

Qualification Title: New Zealand Certificate in Electricity Supply (Line Mechanic Distribution) (Level 4)

Qualification number: 2197

Date of review: 19 June 2017

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 who have the skills and knowledge to:

- Apply theory, industry standards and procedures when undertaking the duties of a distribution line mechanic in accordance with legislative requirements, health and safety regulations and industry guides and codes.
- Work safely to industry standards, taking responsibility for their work and that of others, and be capable of working independently whilst ensuring public safety.
- Apply a range of communication skills relevant to work in the field of Line Mechanics.
- Apply theory, codes, legislation and industry procedures to the commissioning of an electricity distribution network to the standards required for Electrical Workers Registration Board (EWRB) registration as a distribution line mechanic.

Tertiary Education Organisations with sufficient evidence

Tertiary Education Organisation	Final rating
Infrastructure ITO (Connexis)	Sufficient

Introduction

This qualification of 225 credits is targeted at people who may be embarking on a career in the electricity supply industry; or who may have come from another sector of the industry; or who are foreign national tradespeople wishing to register as line mechanics in New Zealand. Graduates will be able to work in the electricity supply industry as a line mechanic in the distribution sector, installing, maintaining and replacing electricity distribution network equipment. This is an intermediate level position, and with additional training they may progress on to more senior positions within the electricity supply industry.

Approximately 185 graduates were reported in 2015/2016 by the education organisation. All trainees were working in the electricity supply industry throughout their training and at graduation.

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 education organisations
- 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 provided included

- Confirmation that the education organisation had a coherent programme of study which ensured that programme components led to the graduate profile. The provider's programmes included capstone assessments that align to the EWRB registration requirements. All graduates had registered with EWRB as Line Mechanics.
- Internal and external post and pre-assessment moderation reports. The education organisation confirmed that they collaborated with a PTE in assessment and moderation and often used common assessment material.
- Graduate and employer surveys which confirmed that graduates had gained, and were using, the skills and knowledge outlined in the graduate profile.
- Feedback from the Industry Training Organisation's Customer Service Account Managers (CSAMs) confirming that graduates are meeting the graduate profile and the expectations of industry.
- Confirmation that stakeholder meetings are conducted several times per year – four meetings in the past twelve months. This engagement includes discussion on the consistency of qualifications.

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

The evidence presented before, and at the review meeting was sufficient to demonstrate that the graduates match the graduate outcomes. The evidence discussed above was strongly aligned with the graduate profile and clearly demonstrated that graduates meet the threshold.

In general, the quality of evidence presented was sound with a good mix of informal or anecdotal feedback and empirical evidence. The alignment of evidence with the graduate profile strengthened the consistency case.

Recommendations to Qualification Developer

The education organisation recommended that the skills knowledge and attributes related to underground electricity supply should be considered as part of this qualification at the next qualification review.