

**Field**      **Engineering and Technology**

**Registration of skill standards and review of unit standards for *Electricity Supply – Distribution Networks***

| <b>Subfield</b>    | <b>Domain</b>                                 | <b>ID</b>    |
|--------------------|---|--------------|
| Electricity Supply | Electricity Supply –<br>Distribution Networks | 31965- 31972 |

Energy and Infrastructure Industry Skills Board has completed the review of the standards listed above.

**Date new versions published**

**May 2026**

**Planned review date**

**December 2030**

**Summary**

Waihanga Ara Rau Construction and Infrastructure Workforce Development Council worked with a group of industry representatives to develop replacement skill standards for use in the programme leading to the New Zealand Certificate in Electricity Supply (Traction Line) (Level 4) [Ref: 3988]. The project was initiated by email and website posting in November 2024.

Technical advisors reviewed the draft skill standards in November 2025 which were sent for wider industry feedback. Minor changes to the skill standards were required.

Responsibility for the standards was transferred to Energy and Infrastructure Industry Skills Board to reflect VET reforms.

**Main changes**

- The standard setting body was changed from Waihanga Ara Rau Construction and Infrastructure Workforce Development Council to Energy and Infrastructure Industry Skills Board.
- Five skill standards were developed to replace eight expiring unit standards.

**Category C standards will expire at the end of December 2027.**

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

All changes are in **bold**.

| 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 – Distribution Networks

| ID           | Title   | Level    | Credit    | Review Category |
|--------------|---|----------|-----------|-----------------|
| 31965        | Demonstrate knowledge of the installation, tensioning and terminating of traction wires | 4        | 5         | C               |
| 31966        | Install, tension, and terminate traction wires  | 4        | 10        | C               |
| <b>41180</b> | <b>Install, tension, and terminate wires in a traction line network</b>                 | <b>4</b> | <b>15</b> |                 |
| 31967        | Install, repair or adjust traction support fittings                                     | 4        | 20        | C               |
| <b>41181</b> | <b>Install, repair or adjust support fittings in a traction line network</b>            | <b>4</b> | <b>20</b> |                 |
| 31968        | Install or repair traction network structures   | 4        | 10        | C               |
| <b>41182</b> | <b>Install or repair structures in a traction line network</b>                          | <b>4</b> | <b>10</b> |                 |
| 31969        | Demonstrate knowledge of traction network hardware defects                              | 4        | 3         | C               |
| 31970        | Carry out condition assessments of traction network hardware                            | 4        | 6         | C               |
| <b>41183</b> | <b>Carry out condition assessments of hardware in a traction line network</b>           | <b>4</b> | <b>10</b> |                 |
| 31971        | Demonstrate knowledge of traction network earthing and bonding systems                  | 4        | 5         | C               |
| 31972        | Install or repair traction network earthing and bonding systems                         | 4        | 10        | C               |
| <b>41184</b> | <b>Install or repair earthing and bonding systems in a traction line network</b>        | <b>4</b> | <b>15</b> |                 |