonstrating the graduates have met the graduate outcomes.
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	Achieved.
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)	<p>Regulatory Requirements</p> <p>Potential learners must be made aware that to become licensed they are required to meet the competencies, registration, and licensing requirements specified by the Plumbers, Gasfitters and Drainlayers Board (Plumbing Registration and Licensing) Notice 2016, or any amendments or replacements, referred to as "PGD Board Competencies".</p>
General conditions for programme/ Ngā tikanga whānui o te hōtaka	<p>Programme delivery is expected to be highly practical and combine theory and practice seamlessly.</p> <p>Learners enrolled in programmes leading to this qualification and undertaking sanitary plumbing in New Zealand must hold a current limited certificate trainee authorisation or exemption under supervision as issued under the Plumbers, Gasfitters, and Drainlayers Act 2006 by the PGD Board.</p> <p>Programmes leading to this qualification must be consistent with the current legislative framework including the following, and any subsequent amendments or replacements.</p> <p>Legislation available at: https://www.legislation.govt.nz</p> <ul style="list-style-type: none"> • Building Act 2004. • New Zealand Building Code (Building Regulations 1992 – Schedule 1). • Plumbers, Gasfitters and Drainlayers Act 2006. • Plumbers, Gasfitters, and Drainlayers Board (Plumbing Registration and Licensing) Notice 2016. • Health and Safety at Work Act 2015. <p>The Board competencies required for registration and licensing, available at https://www.pgdb.co.nz.</p> <p>Programmes must reflect current industry practice and providers are advised of refer to the Workforce</p>

	<p>Development Council Programme Endorsement considerations:</p> <ul style="list-style-type: none"> • Programme content; • Equity for learners; • Programme engagement and consultation; • Te ao Māori; • Pacific languages and learners; • Disabled people. <p>and other programme guidance specific to this qualification available by emailing: qualifications@waihangaararau.nz.</p>
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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	Apply practical knowledge of installation and maintenance to complete work with foul water drainage systems.	20	
2	Apply practical knowledge of installation, commissioning and maintenance to complete work with stormwater drainage systems.	10	
3	Apply practical knowledge of installation, commissioning and maintenance to complete work with trade waste drainage systems.	5	
4	Apply practical knowledge of on-site wastewater and effluent treatment and disposal systems to install pumps for drainage systems.	20	
5	Apply practical knowledge of subsoil, gradient, and excavation considerations to complete excavations and reinstatement.	5	
6	Apply practical knowledge of drainage drawings and	10	

	specifications, to interpret and produce drawings and records of as-built work.		
7	Apply the legislative responsibilities of a licensed drainlayer to drainlaying work.	20	
8	Work with consideration of other trades and related services on site and practice ethically.	10	
9	Apply material science and selection, trade physics, and environmentally sustainable considerations to work with drainage systems.	5	
10	Apply safe working practices and environmentally sustainable considerations to complete work with drainage systems.	20	
Optional strand in Onsite Wastewater Treatment System Installation			
11	Install, commission, and maintain on-site wastewater treatment systems to job specifications.	10	

TRANSITION INFORMATION/ HE KŌRERO WHAKAWHITI

Replacement information/ He kōrero mō te whakakapi	The qualification replaced the National Certificate in Drainlaying (Level 4) [Ref: 0077]. This qualification has been discontinued.
Additional transition information/ Kō ētahi atu kōrero mō te whakakapi	Version Information Version 3 of this qualification was published in July 2024 following an industry-initiated early review. Please refer to Qualifications and Assessment Standards Approvals for further information. Version 2 As there are no learners enrolled in programmes leading to this version of the qualification, the last date of

assessment is 31 December 2024.

Version 1

The last date of entry into programmes leading to this version is 30 March 2025. The last date of assessment is 31 December 2028.

Learners enrolled in programmes leading to version 1 of this qualification and who are unable to complete by 31 December 2028 should transfer their existing achievement to version 3 of this qualification.

It is the intention that no learner should be disadvantaged by these transition arrangements. Any person who considers they have been disadvantaged may appeal to the qualification developer:

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Workforce Development Council
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Phone: 04 909 0174

Email: qualifications@waihangaararau.nz

Website: www.waihangaararau.nz