

Title	Analyse the fundamentals of human behaviour in fire conditions		
Level	4	Credits	7

Purpose	<p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> - determine fire cue identifications; - analyse the range of probable human responses to fire cues; and - describe the actions of self-preservation and social interaction in life threatening situations and situations of critical stress.
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Classification	Community and Workplace Fire and Emergency Management > Workplace Emergency Risk Management
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Available grade	Achieved
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Guidance Information

- 1 Compliance with the fire and rescue service provider's Health and Safety policy and procedures is mandatory.
- 2 The term *fire cue* is used to describe the emitted indicators both direct and indirect of fire development over a variety of established recognition sequences. They may include indicators directly emitted by the fire and indicators from other sources that include fire warning systems, people, and other sundry means.

Outcomes and performance criteria

Outcome 1

Determine fire cue identifications.

Performance criteria

- 1.1 Principal fire signs and signals in structural fires are identified.
- 1.2 Typical sequences of fire cues are identified.

Range fire protected structures, non-fire-protected structures.
- 1.3 Human conditions that affect human recognition of fire cues are identified.

Range age, consciousness, mental and physical conditions, impairment from alcohol and drugs.

Outcome 2

Analyse the range of probable human responses to fire cues.

Performance criteria

- 2.1 Factors covering probable human response characteristics to fire cues across age and gender variables are identified.
- 2.2 Risk factors across human response characteristics are identified.
- Range age, consciousness, mental and physical conditions, impairment from alcohol and drugs.
- 2.3 Applied methods of modifying human response behaviours in fire situations are identified.

Outcome 3

Describe the actions of self-preservation and social interaction in life threatening situations and situations of critical stress.

Performance criteria

- 3.1 The common factors affecting human choice of exit and safe route in life threatening situations are identified.
- Range familiarity with the surrounding environment, level of supervision of safe routes and/or paths.
- 3.2 Social interactions of people when escaping from life threatening situations and situations of critical stress are identified.
- Range individualism, collectivism, leadership, selflessness.
- 3.3 Factors that may impede the rate of movement of groups of people through escape routes and/or evacuation paths are identified.
- Range may include but is not limited to – escape routes and or evacuation paths in high rise buildings, underground subways, licensed premises, sports stadiums, places of public assembly.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 December 1999	N/A
Review	2	25 March 2004	N/A

Process	Version	Date	Last Date for Assessment
Review	3	20 November 2009	N/A
Revision and Rollover	4	30 September 2021	N/A

Consent and Moderation Requirements (CMR) reference	0039
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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 Skills Organisation reviewcomments@skills.org.nz if you wish to suggest changes to the content of this unit standard.