

National Certificate in Electricity Supply (Line Mechanic Distribution Live Work Stick up to 66kV) (Level 4)

Level	4
Credits	66

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2020.

Transition Arrangements

The last date for entry into programmes leading to the qualification is 31 December 2019.

The last date for assessments to take place to meet the requirements of the qualification is 31 December 2020.

It is the intention of Connexis Infrastructure ITO that no existing trainee should be disadvantaged by these transition arrangements. Any person who considers they have been disadvantaged may appeal to the ITO (contact details below).

For detailed information see [Review Summaries](#) on the NZQA website.

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	August 2010	April 2011
Review	2	March 2011	December 2020
Review	3	November 2018	December 2020

Standard Setting Body

Connexis Infrastructure ITO
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National Certificate in Electricity Supply (Line Mechanic Distribution Live Work Stick up to 66kV) (Level 4)

Level	4
Credits	66

Purpose

This qualification is awarded to people who have demonstrated competence in the skills and knowledge required for employment as a Line Mechanic carrying out live work using stick techniques in the distribution sector of the electricity supply industry. All the standards in this qualification are compulsory because they cover a set of well-defined skills required to safely undertake live stick work in the electricity supply industry.

This qualification meets the requirements of NZECP 46:2003 *Part 3 Stick* and covers the following live work using stick techniques.

Holders of this qualification will be able to:

- Inspect, test, and clean live line tools and equipment
- Demonstrate knowledge of live line theory and procedures
- Make and break live line connections up to 33kV using stick procedures.
- Remove and install pole structures up to 66kV using stick techniques
- Remove and install hardware and equipment on structures up to 66kV using sticks.

This qualification contains standards that build on the knowledge and skills recognised by the National Certificate in Electricity Supply (Line Mechanic Distribution) (Level 4) [Ref: 0874].

Replacement Information

This qualification replaced the National Certificate in Electricity Supply (Line Mechanic Distribution Live Work) (Level 5) [Ref: 1119].

Special Notes

Prerequisite: National Certificate in Electricity Supply (Line Mechanic Distribution) (Level 4) [Ref: 0874] and compliance with the minimum requirements of industry codes of practice for live work contained in the New Zealand Electrical Code of Practice for High Voltage Live Line Work (NZECP 46:2003), or demonstrate equivalent knowledge or skills.

Credit Range

	Compulsory
Level 4 credits	66
Total	66

Requirements for Award of Qualification

Award of NZQF National Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided on the New Zealand Qualifications Authority (NZQA) website: <http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/>.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- Compulsory standards

Detailed Requirements

Compulsory

The following standards are required

Engineering and Technology > Electricity Supply > Electricity Supply - Live Work

ID	Title	Level	Credit
10531	Remove and install hardware and equipment on structures using live line hot stick up to 66kV	4	20
10535	Remove and install electricity network pole structures using live line hot stick up to 66kV	4	20
10536	Make and break live line connections using live line hot stick procedures up to 33kV	4	10
10538	Inspect, test, and clean live line tools and equipment	4	6
10542	Demonstrate knowledge of live line theory and procedures	4	10

Transition Arrangements

Version 2

Version 2 was issued following a review in which the optional strand in glove and barrier work was removed from the qualification.

Changes to structure and content

- The structure of the qualification was changed from a qualification with a core compulsory set and an optional strand, to a qualification with only a compulsory set.
- The optional strand, containing standards 10537, 10540, and 10541 was removed from the qualification and included in a new qualification, the National Certificate in

Electricity Supply (Line Mechanic Distribution Live Work Glove and Barrier up to 33kV) (Level 5) [Ref: 1625].

For detailed information see [Review Summaries](#) on the NZQA website.

As there are no candidates enrolled in courses or training leading to version 1 of this qualification there are no transition impacts and version 1 will have a last date of assessment of 30 April 2011.

Candidates enrolled in training or courses leading to the National Certificate in Electricity Supply (Line Mechanic Distribution Live Work) (Level 5) [Ref: 1119] who were intending to complete the optional strand of this qualification can now transfer to the National Certificate in Electricity Supply (Line Mechanic Distribution Live Work Glove and Barrier up to 33kV) (Level 5) [Ref: 1625].

It is not intended that anyone is disadvantaged by this review and the above arrangements have been designed for a smooth transition. However, anyone who feels they have been disadvantaged may appeal to the Connexis Infrastructure ITO at the address below.

Previous version of the qualification

Version 1 of this qualification replaced the National Certificate in Electricity Supply (Line Mechanic Distribution Live Work) (Level 5) [Ref: 1119].

Differences between the qualifications: the structure of the qualification was changed from a compulsory set to a core qualification with an optional strand; total credits decreased from 126 to 66 credits; level decreased from 5 to 4; standards 10537, 10540, and 10541, which were included in the compulsory section of the replaced qualification, have been moved to create the optional strand in Glove and Barrier up to 33kV in this replacement qualification.

All existing candidates may either complete the requirements of the replaced qualification by 31 December 2012 or transfer to this replacement qualification.

Planned Review

Any person or organisation may contribute to the review of this qualification by sending feedback to the standard setting body at the above address.

Next Review	N/A
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Certification

This certificate will display the logos of NZQA, Connexis Infrastructure ITO and the organisation that has been granted consent to assess against standards that meet the requirements of the qualification (accredited).

Classification

This qualification is classified according to the classification system listed on the Directory of Assessment Standards (DAS) and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description
318	Engineering and Technology > Electricity Supply	031311	Engineering and Related Technologies > Electrical and Electronic Engineering and Technology > Power Line Installation and Maintenance

Quality Management Systems

Providers and Industry Training Organisations must be granted consent to assess by a recognised Quality Assurance Body before they can register credits from assessment against standards. Accredited providers and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Accreditation requirements and the moderation system are outlined in the associated Accreditation and Moderation Action Plan (AMAP) for each standard.

REVIEWING