Field   *Engineering and Technology*

Review of *Electrotechnology* unit standards

Subfield	Domain	ID
Electrical Engineering	Electrotechnology	32024, 32025, 32026

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

Date new versions published   **November 2021**

Planned review date   **December 2026**

Summary

The Radio Frequency Users Association New Zealand (RFUANZ) and the employers in the sector formed a Customer Premises Systems Educational Committee whose role was to provide direct input in the review of the unit standards to support the Wireless Systems training in the New Zealand Certificate in Customer Premises Systems with strands in Structured Cabling, Control and Automation, Signal Reception and Distribution, and Wireless Systems [Ref: 2769].

The unit standards that were originally written for the Mobile and Relocatable Systems context were not used by industry as there was no programme offering and these will be designated expiring as they are now no longer fit for purpose.

Three new unit standards will be registered to fit the context of Wireless Systems as there is current need for the Wireless Systems strand based upon employer demand for qualified service technicians.

Main changes

- Unit standards 32024, 32025 and 32026 were designated expiring as they do not meet the needs of industry
- Three new unit standards were developed to meet industry requirements.

Category D unit standards will expire at the end of December 2023

Detailed list of unit standards – 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

Engineering and Technology > Electrical Engineering > Electrotechnology

ID	Title	Level	Credit	Review Category
32024	Demonstrate knowledge of mobile and re-locatable systems	4	15	D
32025	Install and configure standard and non-standard mobile or re-locatable systems, hardware, and support facilities	4	40	D
32026	Restore operation and performance of mobile or re-locatable systems, hardware, and support facilities	4	30	D
32984	**Demonstrate knowledge of radio theory and installation practice**	**4**	**15**	**New**
32985	**Select, install and commission wireless systems**	**4**	**30**	**New**
32986	**Demonstrate and apply knowledge of factors impacting performance of wireless systems and methods to mitigate impacts**	**4**	**30**	**New**