
**FIRE AND RESCUE SERVICES -
STRUCTURAL AND INDUSTRIAL**
**Demonstrate knowledge of the
establishment and maintenance of a
rescue tools staging area**

level:	3
credit:	4
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: demonstrate knowledge of the siting requirements, rescue tool inventories, and continuing maintenance for tool staging areas; demonstrate knowledge of motorised rescue equipment systems; and identify and describe the use of ancillary systems and processes to support tool-staging activities.
entry information:	Prerequisite: Unit 3283, <i>Demonstrate knowledge of personal safety at fire and emergency incidents</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**
**Demonstrate knowledge of the
establishment and maintenance of a
rescue tools staging area**

- 3 To gain credit for this unit standard the use and application of rescue equipment must be consistent with its design features and recommended working limitations issued by both the rescue equipment manufacturer and the candidate's service provider.
- 4 Definition
rescue equipment describes motorised hydraulic, pneumatic, electrically operated purpose designed rescue and extrication equipment. Rescue equipment may also include - hand tools, chocks, and wedges.
- 5 *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

Demonstrate knowledge of the siting requirements, rescue tool inventories, and continuing maintenance for tool staging areas.

performance criteria

- 1.1 Tool staging areas are identified in accordance with the fire and rescue service provider's requirements.

Range: rescue site location and conditions, rescue vehicle positioning and access, safety considerations, lighting.

**FIRE AND RESCUE SERVICES -
STRUCTURAL AND INDUSTRIAL**
**Demonstrate knowledge of the
establishment and maintenance of a
rescue tools staging area**

- 1.2 Tool inventory requirements to establish initial tool staging are identified in accordance with SOPs.
- 1.3 The requirements for further tool needs are identified in terms of the emergency situation.
- Range: additional resources for further evolvement of incident rescue and extrication needs, re-supplementation of depleting rescue equipment resources, additional pneumatic and hydraulic lines.
- 1.4 The make-up and re-stow of equipment at the completion of rescue and/or extrication activities is identified and takes account of priority equipment and is in accordance with the fire and rescue service provider's requirements.

element 2

Demonstrate knowledge of motorised rescue equipment systems.

performance criteria

- 2.1 The characteristics and specifications of each of the primary rescue tools are identified in terms of their use.
- Range: may include but not limited to - spreaders, cutters, rams, multi-tools, airbags, saws, props, abrasive discs, chisels.
- 2.2 The components of hydraulic and pneumatic rescue equipment systems are identified in terms of their use and functions.
- Range: may include but not limited to - oils, hoses, motors, dividing systems, tools, control systems.

**FIRE AND RESCUE SERVICES -
STRUCTURAL AND INDUSTRIAL**
**Demonstrate knowledge of the
establishment and maintenance of a
rescue tools staging area**

- 2.3 Rescue equipment faultfinding techniques at fire and rescue service emergency incidents are identified in terms of the manufacturer specifications, and fire and rescue service provider requirements.

element 3

Identify and describe the use of ancillary systems and processes to support tool-staging activities.

performance criteria

- 3.1 The roles and responsibilities of personnel involved in managing a tool staging area are identified in accordance with SOPs.
- 3.2 The establishment of lighting plant to assist tool-staging activities in low light conditions and darkness are described in accordance with SOPs.

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.

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.

**FIRE AND RESCUE SERVICES -
STRUCTURAL AND INDUSTRIAL**
**Demonstrate knowledge of the
establishment and maintenance of a
rescue tools staging area**

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>.