

FIELD ENGINEERING AND TECHNOLOGY**Review of *Electricity Supply* unit standards**

Subfield	Domain	Id
Electricity Supply	Electricity Supply - Power System Maintenance	6985, 10411, 15156, 15564, 21228, 21229
	Electricity Supply - Power System Management	15558, 15561, 15566, 15567, 15569, 15570, 15576, 15577, 15579, 15580, 16274
	Electricity Supply - Transmission Networks	10517, 10519, 10528, 10530, 17569, 18022

The Electricity Supply Industry Training Organisation has completed the review of the unit standards listed above.

Date new versions published

December 2009

Planned review date

December 2014

Summary of review and consultation process

These unit standards have been reviewed to ensure they remain relevant to industry. Industry was invited to participate in the review and assessors were asked to comment on those standards they had assessed against. A notification of the standards being reviewed was also posted on the ESITO web site. As a result of industry and assessor feedback legislation and terminology have been updated. In addition some standards have been expired due to very low usage.

Main changes resulting from the review

- Special notes updated.
- Range statements updated.
- Standards 15561, 15564, 21228, and 21229 were designated expiring.

Category D unit standards will expire at the end of December 2012**Impact on existing provider accreditations**

None.

Impact on Accreditation and Moderation Action Plan (AMAP)

None.

Impact on existing qualifications

None.

Review Categories and changes to 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

Subfield Electricity Supply

Domain Electricity Supply – Power System Maintenance

Id	Title	Level	Credit	Review Category
6985	Repair and overhaul power transformers of 5kVA and above	5	10	B
10411	Service low voltage electric motors 415 volts and below	4	5	B
15156	Conduct hydraulic structures safety and surveillance inspections	3 4	4	B
15564	Service and repair water treatment plant process equipment	4	3	D
21228	Demonstrate and apply knowledge of dynamic balancing fundamentals	4	12	D
21229	Carry out advanced dynamic balancing	5	12	D

Subfield Electricity Supply

Domain Electricity Supply - Power System Management

Id	Title	Level	Credit	Review Category
15558	Investigate and analyse electricity generation plant and system failures Investigate and analyse electricity generation plant and system failures and recommend remedial actions	5	6	B
15561	Conduct analysis of electricity generation protection performance	5	8	D
15566	Manage implementation of power system dispatch instructions	6	10	B
15567	Produce power system dispatch implementation plan	6	6	B
15569	Manage power system control and optimisation	6	16	B
15570	Respond to emergencies which threaten electricity generation	5	15	B
15576	Operate and manage electricity transmission network	6	15	B
15577	Control electricity distribution network	6	15	B
15579	Manage hydrological resources for electricity generation	6	16	B

Id	Title	Level	Credit	Review Category
15580	Manage electricity generation dispatch	6	10	B
16274	Provide staffing services for electricity supply power system operations Manage operations staff to maintain the electricity supply and provide input to operational business plans	3 4	3	B

Subfield Electricity Supply

Domain Electricity Supply – Transmission Networks

Id	Title	Level	Credit	Review Category
10517	Overhaul electricity network tower foundations	4	8	B
10519	Construct transmission tower foundations	4	10	B
10528	Prepare steel and apply protective coatings to electricity network tower structures Prepare steel and apply protective coatings to electricity network steel tower structures	3	6	B
10530	Remove electricity network overhead pole line installations up to 110kV	3	6	B
17569	Replace transmission tower and tower cross arms	4	12	B
18022	Repair electricity network tower footings	2	4	B