

**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	20534
	Electricity Supply – Design and Commissioning	14292
	Electricity Supply – Power System Maintenance	6986, 10402, 10405, 10406, 10409, 10410, 10415, 10416, 15563, 15565, 18278
	Electricity Supply – Power System Management	15559, 15572
	Electricity Supply – Testing	14286, 14289, 14295

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

**Date new versions published****November 2008****Summary of review and consultation process**

A review of these unit standards was undertaken as part of a regular review cycle. Apart from one usage of unit standard 14292 in 2006 no other credits were reported for any of the unit standards since 2003. Industry confirmed that it had no need for them. Only unit standards 10405 and 10406 were in a qualification. These unit standards were therefore to be designated as expiring.

**Main changes resulting from the review**

Unit standards 6986, 10402, 10405, 10406, 10409, 10410, 10415, 10416, 14286, 14289, 14292, 14295, 15559, 15563, 15565, 15572, 18278, 20534 will expire as they cover skills no longer required by industry.

**Unit standards categorised as category D expire at the end of December 2009.****Impact on existing provider accreditations**

None.

**Impact on existing qualifications**

Qualifications that contain the reviewed standards or classifications are tabled below.

<b>Affected</b>	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
<b>Not materially affected</b>	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following Electricity Supply Industry Training Organisation qualification is affected by the outcome of this review and will be revised in 2009.

Qualification title	Standard in the qualification
National Certificate in Electricity Supply (Thermal Operator) (Level 4) with strands in Thermal Operations, Combined Cycle Operations, and Geothermal Operations [Ref: 0894]	10405, 10406

### 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 – Core Skills

Id	Title	Level	Credit	Review Category
20534	Read electricity supply meters	3	5	D

Domain Electricity Supply – Design and Commissioning

Id	Title	Level	Credit	Review Category
14292	Commission, service and/or repair communication systems between electricity supply substations	5	7	D

Domain Electricity Supply – Power System Maintenance

Id	Title	Level	Credit	Review Category
6986	Repair and overhaul high voltage switchgear	4	10	D
10402	Conduct shop inspections and repairs on free turbines	5	15	D
10405	Service geothermal energy production and transportation plant	4	10	D
10406	Repair and overhaul geothermal energy production and transportation plant	5	15	D
10409	Service condensing plant	3	3	D
10410	Repair and overhaul condensing plant	4	5	D
10415	Service steam turbine governor	4	8	D
10416	Repair and overhaul steam turbine governor	5	15	D
15563	Repair, set up and overhaul coal and ash handling plant	4	15	D
15565	Repair and calibrate water treatment plant analysis and process control equipment	5	10	D
18278	Service in-service battery banks in the electricity supply environment	2	2	D

## Domain Electricity Supply – Power System Management

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
15559	Plan medium and long term electricity generation plant life management	6	8	D
15572	Manage company exposure to New Zealand Electricity Market (NZEM)	7	15	D

## Domain Electricity Supply – Testing

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
14286	Carry out power surveys for harmonics and quality of supply	5	7	D
14289	Carry out tests on personal protective equipment used in the electricity supply industry	3	3	D
14295	Carry out maintenance and commissioning tests on energy metering and demand recording systems	5	7	D