

<b>Title</b>	<b>Establish and disestablish site facilities for the installation of fire safety systems</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	<p>This unit standard is for personnel employed in the fire protection industry and covers the establishment and disestablishment of site facilities for the installation of fire safety systems.</p> <p>People credited with this unit standard are able to: prepare for set-up and disestablishment of site facilities; set up site facilities; and disestablish site facilities for fire safety systems installation.</p>
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<b>Classification</b>	Mechanical Engineering > Fixed Fire Protection Systems
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<b>Available grade</b>	Achieved
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### Explanatory notes

#### 1 References

Building Act 2004

Hazardous Substance and New Organisms Act 1996

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 4512:2010, *Fire detection and alarm systems in buildings*

NZS 4541:2013, *Automatic fire sprinkler systems*.

#### 2 Definitions

*Enterprise 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.

*Plan* in this unit standard means the procedures developed to enable the work to be carried out in a logical and safe manner.

*Systems documentation* refers to the documentation required to be maintained by NZS 4512:2010 or NZS 4541:2013, including log book, test reports, equipment details and drawings, specifications, contract agreement, additions and alterations, fire reports, building consents standards, codes of practice, test and commissioning procedures, and test and maintenance records.

- 3 Range
- 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.
- 4 Assessment
- a This unit standard applies to both fire detection and alarm systems (NZS 4512:2010 applies) and fire sprinkler systems (NZS 4541:2013 applies). For credit, evidence of competence is only required for the set-up and disestablishment of site facilities for either fire sprinkler systems installations or for fire detection and alarm systems installations.
  - b For assessment purposes, competence must be demonstrated on set-up and disestablishment of facilities at three sites.

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## Outcomes and evidence requirements

### Outcome 1

Prepare for set-up and disestablishment of site facilities.

#### Evidence requirements

- 1.1 Systems documentation for installation is reviewed in accordance with enterprise procedures.
  - 1.2 Safety requirements for the establishment and disestablishment of fire safety systems are identified and referenced to the systems documentation in accordance with enterprise procedures.
  - 1.3 Plans are prepared and distributed in a timely manner in accordance with systems documentation and enterprise procedures.
- Range set-up and disestablishment.

### Outcome 2

Set up site facilities.

#### Evidence requirements

- 2.1 Personnel listed in plans are consulted regarding set-up in accordance with enterprise procedures.
- 2.2 Site facilities are established in accordance with systems documentation, plans, and enterprise procedures.
- 2.3 Safety requirements are complied with during set up of site facilities in accordance with systems documentation and enterprise procedures.

### Outcome 3

Disestablish site facilities for fire safety systems installation.

### Evidence requirements

- 3.1 Personnel listed in plan are consulted regarding disestablishment of facilities in accordance with enterprise procedures.
- 3.2 Disestablishment of facilities is completed in accordance with systems documentation, plans, and enterprise procedures.
- 3.3 Work documentation is completed in accordance with systems documentation and enterprise procedures.
- 3.4 Premises are cleared of all surplus introduced materials and equipment, and left in a clean and tidy condition in accordance with enterprise procedures.

<b>Planned review date</b>	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	30 January 1997	31 December 2017
Revision	2	20 December 2000	31 December 2017
Review	3	26 March 2007	31 December 2017
Revision	4	23 April 2008	31 December 2017
Review	5	15 October 2015	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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.

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**Comments on this unit standard**

Please contact Competenz at [qualifications@competenz.org.nz](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.