

| | | | |
|--------------|--|----------------|----------|
| Title | Practise casualty care in fire and rescue services during rescue and extrication activities | | |
| Level | 4 | Credits | 5 |

| | |
|----------------|---|
| Purpose | <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> - describe the consequence and nature of injury to casualties of accidents and entrapment incidents; - take action to provide casualty care in situations of entrapment; and - identify the degree of casualty entrapment and act to facilitate casualty release from wreckage. |
|----------------|---|

| | |
|-----------------------|---|
| Classification | Fire and Rescue Services > Fire and Rescue Services - Structural and Industrial |
|-----------------------|---|

| | |
|------------------------|----------|
| Available grade | Achieved |
|------------------------|----------|

| | |
|----------------------|--|
| Prerequisites | <p>Unit 3283, <i>Demonstrate knowledge of personal safety at fire and other emergency incidents</i>; Unit 16949, <i>Apply rescue techniques for the extrication of entrapped people from vehicle wreckage</i>; and Unit 23406, <i>Provide first aid for trauma and medical emergency situations</i>; or demonstrate equivalent knowledge and skills.</p> |
|----------------------|--|

Guidance Information

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

Casualty refers to a person or people who are injured or trapped as a result of an incident or accident; related terms may include *victim* and *patient*.

Fire and emergency agency's requirements refer to policies, procedures and supporting documentation on safety and operations set down by each fire and emergency agency employer or host organisation.

Golden hour refers to the period of one hour following the sustainment of a traumatic injury.

Incident is used to describe accidents, situations, or events that result in the entrapment of people.

Vehicle describes any craft, machine, automobile, engine, or plant, unless otherwise described, that is mobile and can be involved in an incident or accident that results in the entrapment of people.

- 4 Assessment against outcome 2 must be in accordance with the fire and emergency agency's requirements.

Outcomes and performance criteria

Outcome 1

Describe the consequence and nature of injury to casualties of accidents and entrapment incidents.

Performance criteria

- 1.1 Impact incidents requiring the extrication of casualties are identified in terms of type and in accordance with the fire and emergency agency's requirements.
- Range crush, entanglement, entrapment.
- 1.2 Injuries commonly associated with high-impact incidents in the various riding positions in vehicles are identified in terms of their range and extent in accordance with the fire and emergency agency's requirements.
- Range a minimum of four of – head injuries, chest injuries, fractures, abdominal injuries, neck and spine injuries, lacerations, impalements, amputations.
- 1.3 The concept of the golden hour is explained in terms of its implications on rescue and extrication activities in accordance with the fire and emergency agency's requirements.
- 1.4 The communication triangle is explained in terms of its elements.

Outcome 2

Take action to provide casualty care in situations of entrapment.

Performance criteria

- 2.1 The wreckage is surveyed to provide a full assessment of, and access to, the number and location of entrapped and injured people.
- 2.2 Provisional assessment of first aid resource needs is made.
- 2.3 Safe entry is gained and casualty, self, and scene safety is maintained at the incident site.
- 2.4 A primary survey of the casualty is completed and the status of airways, breathing, and circulation is established, maintained, and enhanced.

- 2.5 The selection and fitting of neck and other immobilising restraints is completed.
- 2.6 Protection and continual reassurance is provided to the casualty.
- 2.7 The monitoring of changes in casualty status is recorded and communicated throughout rescue and extrication operations.

Outcome 3

Identify the degree of casualty entrapment and act to facilitate casualty release from wreckage.

Performance criteria

- 3.1 Touch is used to determine the level of entrapment of casualty in wreckage in accordance with the fire and emergency agency's requirements.
- 3.2 The sequencing of actions is identified in terms of casualty release in accordance with the fire and emergency agency's requirements.
- Range seats, steering equipment, collapsible structures, clothing, safety restraint systems, wreckage manipulation.
- 3.3 A safe exit path for casualty removal from debris and wreckage is described in terms of obstructing debris, casualty cushioning, glass cover, protruding objects, airbag components, sprung and unstable infrastructure components.

| | |
|----------------------------|------------------|
| Planned review date | 31 December 2023 |
|----------------------------|------------------|

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 |
| Review | 3 | 20 November 2009 | N/A |
| Revision and Rollover | 4 | 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 if you wish to suggest changes to the content of this unit standard.