

Qualification Title: New Zealand Certificate in Pipe Installations with strands in For the Trenched, and For the Trenchless (Level 4)

Qualification number: 2694

Date of review: 17 September 2018

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:

Graduates can work in the infrastructure industry in a variety of work contexts with limited supervision, and are able to:

- Communicate and maintain safety on the worksite and for the community.
- Apply knowledge of pipes, fittings and structures installation processes, using industry standards and specifications.
- Install underground utilities using appropriate trenched and/or trenchless installations methodology and technology.

Tertiary Education Organisations with sufficient evidence

Tertiary Education Organisation	Final rating
Infrastructure ITO (Connexis)	Sufficient

Introduction

The purpose of this level 4 qualification is to provide the infrastructure works industry with people who have the practical skills, knowledge and aptitude to be able to safely and effectively install pipes using trenched and/or trenchless methodologies and technology. Graduates have gained 105 or 120 credits to get the qualification, depending on the strand they have chosen.

Connexis is the sole training organisation administering a training programme that leads to the award of this qualification. At the review teleconference, Connexis representatives presented an explanation and evidence of how the organisation knows that their graduates match the graduate profile outcomes. Connexis is also the developer of the qualification. Connexis representatives supplied evidence of 48 individuals who had graduated with the qualification as at 16 April 2018.

Evidence

The education organisation 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
- 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.

The evidence provided included:

- Its records listing the graduates, the qualification strand they completed and where they worked, at the time of their graduation.
- A survey of employers, for which there was 33 per cent response rate, shows that all employers were satisfied that their successful trainees meet the graduate profile outcomes.
- A survey of graduates, for which there was 17 per cent response rate and gives a base indication of the graduates' views.
- A Connexis customer satisfaction survey which provides more general feedback on the trainees' experience.
- A copy of the civil works qualification pathways and the NZQA-approved programme of industry training (PIT) which places unit standards against the graduate profile outcomes. Each graduate follows an individual training and assessment plan.
- A sample of the results of the moderation outcomes in line with Connexis's Annual Moderation Plan. Specific examples of post-assessment moderation reports were also provided.
- A support letter attesting that Connexis's Customer Service Account Managers (CSAMs) regularly report on the industry feedback and progress of this qualification.
- The formal Consent and Moderation Requirements (CMR) for accreditation to assess unit standards within the PIT, and how they are met by the policies and procedures of the education organisation

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

The evidence that supports that the 2017/2018 graduate group met the determined threshold was:

- All graduates were working in civil works industry roles at the time of their graduation.
- The graduates who responded to an online survey all stated they were confident they meet the profile outcomes. This response rate is satisfactory and provides a base indicative sample.
- Employer survey results, supports the feedback that graduates are meeting the graduate outcomes.
- The graduates are assessed predominantly on-job against the prescribed unit standards. The assessment materials used had been pre-moderated by industry experts.
- The educational organisation has procedures to support the moderation of assessment. Evidence provided confirmed that the post-assessment moderation of unit standards for this qualification has been undertaken as required by the moderation plan.

Overall the evidence and analysis demonstrate that the graduates match the graduate outcomes at the determined threshold.

Notes of interest

This qualification has now been replaced by the New Zealand Certificate in Infrastructure Works (Pipeline Construction and Maintenance) with strands in Drinking Water, Wastewater and Storm water, and Trenchless Technologies. (Level 4).

Examples of good practice

The survey questions were clearly mapped against the graduate outcomes. The justification outlined in the self-assessment summary made a range of relevant points to support the case that the graduates met the graduates profile outcomes. There was a clear record of the graduates, their role, their company and the strand they completed.