National Certificate in Electronic Security (Level 4)

Level	**4**
Credits	**108**

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2021.

Transition Arrangements

This qualification was reviewed and replaced by the New Zealand Certificate in Electronic Security (Level 4) with optional strands in Electrical Appliance Serviceperson (Endorsed) and Electrical Installer [Ref: 3818].

The last date for entry into programmes leading to the replaced qualification is 31 December 2019. The last date to meet the requirements of the replaced qualifications is 31 December 2021 when the qualifications will be discontinued.

For detailed information see Review Summaries on the NZQA website.

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	October 2000	December 2006
Review	2	July 2004	December 2013
Review	3	May 2011	December 2021
Review	4	May 2018	December 2021

Standard Setting Body

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National Certificate in Electronic Security (Level 4)

Level	**4**
Credits	**108**

Purpose

This qualification is for technicians working in the electronic security industry. It is designed to recognise the skill required for designing, installing, and commissioning electronic security systems, such as intruder alarms, closed circuit television, access controls, and intercom systems. These skills are transferable and can be applied in domestic, commercial, and industrial situations. The qualification also contains a unit standard covering supervision in the workplace which candidates may apply in other industries.

Typically, this qualification may be gained towards the end of a three to four year traineeship, during which trainees first complete the National Certificate in Electronic Security (Systems Installation) (Level 3) [Ref: 1632], or demonstrate equivalent skills and knowledge.

The qualification comprises one compulsory section that covers the following skills and knowledge:

- knowledge of electronic security systems, equipment functions, fault finding and commissioning of electronic security systems;
- design of electronic security intruder alarm, CCTV and access control systems;
- first line management standard, which would be appropriate for technicians required to supervise the work of others.

The qualification may lead to the National Diploma in Engineering (Level 6) with strands in Computer Engineering, Electrical Engineering, Electronics, Industrial Measurement and Control, and Telecommunications [Ref: 0846].

Special Notes

1 Prerequisite: National Certificate in Electronic Security (Level 3) (Systems Installation) [Ref: 1632], or demonstration of equivalent skills and knowledge.

2 People wishing to carryout prescribed electrical work in relation to the installation of electronic security systems must hold a current electrician or electrical installer practicing license or a limited certificate for trainees.

Credit Range

	Compulsory
Level 4 credits	108
Minimum totals	108

Requirements for Award of Qualification

Award of NZQF National Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided on the New Zealand Qualifications Authority (NZQA) website: http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- Compulsory standards

Detailed Requirements

Compulsory

The following standards are required

Business > Business Operations and Development > Systems and Resources Management

ID	Title	Level	Credit
1988	Supervise workplace operations	4	6

Engineering and Technology > Electronic Engineering > Computer Engineering

ID	Title	Level	Credit
22712	Demonstrate and apply introductory knowledge of computer network engineering principles	4	15

Engineering and Technology > Electronic Engineering > Electronic Security

ID	Title	Level	Credit
5896	Design electronic security access control systems	4	25
5897	Design electronic security intruder alarm systems	4	12
5906	Design electronic security CCTV systems	4	25
27178	Demonstrate knowledge of integrated electronic security system design, commissioning, and fault finding	4	25

Transition Arrangements

Version 3

Version 3 of this qualification was issued following a review carried out by the electronic security industry during 2009 and 2010 which resulted in standards being revised or removed, and new standards being added to the qualification. The review reflected the experience of several years of training, assessment, and industry experience and took into account the anticipated future skill requirements of the industry.

The National Certificate in Electronic Security (Installer) (Level 3) [Ref: 1102], was removed as the prerequisite because of changes to the electrical licensing classes, and replaced by the National Certificate in Electronic Security (Systems Installer) (Level 3) [Ref: 1632] qualification, which contains no electrical licensing component.

Changes to structure and content

- total credit value increased from 92 to 108
- all standards are now compulsory, the elective section has been removed
- standards 1988 and 5906 are now compulsory
- standards 5887, 5901, and 5904 were removed from the qualification
- standards 22712 and 27178 were added to the qualification.

For detailed information see Review Summaries on the NZQA website.

Candidates may choose to complete version 2 of the qualification or transfer to version 3. All new candidates will be enrolled in version 3 of the qualification.

Version 2 of this qualification was issued following reclassification of electronic security standards from the subfield of Electronics Technology to Electronic Engineering, and the introduction of the National Certificate in Electronic Security (Installer) (Level 3) [Ref: 1102], which was a prerequisite. It incorporated training for registration and licensing as an *Electrician limited to Electronic Security Installer* by the Electrical Workers Registration Board (EWRB).

Other standard setting bodies whose standards are included in the qualification

NZQA

Certification

This certificate will display the logos of NZQA, The Skills Organisation and the organisation that has been granted consent to assess against standards that meet the requirements of the qualification (accredited).

Classification

This qualification is classified according to the classification system listed on the Directory of Assessment Standards (DAS) and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		**NZSCED**	
Code	**Description**	**Code**	**Description**
1892	Engineering and Technology > Electronic Engineering > Electronic Security	031399	Engineering and Related Technologies > Electrical and Electronic Engineering and Technology > Electrical and Electronic Engineering and Technology not elsewhere classified

Quality Management Systems
Providers and Industry Training Organisations must be granted consent to assess by a recognised Quality Assurance Body before they can register credits from assessment against standards. Organisation with consent to assess and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Consent to assess requirements and the moderation system are outlined in the associated Consent and Moderation Requirements (CMR) for each standard.