

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

Purpose	<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 for fire safety systems; set up site facilities for fire safety systems; and disestablish site facilities for installation of fire safety systems.</p>
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Classification	Mechanical Engineering > Fixed Fire Protection Systems
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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,
 Hazardous Substance and New Organisms Act 1996,
 NZS 4512:2021, *Fire detection and alarm systems in buildings*,
 NZS 4541:2020, *Automatic fire sprinkler systems*.
 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
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 4512:2021 or NZS 4541:2020, including logbook, 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.
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 systems documentation, plans and workplace procedures.

4 Range

- a This unit standard applies to both fire detection and alarm systems (NZS 4512:2021 applies) and fire sprinkler systems (NZS 4541:2020 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.

Outcomes and performance criteria**Outcome 1**

Prepare for set-up and disestablishment of site facilities for fire safety systems.

Performance criteria

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

Range set-up and disestablishment.

Outcome 2

Set up site facilities for fire safety systems.

Performance criteria

- 2.1 Personnel listed in plans are consulted regarding set-up.
- 2.2 Site facilities for fire safety systems are established.
- 2.3 Safety requirements are complied with during set up of site facilities.

Outcome 3

Disestablish site facilities for installation of fire safety systems.

Performance criteria

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

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	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	31 December 2026
Review	6	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.