

Title	Demonstrate knowledge of organisations and documentation that impact on the fire protection industry		
Level	3	Credits	4

Purpose	<p>This unit standard is for personnel employed in the fire protection industry, and covers the knowledge of organisations and documentation that impact on the industry.</p> <p>People credited with this unit standard are able to demonstrate knowledge of organisations and documentation that impact on 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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Explanatory notes

- References
 - 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 including the compliance schedule
 - AS 1851:2012, *Routine service of fire protection systems and equipment*
 - AS 4214:2006, *Gaseous fire extinguishing systems*
 - AS 4587:2003, *Water mist fire protection systems*
 - NFPA 12:2011, *Carbon dioxide extinguishing systems – system design, installation and commissioning*
 - NFPA 15:2012, *Water spray fixed systems for fire protection*
 - NFPA 16:2011, *Installation of foam-water sprinkler and foam-water spray systems*
 - NFPA 17:2013, *Dry chemical extinguishing systems*
 - NFPA 17A:2013, *Wet chemical extinguishing systems*
 - NFPA 750:2010, *Water mist fire protection systems*
 - NFPA 2001:2012, *Clean agent fire extinguishing systems*
 - SNZ PAS 4509:2008, *New Zealand Fire Service firefighting water supplies code of practice*
 - NZS 4503:2005, *Hand operated fire-fighting equipment*
 - NZS 4510:2008, *Fire hydrant systems for buildings*
 - NZS 4512:2010, *Fire detection and alarm systems in buildings*
 - NZS 4515:2009, *Fire sprinkler systems for residential occupancies*
 - NZS 4517:2010, *Fire sprinkler systems for houses*
 - NZS 4541:2013, *Automatic fire sprinkler systems*
 - AS1530.4:2005, *Fire resistance tests of elements of construction*

AS 4072.1:2005, *Components for the protection of openings in fire-resistant separating elements - Service penetrations and control joints.*

2 Definition

Standards refer to the standards listed in the references above.

3 Range

It is recommended that candidates provide evidence of organisations and documentation that impact on their own field of work.

Outcomes and evidence requirements

Outcome 1

Demonstrate knowledge of organisations that impact on the fire protection industry.

Range may include but is not limited to – Standards New Zealand, Standards Australia, Ministry of Business, Innovation and Employment (MBIE), Fire Safety Systems Inspection and Certification Bodies, New Zealand Fire Service, Electrical Workers Registration Board (EWRB), Territorial Authorities, Fire Protection Association of New Zealand (FPANZ), National Fire Protection Association (NFPA), Institute of Fire Engineers (IFE), Society of Fire Protection Engineers (SFPE), Institute of Professional Engineers New Zealand (IPENZ), F. M. Global, Association of Building Compliance.
Evidence of six is required.

Evidence requirements

- 1.1 Organisations that impact on the industry are identified.
- 1.2 The activities of the named organisations are described with reference to their functions in the industry.
- 1.3 The accountability and responsibility of each organisation and the industry under the relevant legislation and standards are described.

Outcome 2

Demonstrate knowledge of documentation that impacts on the fire protection industry.

Range documentation as per references in explanatory note 1.
Evidence of five documents is required.

Evidence requirements

- 2.1 Documentation that has a direct impact on the industry is identified by title.
- 2.2 The scope of each document, and the manner in which it impacts on the industry, are described.

2.3 The meaning of given terminology from glossaries in the documentation is obtained.

Range evidence of five terms is required.

2.4 The inspection and certification requirements for fire detection and alarms systems and fixed fire protection systems are outlined.

Planned review date	31 December 2020
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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	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>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact Competenz at qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.