

<b>Title</b>	<b>Suppress fire using hand extinguishers and fixed hose reels</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>1</b>

<b>Purpose</b>	People credited with this unit standard are able to: <ul style="list-style-type: none"> <li>- demonstrate knowledge of the fire classes and fire suppression techniques; and</li> <li>- select and use hand extinguisher and fixed hose reels to suppress the fire.</li> </ul>
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<b>Classification</b>	Community and Workplace Fire and Emergency Management > Workplace Fire and Emergency Response
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Compliance with the fire and emergency agency's Health and Safety policy and procedures is mandatory.
- 2 Assessment against this unit standard must take place under real or simulated conditions involving live fire.
- 3 This unit standard sets out the skills and knowledge required for the use of water, foam, carbon dioxide, dry powder and vaporising liquid extinguishers, fixed hose reels, and fire blankets.
- 4 Reference for this unit standard is: AS/NZS 1850:2009 *Portable fire extinguishers - Classification, rating and performance testing* available at <https://www.standards.govt.nz>.
- 5 Definition  
*Fire and emergency agency's requirements* refer to policies, procedures, and supporting documentation on safety and operation set down by each fire and emergency agency employer or host organisation.
- 6 Assessment against all outcomes must be in accordance with fire and emergency agency's requirements.

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### Outcomes and performance criteria

#### Outcome 1

Demonstrate knowledge of the fire classes and fire suppression techniques.

**Performance criteria**

- 1.1 Basic principles of fire suppression are identified in terms of cooling, smothering, and removal of fuel.
- Range at least three given situations.
- 1.2 Fire classes A, B, C, D, E, and F are identified in relation to fuels found in the person's own living and working environment.
- 1.3 Suppression techniques are identified and associated with the safe suppression of fire classes A, B, C, D, E, and F.
- 1.4 Extinguisher types are matched with fire classes in accordance with manufacturer's instructions.
- 1.5 The use of fire blankets and their limitations are explained in accordance with manufacturer's instruction manuals.

**Outcome 2**

Select and use hand extinguisher and fixed hose reels to suppress the fire.

**Performance criteria**

- 2.1 Fire is assessed with due consideration of the risk to people, property, and the possible consequences of using a hand extinguisher.
- Range fire size, fuel type, availability of extinguisher to suit the fire class, safe exit path.
- 2.2 Safety actions are taken in terms of the removal of people in immediate danger, alerting the occupants of the building, and the notification of emergency services.
- 2.3 Extinguishing media is applied to the fire as directed for the fire class, and manufacturer's requirements.
- Range water by fixed hose reels;  
any one hand extinguisher from – carbon dioxide, dry powder, foam.
- 2.4 Effect of the application is monitored and action taken to continue extinguishing action or seek outside assistance.

<b>Planned review date</b>	31 December 2026
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	16 March 1995	31 December 2023
Review	2	27 May 1998	31 December 2023
Revision	3	2 August 1999	31 December 2023
Review	4	25 March 2004	31 December 2023
Rollover	5	22 August 2008	31 December 2023
Review	6	20 November 2009	31 December 2023
Review	7	30 September 2021	N/A

**Consent and Moderation Requirements (CMR) reference**

0039

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact The Skills Organisation [reviewcomments@skills.org.nz](mailto:reviewcomments@skills.org.nz) if you wish to suggest changes to the content of this unit standard.