

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

<b>Subfield</b>	<b>Domain</b>	<b>ID</b>
Electricity Supply	Electricity Supply - Core Skills	28020, 28112
	Electricity Supply - Distribution Networks	12295
	Electricity Supply - Transmission Networks	10528, 20419, 29083, 29084, 29085, 29086

The Infrastructure ITO (Connexis) has completed the review of the unit standards listed above.

**Date new versions published**

**September 2017**

**Planned review date**

**December 2022**

**Summary**

The review of these unit standards was initiated when an early review of the Transmission Line Maintenance qualification was conducted by Transpower, the organisation responsible for electricity transmission in New Zealand. Two new unit standards have been developed to meet the needs of the structure maintenance workers.

The review process followed stakeholder meetings with industry and feedback received from the group on the draft standards was incorporated in the final submission.

**Main changes**

- Nine unit standards were reviewed.
- Three unit standards had a change in credit value.
- Two new unit standards were developed.
- Unit standard titles and content were updated to better reflect the standard outcomes.

**The last date for assessment of superseded versions of Category B unit standards is December 2020**

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

All changes are in **bold**.

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

## Engineering and Technology &gt; Electricity Supply&gt; Electricity Supply - Core Skills

ID	Title	Level	Credit	Review Category
28020	Demonstrate knowledge of safe working electrical practices for Electricity Supply Workers	2	5	B
28112	Operate and store machinery, plant, and equipment in an electricity network environment	4	6	B

## Engineering and Technology &gt; Electricity Supply&gt; Electricity Supply - Distribution Networks

ID	Title	Level	Credit	Review Category
12295	Apply and remove earths from conductors on electricity supply networks	4	4	B

## Engineering and Technology &gt; Electricity Supply&gt; Electricity Supply - Transmission Networks

ID	Title	Level	Credit	Review Category
10528	Prepare steel and apply protective coatings to electricity network steel structures	3	6	B
20419	Use a conductor trolley on de-energised transmission line conductors	4	3 <b>6</b>	B
29083	Demonstrate knowledge of abrasive blasting in the electricity transmission industry	4	10	B
29084	Describe and apply protective coatings to electricity structures	4	25 <b>20</b>	B
29085	Apply quality control concepts to abrasive blasting and protective coatings on electricity structures	4	10	B
29086	Describe and apply pressure washing and abrasive blasting techniques to electricity structures <b>Describe and operate primary and secondary preparation equipment on electricity structures</b>	4	8 <b>12</b>	B
<b>30449</b>	<b>Carry out condition assessments of electricity supply tower structures</b>	<b>4</b>	<b>4</b>	<b>New</b>
<b>30450</b>	<b>Complete condition assessment of electricity supply wooden and concrete poles</b>	<b>4</b>	<b>4</b>	<b>New</b>