

Qualification Title: New Zealand Certificate in Electricity Supply (Introductory) (Level 2) with strands in Electricity Supply, and Telecommunications

Qualification number: 2136

Date of review: 2 October 2019

This report refers to graduates awarded this qualification between **1 January 2015 and 31 December 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:

At a foundation level and working under supervision graduates of this qualification will be able to:

- understand how health and safety is applied to the electricity supply industry
- demonstrate foundation understanding of the principles of generation, transmission and distribution in the electricity supply industry.

Additionally, graduates awarded the Version 1 or 2 of the qualification with the electricity supply strand will also be able to:

- understand how the Electricity Act 1992, regulations, and industry rules and guides govern industry practice
- competently apply knowledge to tasks within the electricity supply industry with appropriate supervision.

And graduates awarded Version 2 of the qualification with the telecommunications strand will also be able to:

- work safely on telecommunications assets on or near electrical structures.

Education Organisations with sufficient evidence

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

Education Organisation	Final rating
Connexis Infrastructure ITO (Connexis)	Sufficient

Introduction

This level two qualification is designed to provide the electricity supply industry with people who have sufficient knowledge and ability to work safely in the industry at entry-level. The qualification meets the Electrical Workers Registration Board (EWRB) requirements for people in training or completing registration requirements to hold a Limited Certificate, which is required for entry into all higher-level qualifications in the electrical distribution and transmission sectors.

There was a Consistency Review of this qualification in 2015 that covered graduates up to 31 December 2014. This consistency review covers the 2651 graduates who achieved the qualification between 31 December 2014 and 31 December 2018.

Version 2 of the qualification was introduced in 2016. Version 2 of the qualification retained the same graduate profile outcomes (GPOs) as Version 1 for the Electrical Supply strand and a strand in telecommunications was added. This new strand has an additional, specific, GPO. Graduates in 2015 achieved Version 1 of the qualification and graduates from 2016 onwards achieved version 2 of the qualification.

For the period covered by this review, there were 2060 graduates with the telecommunications strand and 591 graduates with the electricity supply strand. Connexis was the only organisation to award the qualification in the review period and their programme of industry training that leads to the qualification is largely provided and assessed on-job.

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;
- 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.

To demonstrate that all reasonable steps had been taken to ensure that graduates met the GPOs evidence of the approved programme of industry training's alignment with the GPOs, assessment development processes, moderation and programme review were provided. Graduate destination data shows that graduates are largely retained in the industry. Employer and graduate surveys were used to demonstrate how well graduates matched the GPOs.

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?

Connexis provided a robust self-assessment that addressed the core evaluative question of this review and made an appropriate evidence-based judgement. The self-assessment document was supported by a good range of evidence. The evidence from employers and graduates generally provided confidence that graduates matched the graduate profile, although, some of the evidence was relatively recent and had not yet been fully analysed by the organisation. Evidence related to the programme, assessment, and Connexis's processes demonstrated that the organisation was taking reasonable steps to ensure that graduates match the GPOs.

Some recommendations, that should strengthen future submissions, have been made in the TEO specific feedback. Overall, however, the self-assessment and supporting evidence supplied, by Connexis, demonstrate that their graduates meet the graduate outcomes at the determined threshold.

Final Consistency Review Report

Special Focus (includes special focus on a strand or outcome)

There was no special focus for this review

Issues and concerns

No issues or concerns were identified in this review

Recommendations to Qualification Developer

A representative of the qualification developer attended the review meeting and noted some areas that had already been identified to be addressed in the next review of the qualification. This included the need to correct the wording related to the requirement to attain the Limited Certificate, in line with the Electrical Workers Registration Board requirements.