

Title	Demonstrate knowledge of and apply legislation and standards for the fire protection industry		
Level	5	Credits	4

Purpose	<p>This unit standard is for personnel employed in the fire protection industry and covers the knowledge and application of legislation and standards to the industry.</p> <p>People credited with this unit standard are able to: demonstrate knowledge of and apply legislation to the fire protection industry; demonstrate knowledge of and apply the New Zealand Building Code and standards to the fire protection industry.</p>
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Classification	Mechanical Engineering > Fire Protection Systems Technology
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Available grade	Achieved
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Guidance Information

- Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the:

Building Act 2004
 Ministry of Business, Innovation and Employment (MBIE) *Acceptable Solutions (AS) and Verification Methods (VM)*. Available at <http://www.dbh.govt.nz/AS/VM-documents>
 New Zealand Building Code
 NZS 4512:2021, *Fire detection and alarm systems in buildings*,
 NZS 4541:2020, *Automatic fire sprinkler systems*,
 AS 1851:2012, *Routine service of fire protection systems and equipment*.
 Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- Definitions

Systems documentation refers to the documentation required to be maintained by NZS 4512:2021, including logbook, test reports, equipment details and drawings, specifications, contract agreement, software configurations and versions, additions and alterations, fire reports, building consents standards, codes of practice, installation instructions, test and commissioning procedures, and test and maintenance records.

Workplace procedures refer to the documented procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site safety procedures, equipment operating procedures, codes of practice, quality assurance procedures, housekeeping standards, charging of time and materials, management of drawings and documentation, procedures to comply with legislative and local body requirements.

3 Assessment information

- a. All activities must comply with relevant legislative and/or regulatory requirements and recognised codes of practice.
- b. All activities must demonstrate safe working practices.
- c. All activities must be completed and reported within agreed timeframes.
- d. All activities must be done in accordance with applicable plans, systems documentation, and workplace procedures.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of and apply legislation to the fire protection industry.

Range Building Act 2004;
evidence is required of provisions of the Act relating to – safety of public and property, fire detection and alarm systems, fixed fire protection systems, passive fire safety systems, system certification.

Performance criteria

- 1.1 Numbers, clauses, and verbatim text are quoted from the Act in response to given clues and/or situations.
- 1.2 References to clauses in Building Act, when answering the question given are identified and applied.
- 1.3 The requirements of the Act are applied to given situations within the scope of work performed by technicians and inspectors of fixed fire protection systems and fire detection and alarm systems.

Outcome 2

Demonstrate knowledge of and apply the New Zealand Building Code and standards to the fire protection industry.

Range New Zealand Building Code, the AS and VM documents, NZS 4512:2021, NZS 4541:2021, AS 1851:2012.

Performance criteria

- 2.1 References to relevant clauses in the New Zealand Code, AS and VM documents, when addressing inquiries about any aspect within the scope of work performed by technicians or inspectors of fixed fire protection systems and fire detection and alarm systems are identified and applied.
- 2.2 Given practical situations within the scope of work performed by technicians and inspectors of fixed fire protection systems and fire detection and alarm systems, standards are applied.

Planned review date	31 December 2029
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	31 December 2000	31 December 2017
Review	2	26 March 2007	31 December 2017
Revision	3	23 April 2008	31 December 2017
Review	4	15 October 2015	31 December 2026
Review	5	27 June 2024	N/A

Consent and Moderation Requirements (CMR) reference	0013
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.