

Qualification Title: New Zealand Certificate in Drainlaying (Level 4)

Qualification number: 2661

Date of review: 23 November 2021

This report refers to graduates awarded this qualification prior to: **31 December 2020**

Final decision on consistency of the qualification: National consistency is confirmed

Threshold:

The threshold to determine sufficiency with the graduate profile was determined as evidence of the graduate being able to:

- Install, repair and maintain drainage systems in accordance with the legal requirements for a licensed drainlayer.
- Interpret drainage drawings and specifications: and produce drawings and records of as-built work.
- Access and apply the legislative responsibilities of a licensed drainlayer.
- Work with consideration of other construction trades and related services and practice ethically.
- Apply material science and selection, trade physics, and environmentally sustainable considerations to drainage systems.
- Apply safe working procedures and practices; identify and control hazards in a working environment; and isolate and test for safety and explain the limitations on drainlayers carrying out electrical work.

Education Organisations with sufficient evidence

The following education organisations have been found to have sufficient evidence.

MOE Number	Education Organisation	Final rating
6004	Unitec New Zealand Ltd	Sufficient
8103	The Skills Organisation	Sufficient

Introduction

The New Zealand Certificate in Drainlaying (Level 4) is a 140-credit, qualification intended to provide an entry into the drainlaying industry. Ideally, candidates are training in the workplace or have an apprenticeship agreement and can fulfil the requirements of the Plumbers, Gasfitters and Drainlayers Board Trainee Limited Certificate (TLC).

The purpose of the qualification is to provide the drainlaying sector with people who are suitably skilled as drainlaying tradespersons and ready to apply for registration as a licensed drainlayer under the Plumbers, Gasfitters, and Drainlayers Act 2006.

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Two providers have offered the qualification since 2018 producing a total of 108 graduates. Both providers participated in a video conferenced consistency review meeting. Both programmes required trainees to be working in the industry.

A representative from the qualification developer Waihanga Ara Rau - Construction and Infrastructure Workforce Development Council took part in the review. The qualification was reviewed in 2020 and version two of the qualification was subsequently approved in August 2021. The graduates reported in this consistency review were reviewed against version one of the qualification.

Evidence

The education organisations provided a range of evidence to demonstrate that their graduates met the graduate profile outcomes.

The criteria used to judge the evaluation question were:

- The nature, quality and integrity of the evidence presented by the education organisation;
- How well the organisation has analysed, interpreted and validated the evidence, and used the understanding gained to achieve actual or improved consistency; and
- The extent to which the education organisation can reasonably justify and validate claims and statements relating to the consistency of graduate outcomes, including in relation to other providers of programmes leading to the qualification.

Evidence provided included:

- Constructive alignment of GPOs and learning outcomes demonstrating a coherent training programme linked to the graduate outcomes;
- Evidence of internal and external moderation providing assurance that the assessments were fair, valid, reliable and meeting the learning outcomes at the appropriate level; and
- Feedback from employers and graduates, confirming that:
 - graduates were demonstrating the skills and knowledge intended by the qualification; and
 - the graduate outcomes were relevant to the real-world drainlaying profession.

How well does the self-assessment and supporting evidence provided by the education organisation demonstrate that its graduates match the graduate outcomes at the appropriate threshold?

The education organisations submitted a range of evidence that demonstrated graduates match the graduate outcomes at the agreed threshold. This included moderation evidence, programme / GPO alignment, graduate and employer feedback, and destination data.

Trainees of both education organisations are in the workplace either as apprenticeships or managed apprenticeships applying the skills and knowledge intended during their training. Over 90% of trainees who have graduated continue to work in the industry. Therefore, both education organisations were able to demonstrate their graduates were meeting intended outcomes through real-world graduate and employer evidence. Self-assessment was generally done well, with both education organisations analysing a range of evidence to inform further reflection and/or improvements.

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Issues and concerns

None.

Recommendations to Qualification Developer

None.

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