

**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, 20092, 20094, 20095 |
|                    | Electricity Supply – Distribution Networks    | 12295                      |
|                    | Electricity Supply – Power System Maintenance | 14328, 14331               |

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

**Date new versions published**

**July 2011**

**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 in June 2010, and the changes made were as a result of the feedback received. A notification of the standards being reviewed was also posted on the ESITO website.

Minor changes were made to the standards to reflect updates to legislation and unit standard terminology.

**Main changes**

- Explanatory notes updated.
- Legislation and terminology updated.

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

| <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                      |
| 20092     | Demonstrate knowledge of electricity transmission and distribution plant and equipment             | 2            | 4             | B                      |
| 20094     | Receive and return transfer of control in the electricity supply industry                          | 4            | 4             | B                      |

| <b>ID</b> | <b>Title</b>  | <b>Level</b> | <b>Credit</b> | <b>Review Category</b> |
|-----------|---|--------------|---------------|------------------------|
| 20095     | Respond to substation secondary systems alarms and indications in the electricity supply industry | 4            | 4             | B                      |

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

| <b>ID</b> | <b>Title</b>   | <b>Level</b> | <b>Credit</b> | <b>Review Category</b> |
|-----------|--|--------------|---------------|------------------------|
| 12295     | Apply earths to and remove earths from overhead electric line conductors | 3            | 4             | B                      |

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

| <b>ID</b> | <b>Title</b>  | <b>Level</b> | <b>Credit</b> | <b>Review Category</b> |
|-----------|---|--------------|---------------|------------------------|
| 14328     | Carry out in-service visual inspections on substation equipment for safe operation        | 3            | 4             | B                      |
| 14331     | Carry out in-service visual inspection checks on substation auxiliary plant and equipment | 3            | 4             | B                      |