

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

<b>Subfield</b>	<b>Domain</b>	<b>ID</b>
Electricity Supply	Electricity Supply - Thermal Operations and Control	17413, 17426, 17429, 17430, 17904-17913

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

**Date new versions published**

**December 2010**

**Planned review date**

**December 2015**

**Summary**

These unit standards were reviewed to ensure they remained 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 website. Due to little or no usage several of these standards were designated expiring and will not be replaced. Although there had been low usage of unit standard 17910 to date, industry confirmed the standard should be kept, as usage was expected to increase. Legislation and terminology were updated in the reviewed standards.

**Main changes**

- Explanatory notes and range statements were updated.
- Unit standards 17904, 17906-17909, 17912, and 17913 were designated expiring and will not be replaced.

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

Qualifications that contain the reviewed standards are tabled below.

<b>Key to type of impact</b>	
<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 table identifies a qualification developed by another SSB that is impacted by the outcome of this review. The SSB has been advised that the qualification requires updating. The standards that generated the status *Affected* are listed in **bold**.

Ref	Qualification Title	Classification or ID	SSB Name
1344	National Certificate in Energy and Chemical Plant (Process Operation) with optional strands in Steam Generation; Turbine Operations; Waste Treatment; Refrigeration; Chemical Continuous Process; Chemical Batch Process; Solid Handling; Petrochemical Field Operations; Petrochemical Control Room Operations; Petrochemical Production Storage; Kraft Cycle Operations; Kraft Bleach and Chemical Operations; and Kraft Pulping and Chemical Plant	<b>17904, 17906, 17907, 17908, 17909, 17912, 17913</b>	NZ Extractive Industries Training Organisation

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

Key to review category	
<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 - Thermal Operations and Control

ID	Title	Level	Credit	Review Category
17413	Operate and monitor generator and associated systems in a thermal electricity generation station	4	15	B
17426	Operate auxiliary steam range from a thermal electricity generation control room	4	2	B
17429	Operate vents and drains from a thermal electricity generation control room	4	4	B
17430	Operate barring gear and jacking oil systems from a thermal electricity generation control room	4	3	B
17904	Operate coal plant from control room in a thermal electricity generation power station	4	6	D
17905	Operate coal handling equipment in a thermal electricity generation power station	3	6	B
17906	Store coal in a thermal electricity generation power station	3	3	D
17907	Conduct coal sampling in a thermal electricity generation power station	2	1	D
17908	Operate a weighbridge in a thermal electricity generation power station	3	3	D
17909	Operate coal and ash plant electrical systems in a thermal electricity generation power station	4	5	D

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
17910	Operate an ash plant control room and pump house in a thermal electricity generation power station	4	5	B
17911	Conduct ash handling in a thermal electricity generation power station	3	5	B
17912	Operate ash ponds in a thermal electricity generation power station	3	2	D
17913	Operate a vacuum cleaning plant in a thermal electricity generation power station	2	1	D