

**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	18028
	Electricity Supply - Transmission Networks	10528, 18025, 20414, 20415, 20419, 20420, 24746, 24747, 24749

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

**Date new versions published**

**August 2015**

**Planned review date**

**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**

- New unit standards have been written to accurately reflect industry terminology practice and evidence requirements.
- Existing standards have been amended to reflect current industry training and assessment requirements.

**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 > Electricity Supply > Electricity Supply - Core Skills

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
18028	Demonstrate knowledge of earthing in high voltage (HV) electricity network installations and works	3	2	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
18025	String, install, and attach transmission network conductors <b>Demonstrate knowledge of stringing, tensioning, and terminating transmission network conductors</b>	4	10	B
20414	Carry out condition assessments of electricity supply concrete and steel pole structures <b>Carry out condition assessments of electricity supply pole structures</b>	4	6	B
20415	Carry out condition assessments of electricity supply steel tower structures <b>Carry out condition assessments of electricity supply steel structures</b>	4	5	B
20419	Use a conductor trolley on de-energised transmission line conductors	4	3	B
20420	Replace transmission tower steel <b>Replace transmission tower structure steel</b>	4	6	B
24746	Rig electrical work structures <b>Demonstrate knowledge of rigging electricity network structures</b>	4	6	B
24747	Install and replace insulators and fittings	4	5	B
24749	Erect emergency transmission towers <b>Erect emergency transmission structures</b>	4	10	B
28942	<b>Demonstrate knowledge of legislation, codes of practice for registration as a transmission line maintainer</b>	4	4	New
28943	<b>Plan, and carryout maintenance on transmission grid assets, and carry out a rescue</b>	4	10	New
28944	<b>Demonstrate knowledge of construction and maintenance of electricity structures</b>	4	15	New
28945	<b>Demonstrate knowledge of three-phase theory for line maintainers</b>	3	3	New