Field Engineering and Technology

Revision of *Electricity Supply* unit standards

Subfield	Domain	ID
Electricity Supply	Electricity Supply - Core Skills	19325, 20093, 23898
	Electricity Supply - Distribution Networks	10513
	Electricity Supply - Power System Maintenance	14701
	Electricity Supply - Power System Management	12385, 15578, 19479, 24692
	Electricity Supply - Testing	24152

The Electricity Supply Industry Training Organisation (ESITO) has completed the revision of the unit standards listed above.

Date new versions published **September 2011**

Planned review dates

23898, 24152	**December 2012**
24692	**December 2013**
10513, 12385, 15578, 19479	**December 2014**
14701, 19325, 20093	**December 2015**

Summary

These unit standards were revised at the request of industry to better reflect practices within the electricity supply industry, and recent changes to governing bodies and legislation. Minor changes were made to outcomes, evidence requirements, range statements, and explanatory notes to reflect the latest industry practice, regulations, and terminology.

Main changes

- Changes were made to outcomes, evidence requirements, range statements, and explanatory notes in all unit standards.

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

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

ID	Title	Level	Credit
19325	Demonstrate knowledge of the fundamentals of electricity generation in New Zealand	3	3
20093	Develop and action an operating sequence in the electricity supply industry	4	4
23898	Carry out polarity and phasing on LV electricity networks	3	2

Engineering and Technology > Electricity Supply > Electricity Supply - Distribution Networks

ID	Title	Level	Credit
10513	Determine condition of electrical lines	3	6

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

ID	Title	Level	Credit
14701	Manage electricity supply work control systems	4	4

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

ID	Title	Level	Credit
12385	Operate hydro-electric generating plant on site	4	8
15578	Maintain electricity system frequency and voltage within agreed tolerances	5	6
19479	Use SCADA to manage the power system	3	5
24692	Demonstrate knowledge of water turbine governors for hydro-electric power plant	4	10

Engineering and Technology > Electricity Supply > Electricity Supply - Testing

ID	Title	Level	Credit
24152	Operate a cable spiking tool	3	2