

Qualification details

Qualification number/Te nama o te tohu mātauranga	2969		
English title/Taitara Ingarihi	New Zealand Certificate in Electricity Supply (Substation Maintenance)		
Māori title/Taitara Māori	031311 Engineering and Related Technologies » Electrical and Electronic Engineering and Technology » Power Line Installation and Maintenance		
Version number/Te putanga	2	Qualification type/Te momo tohu	Certificate
Level/Te kaupae	4	Credits/Ngā whiwhinga	85
NZSCED/Whakaraupapa			
Qualification developer/Te kaihanganga tohu	Connexis Infrastructure ITO		
Next review /Te rā arotake	October 2024		

Outcome statement/Te tauāki ā-hua

Strategic Purpose statement/ Te rautaki o te tohu

This qualification is suitable for people who are currently employed in the electricity supply industry as an electrician or training towards becoming an electrician. This qualification is designed to provide the electricity supply industry with people who have sufficient knowledge, practical skills, experience and attributes to be capable of working as a substation maintainer, in accordance with the registration requirements of the Electrical Workers Registration Board (EWRB).

Graduates will have the knowledge and skills to work to legislated and industry standards and requirements, to take responsibility for their work and that of others, and to work independently whilst ensuring public safety.

Graduate Profile/Ngā hua o te tohu

Graduates will be able to:

- Apply the procedures and processes relevant to substation maintenance and ensure that health and safety requirements are met when undertaking substation maintenance.
- Apply knowledge of electricity supply, electrical networks, New Zealand legislation, regulations, asset owner's requirements and electrical codes of practice, to substation

maintenance.

- Apply mechanical and electrical knowledge and skill to perform maintenance on substation equipment and structures.

Education Pathway/ Ngā huarahi mātauranga

Graduates may progress to higher level qualifications such as the New Zealand Certificate in Electricity Supply (Power Technician) (Level 5) [Ref: 3535]

Employment, Cultural, Community Pathway/ Ko ngā huarahi ā-mahi, ā-ahurea, ā-whānau, ā-hapū, ā-iwi, ā-hapori anō hoki

Graduates of this qualification will be eligible for EWRB registration and employment as a Substation Maintainer in the electricity supply industry.

Qualification Specifications/ Ngā tauwhāititanga o te tohu

Qualification Award/ Te whakawhiwhinga o te tohu	This qualification can be awarded by any tertiary education organisation which has an approved programme of study or industry training leading to the qualification.
Evidence requirements for assuring consistency/ Ngā taunaki hei whakaū i te tauritenga	Evidence may include: <ul style="list-style-type: none">• Review of internal and external moderation processes and results relating to the assessment of graduate outcomes• Industry feedback and actions taken by the Tertiary Education Organisation in response to feedback• Review of programme completion data and course results• Post-graduate surveys (which must include survey of graduates and employers)• Any other relevant evidence.
Minimum standard of achievement and standards for grade endorsements/ Te pae o raro e tutuki ai, ngā paerewa hoki hei whakaatu i te taumata o te whakatutukinga	Achieved
Other requirements for the qualification (including regulatory body or legislative requirements)/ Kō ētahi atu here o te tohu (tae atu hoki ki ngā here ā-hinonga whakamarumarū, ki ngā here ā-ture rānei)	Candidates who are not registered electricians must hold an EWRB Limited Trainee Certificate when commencing this programme.
General conditions for programme/ Ngā tikanga whānui o te hōtaka	Candidates must be an electrician or training towards becoming an electrician.

Conditions relating to the Graduate Profile /Ngā tikanga e hāngai ana ki nga hua o te tohu

Qualification outcomes/ Ngā hua	Credits/Ngā whiwhinga	Conditions/Ngā tikanga
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1.	Apply relevant procedures and processes and ensure that health and safety requirements are met when undertaking substation maintenance.	10	
2.	Apply knowledge of electricity supply, electrical networks, New Zealand legislation, regulations, asset owner's requirements and electrical codes of practice to substation maintenance.	15	
3.	Apply mechanical and electrical knowledge and skill to perform maintenance on substation equipment and structures.	60	

Transition information/ He kōrero whakawhiti

Replacement information/ He kōrero mō te whakakapi	Version 1 of this qualification replaced the National Certificate in Electricity Supply (Sub Station Maintainer) (Level 4) [Ref: 1118].
Additional transition information/ Kō ētahi atu kōrero mō te whakakapi	<p>Version 2 of this qualification was published in XXXX 2019 following an early review.</p> <p>There are no candidates working towards Version 1 of this qualification. All candidates are expected to enrol in Version 2 as soon as a programme is available.</p> <p>It is the intention that no trainee should be disadvantaged by these transition arrangements. Any person who considers they have been disadvantaged may appeal to the qualification developer Connexis Infrastructure ITO at qualifications@connexis.org.nz or 04 499 9144.</p>