

Qualification Title: New Zealand Certificate in Electricity Supply (Field Switching)
(Level 3)

Qualification number: 2835

Date of review: 5 November 2019

This report refers to graduates awarded this qualification prior to: **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 that graduates will be able to work safely to industry standards, taking responsibility for their work and that of others, and be capable of working with limited supervision to:

- Apply industry standards and codes of practice for carrying out switching operations on electricity networks.
- Apply a range of skills and electrical knowledge to the operation of overhead switchgear and protection systems used on networks.
- Ensure that health and safety requirements are met while working on electricity supply structures.
- Apply a range of communication procedures and processes relevant to field switching.

Education Organisations with sufficient evidence

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

MOE Number	Education Organisation	Final rating
8136	Connexis	Sufficient

Introduction

This qualification is suitable for people entering into or are currently employed in the Electricity Supply Industry and changing their career path. Electricians or line mechanics may diversify into Field Switching.

This qualification is designed to provide the Electricity Supply industry with Field Switching graduates who have sufficient technical and theoretical knowledge, practical skills and experience to work on asset owners' networks to safely carry out field switching to industry practices.

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

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- 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.

Evidence was presented to demonstrate the alignment of the programme with the purpose and graduate profile of the qualification, strengthened by the fact that all students are in work and putting into practice what is learned in a real-world context. Assessment is moderated by external subject experts to ensure validity.

Feedback was sought from both employers and graduates about the achievement of the GPOs. Although only 4 of the 10 employers responded to the survey, the companies that responded accounted for 71% of the total graduates. The number of responses from graduates was low (10%) and the organisation now plans to capture graduate feedback at graduation rather than several months after this.

The Electrical Supply Industry is highly regulated and all those working in it are required to comply with strict standard operating procedures. Graduates are assessed by the Electrical Workers Registration Board against their standards, which are closely aligned to the GPOs. This provides confirmation that the programme of study is meeting these expectations.

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?

Overall, the self-assessment and supporting evidence supplied by the organisation demonstrates that their graduates meet the graduate outcomes at the determined threshold.

Examples of good practice

The on-job assessment and use of work logs signed by supervisors ensures there is a direct link between learning, application, and assessment.

Issues and concerns

The ITO builds close relationships with employers through the field staff (Customer Support Account Managers) who visit regularly to ensure the training is progressing well. This contact could provide rich, valid evidence of achievement of the GPOs, as well as gain authentic employer feedback. It is recommended that the ITO consider how this process could be used to provide evidence of consistency.

Recommendations to Qualification Developer

There were no recommendations proposed at the meeting for the Qualification Developer.