Field   **Engineering and Technology**

Review of *Electronic Security* unit standards

Subfield	Domain	ID
Electronic Engineering	Electronic Security	5881, 5890, 5891-5893, 26841, 30652, 30653, 31593-31603

The Waihanga Ara Rau Construction and Infrastructure Workforce Development Council has completed the review of the unit standards listed above.

Date new versions published   **September 2024**

Planned review date   **December 2026**

Summary

The review was initiated through their planned review date and the review of the New Zealand Certificate in Electronic Security (Level 4) with optional strands in Electrical Appliance Serviceperson (Endorsed), and Electrical Installer [Ref: 3818].

The review was announced on the Waihanga Ara Rau website and through industry newsletters. Online meetings were held with representatives from the Electronic Security industry in June 2024. The unit standards were reviewed to ensure that they are fit for purpose and relevant to the Electronic Security industries.

Main changes

- Fifteen unit standards were rolled over with a new review date of December 2026.
- Unit standards 5881, 5891, 5892 and 26841 guidance information and range statements were updated to meet current industry standards and requirements and a planned review date of December 2029.
- Unit standard 5881 title was changed from *Demonstrate knowledge of electronic security devices* to *Explain the purpose and application of electronic security devices*.

The last date for assessment of superseded versions of Category B unit standards is 31 December 2026

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> Electronic Engineering > Electronic Security

ID	Title	Level	Credit	Review Category
5881	Demonstrate knowledge of electronic security devices **Explain the purpose and application of electronic security devices**	3	5	**B**

ID	Title	Level	Credit	Review Category
5890	Install electronic security intruder alarm and control systems	3	8	**A**
5891	Install electronic security access control systems	3	7	**B**
5892	Install electronic security surveillance systems	3	7	**B**
5893	Install electronic security cable support systems and cables	3	10	**A**
26841	Demonstrate knowledge of electronic security systems and equipment	3	10	**B**
30652	Demonstrate knowledge of legislation, codes of practice, and Standards as applied to electronic security	3	5	**A**
30653	Install electronic security intercom equipment and systems	3	7	**A**
31593	Develop own professional and technical knowledge and identify emerging or converging electronic security technologies	4	5	**A**
31594	Diagnose and repair faulty electronic security systems	4	20	**A**
31595	Demonstrate and apply knowledge of data networking to support electronic security systems and services	4	10	**A**
31596	Develop solutions for electronic security intruder alarm systems	4	10	**A**
31597	Develop data networking solutions to support electronic security systems	4	10	**A**
31598	Demonstrate knowledge of electronic security system design	4	10	**A**
31599	Develop solutions for electronic security access control systems	4	10	**A**
31600	Develop solutions for electronic security surveillance systems	4	10	**A**
31601	Develop solutions for electronic security intercom systems	4	10	**A**
31602	Demonstrate knowledge of electronic security fault location and diagnostics	4	5	**A**
31603	Read, interpret, and update drawings and plans used in electronic security system installations	4	3	**A**