

Field Engineering and Technology**Review of *Electricity Supply* unit standards**

Subfield	Domain	ID
Electricity Supply	Electricity Supply - Core Skills	19325
	Electricity Supply - Power System Maintenance	14700
	Electricity Supply - Power System Management	16281, 19479

Connexis (Infrastructure Industry Training Organisation) has completed the review of the unit standards listed above.

Date new versions published

21 May 2015

Planned review date

31 December 2020

Summary

The review of these unit standards was initiated through their planned review and the Targeted Review of Qualifications (TRoQ) for Engineering and Technology triggered for 2011.

The unit standards were reviewed to ensure that they are fit for purpose, relevant to the Electricity Supply Industry and were readily available for assessment. Industry representatives in the TRoQ Review Group were involved in the review and writing of these unit standards and have provided feedback on the versions that were reviewed.

Main changes

- Changes were made to accurately reflect industry terminology practice and evidence requirements.
- The unit standard 28572 has been created to meet the electricity principle standards for a Level 3 Operator and will replace expiring unit standard 19325.

The Category C unit standard will expire at the end of December 2019

The last date for assessment of superseded versions of Category B unit standards is December 2016

Impact on registered qualifications

Key to type of impact	
Affected	The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits The qualification lists a C or D category standard
Not materially affected	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following Connexis qualifications are impacted by the outcome of this review and will be updated when they are reviewed. The standards that generated the status *Affected* are listed in below.

Ref	Qualification Title	Classification or ID
0894	National Certificate in Electricity Supply (Thermal Operator) (Level 4) with strands in Thermal Operations, Combined Cycle Operations, and Geothermal Operations	14700
1117	National Certificate in Electricity Supply (Field Switcher) (Level 4) with optional strands in Distribution Networks, Transmission Networks, and Operational and Co-ordination Planning	14700, 16281
1118	National Certificate in Electricity Supply (Sub Station Maintainer) (Level 4)	14700
1294	National Certificate in Electricity Supply (Electrical) (Level 3) with strands in Electricity Supply Electrician, Electrical Fitter, and Electrical Technician	14700
1375	National Certificate in Electricity Supply (Operator) (Level 3) with strands in Network and Hydro Operator, and Thermal Operator	14700, 16281, 19325, 19479
1624	National Certificate in Electricity Supply (Distribution Faultman) (Level 4) with strands in Line Mechanic, and Electrician	19479

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Engineering and Technology > Electricity Supply > Electricity Supply - Core Skills

ID	Title	Level	Credit	Review Category
19325	Demonstrate knowledge of the fundamentals of electricity generation in New Zealand	3	3	C
28572	Demonstrate knowledge of electricity generation in New Zealand	3	6	

Engineering and Technology > Electricity Supply > Electricity Supply - Power System Maintenance

ID	Title	Level	Credit	Review Category
14700	Apply and remove safety measures in an electricity supply environment	3	3	B

Engineering and Technology > Electricity Supply > Electricity Supply - Power System Management

ID	Title	Level	Credit	Review Category
16281	Maintain and update operating log for electricity supply operational purposes	3	3	B
19479	Use SCADA to manage the power system	3	5	B