Title	Train a dog to locate multiple victims at urban search and rescue incidents		
Level	5	Credits	10

Purpose	People credited with this unit standard are able to: train a dog to search for and locate, in controlled simulated conditions, multiple persons concealed in a structural collapse; and manage the dog in a simulated search to locate victims. This unit standard is for people assigned to task forces actively involved in Urban Search and Rescue (USAR) and disaster operations.

Classification	Specialist Rescue > Urban Search and Rescue - Operations

Available grade	Achieved

Entry information	
Critical health and safety prerequisites	Unit 18516, *Demonstrate knowledge of, and provide support at, urban search and rescue operations*; and Unit 19659, *Train a dog for urban search and rescue incidents*; or demonstrate equivalent knowledge and skills.

Explanatory notes

1   Dog handlers will require credit for this unit standard and the following unit standards (or will need to demonstrate equivalent knowledge and skills) before they will be considered for participation in USAR high level operations: Unit 6400, *Manage first aid in emergency situations*; Unit 6401, *Provide first aid*; Unit 6402, *Provide resuscitation level 2*; Unit 17279, *Demonstrate knowledge of the coordinated incident management system (CIMS)*; Unit 10618, *Rescue casualties using rescue techniques*; Unit 7337, *Monitor health and provide husbandry for dogs*; Unit 5181; *Provide emergency first aid care to companion animals*; and Unit 5183, *Handle and transport injured companion animals.*

2   Legislation relevant to this unit standard includes but is not limited to – Health and Safety in Employment Act 1992, Dog Control Act 1996, Animal Welfare Act 1999, Civil Defence Emergency Management Act 2002, and subsequent amendments.

3   A *find* is the dog's location of the source of human scent.

4   An *indication* is a recognisable reaction of the dog on finding the person, including a focused bark alert for no less than 20 seconds.

5   Assessment against this unit standard will take place in a number of simulated situations, the final of which will be as follows:
Three search areas shall be developed within a structurally stabilized rubble pile.
Each search area should be a minimum of 800 metres square and an average height of two metres. Each search area should be able to be covered by a handler and dog in 20 minutes.
To simulate an emergency situation, six people (victims) are buried or concealed in the rubble pile 20 minutes prior to the start of the search.
A 10 minute rest is allowed between each of the three search areas. A maximum of 80 minutes (including rests) is allowed for the total search.
The handler may not accompany the dog on the rubble pile until a find is indicated, or as directed by the assessor.
At least five of the six victims must be successfully located.
Dual assessment (two assessors present) is required for assessment of the final simulated search.

Outcomes and evidence requirements

Outcome 1

Train a dog to search for and locate, in controlled simulated situations, multiple persons (victims) concealed in a structural collapse.

Evidence requirements

1.1   Dog searches independently and persistently for the victims.

1.2   Dog works cones of scent all the way to the victims.

1.3   Dog provides an indication upon locating the victims.

          Range   dog indicates scent, dog remains at victim's location after indication of scent, handler notifies assessor of find, no more than one false alert.

1.4   Dog responds to the handler's commands in the presence of distractions which may be simulated to ensure appropriate levels of distraction occur.

          Range   other animals, other people, loud noises similar to an explosion, noise, food, machinery.

1.5   Dog responds to basic obedience commands while heeling off lead.

          Range   right turn, left turn, about turn, half, change of pace, emergency stop.

1.6   Dog responds to handler's commands when directed remotely between elevations.

              Range   centre, left, right, back, forward, recall.

1.7   Dog negotiates a range of obstacles.

              Range   must include but is not limited to: angled ladder, elevated plank, unstable surface, tunnel.

1.8   Dog training techniques and care of dog are consistent with the requirements of animal welfare legislation.

1.9   Handler's actions during the training programme are consistent with the requirements of health and safety legislation.

Outcome 2

Manage the dog in a simulated search to locate victims.

Evidence requirements

2.1   Planning of the search includes an initial incident interview and assessment.

              Range   time of collapse, occupancy, known missing, previous search result, structural stability assessment result, safe entry, building plans, hazardous materials, utilities, heavy rescue support, medical support, veterinary support.

2.2   Planning of the search technique identifies areas for directed search.

              Range   results of initial reconnaissance, survey, primary surface search, incident action plan.

2.3   Any adjustment to the search plan is made in accordance with environmental conditions, search progress, and current rescue work being undertaken.

              Range   real and/or simulated environmental conditions may include but are not limited to – wind, rain, heat, cold.

2.4   Assistance provided to the dog during the search aids the search process.

              Range   assistance may include but is not limited to – stopping and restarting the search, guiding the dog, providing positive reinforcement, irrigating dog's eyes and nasal passages to remove dust, checking condition of feet pads, resting of dog.

2.5   Dog's responses to handler's commands during the search are consistent and aid the search process.

      Range   responses must include – independence, persistence, ability to work cones of scent, response signals on location of victims, ability to handle a minimum of three distractions, response to obedience commands while heeling off lead, ability to be directed remotely between elevations, agility in negotiating obstacles.

2.6   At least five of six victims are located within the required timeframe.

2.7   Debrief is provided to incident controller on search dog operation.

      Range   sketch of search area, recommendations.

2.8   Dog handling techniques and care of dog are consistent with the requirements of animal welfare legislation.

2.9   Handler's actions during the search are consistent with the requirements of health and safety legislation.

Planned review date	31 December 2013

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 October 2003	N/A
Rollover and Revision	2	22 October 2010	N/A

Accreditation and Moderation Action Plan (AMAP) reference	0039

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

Please note
Providers must be granted consent to assess against standards (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 granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Consent 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.