
**FIRE AND RESCUE SERVICES -
STRUCTURAL AND INDUSTRIAL**
**Practice casualty care in fire and rescue
services during rescue and extrication
activities**

level:	4
credit:	5
final date for comment:	March 2008
expiry date:	December 2009
sub-field:	Fire and Rescue Services
purpose:	People credited with this unit standard are able to: 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 apply options to facilitate casualty release from wreckage.
entry information:	Prerequisites: Unit 3283, <i>Demonstrate knowledge of personal safety at fire and emergency incidents</i> ; and Unit 6400, <i>Manage first aid in emergency situations</i> ; or demonstrate equivalent knowledge and skills.
accreditation option:	Evaluation of documentation and visit by NZQA and industry.
moderation option:	A national moderation system of moderation networks has been established by the Fire and Rescue Services Industry Training Organisation.
special notes:	<ol style="list-style-type: none">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.

**FIRE AND RESCUE SERVICES -
STRUCTURAL AND INDUSTRIAL**
**Practice casualty care in fire and rescue
services during rescue and extrication
activities**

- 3 Definitions
vehicle describes any manufacturer assembled 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;
casualty refers to people who are injured or trapped as a result of an incident or accident; related terms may include victim and patient;
incident is used to describe accidents, situations, or events that result in the entrapment of people.
- 4 *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.

Elements and Performance Criteria

element 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 SOPs.

Range: crush, entanglement, entrapment.

**FIRE AND RESCUE SERVICES -
STRUCTURAL AND INDUSTRIAL**
**Practice casualty care in fire and rescue
services during rescue and extrication
activities**

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 SOP's.

Range: head injuries, chest injuries, fractures, abdominal injuries, neck and spine injuries, lacerations, impalements, amputations.

1.3 The phenomenon of the golden hour is identified and explained in terms of its implications on rescue and extrication activities in accordance with SOP's.

1.4 The communication triangle is explained in terms of its elements.

element 2

Take action to provide casualty care in situations of entrapment.

performance criteria

2.1 Surveyed wreckage provides a full assessment of, and access to, the number and location(s) of entrapped and injured people in accordance with SOPs.

2.2 Provisional assessment of first aid resource needs is made in accordance with SOPs.

2.3 Safe entry is gained and casualty, self, and scene safety is maintained at the incident site in accordance with SOPs.

2.4 A primary survey of the casualty(s) is completed and the status of airways, breathing, and circulation is established, maintained, and enhanced in accordance with SOPs.

2.5 The selection and fitting of neck and other immobilising restraints is completed in accordance with SOPs.

**FIRE AND RESCUE SERVICES -
STRUCTURAL AND INDUSTRIAL**
**Practice casualty care in fire and rescue
services during rescue and extrication
activities**

- 2.6 Protection and continual reassurance is provided to the casualty(s) in accordance with SOPs.
- 2.7 The monitoring of changes in casualty status is recorded and communicated throughout rescue and extrication operations in accordance with SOPs.

element 3

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

performance criteria

- 3.1 Touch used determines the level of entrapment of casualty(s) in wreckage in accordance with SOPs.
- 3.2 The sequencing of actions is identified in terms of casualty release in accordance with SOPs.
- Range: seats, steering equipment, collapsible structures, clothing, safety restraint systems, wreckage manipulation.
- 3.3 A safe exit path for the casualty(s) 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.

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.

Please Note

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register credits from assessment against unit standards or deliver courses of study leading to that assessment.

**FIRE AND RESCUE SERVICES -
STRUCTURAL AND INDUSTRIAL**
**Practice casualty care in fire and rescue
services during rescue and extrication
activities**

Industry Training Organisations must be accredited by the Qualifications Authority 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 providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0039 which can be accessed at <http://www.nzqa.govt.nz/site/framework/search.html>.