

Demonstrate knowledge of personal safety at fire and emergency incidents

Level 2

Credits 4

Purpose This unit standard is for fire and rescue personnel and other emergency service personnel attending fire incidents in a wide range of environments including building structures, ships, and vehicles; and involving fuels such as cellulose, flammable liquids, flammable gases, radioactive materials, oxidising metals, dusts, explosives, and chemicals.

People credited with this unit standard are able to demonstrate knowledge of potential hazards and protection of personal safety at fire and other emergency incidents.

Subfield Fire and Rescue Services

Domain Fire and Rescue Services - Structural and Industrial

Status Registered

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Entry information Open.

Accreditation Evaluation of documentation by NZQA and industry.

Standard setting body (SSB) Fire and Rescue Services Industry Training Organisation

Accreditation and Moderation Action Plan (AMAP) reference 0039

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

Special notes

- 1 Compliance with the fire and rescue service provider's Health and Safety policy and procedures is mandatory.
- 2 Assessment against this unit standard may take place under real or practical simulated conditions.

- 3 *Fire and rescue service provider's requirements or Standard Operating Procedures (SOPs)* refer to policies and procedures on safety and operation set down by each fire and rescue service employer or host organisation.
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Elements and performance criteria

Element 1

Demonstrate knowledge of potential hazards at fire and other emergency incidents.

Performance criteria

- 1.1 Potentially hazardous components of fire incident and non-fire environments are described in accordance with the fire and rescue service provider's requirements.
- Range may include but is not limited to – building structures, aircraft, ships, vehicles, vegetation fires, effect of terrain.
- 1.2 Hazardous substances are described by referring to their labelling systems, and their potential hazards for fire fighters are explained in accordance with the fire and rescue service provider's requirements.
- Range New Zealand class labels, United Nations number and class, Hazchem action guides, Kemmler codes, NFPA codes, Hazchem codes.

Element 2

Demonstrate knowledge of protection of personal safety at fire and other emergency incidents.

Performance criteria

- 2.1 Selection and use of personal protective equipment at various incident types is explained in accordance with the SOPs.
- 2.2 Measures taken to protect against injury and over exposure to radiant heat are described in accordance with the fire and rescue service provider's requirements.
- 2.3 Signs and symptoms of metabolic overheating are described in accordance with the fire and rescue service provider's requirements.
- 2.4 Preventative measures taken to combat metabolic overheating are described in accordance with the fire and rescue service provider's requirements.
- Range before and/or during.
- 2.5 Measures taken to protect against smoke inhalation are described in accordance with the fire and rescue service provider's requirements.

- 2.6 Communication requirements on the incident ground are explained in accordance with the fire and rescue service provider's requirements.

Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP 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 the Fire and Rescue Services Industry Training Organisation info@frsito.org.nz if you wish to suggest changes to the content of this unit standard.