

**FRSITO STRUCTURED TRAINING PROGRAMME NC URBAN SEARCH AND RESCUE OPERATION  
TECHNICIAN  
LEVEL 3 VERSION 1**

**Trainee Name:**

This programme has a minimum of 63 credits of which 30 are core compulsory, and 15 are strand compulsory. A minimum of 18 credits are elective at level 3 or above. A minimum of 40 credits must be at level 3 or above.

The following unit standards are *Core Compulsory*

Unit ID	Description	Level	Credit	Holds
528	Demonstrate survival techniques for a Civil Defence emergency	2	3	
7317	Demonstrate knowledge of the Civil Defence rescue function	2	2	
7332	Control the movement of people and vehicles in Civil Defence at a specified location	3	2	
17279	Describe the coordinated incident management system in emergency response activities	2	4	
3283	Demonstrate knowledge of personal safety at fire and emergency incidents	2	4	
505	Manage personal physical fitness	1	3	
18516	Demonstrate knowledge of, and provide support at, urban search and rescue operations	3	3	
12355	Demonstrate knowledge of stress and ways of dealing with it	2	2	
6400	Manage first aid in emergency situations	3	2	
6401	Provide first aid	2	1	
6402	Provide resuscitation level 2	1	1	
497	Protect health and safety in the workplace	1	1	
1304	Communicate with people from other cultures	2	2	
<b>TOTAL</b>			<b>30</b>	

**STRAND COMPULSORY**

Unit ID	Description	Level	Credit	Holds
3272	Wear and operate breathing apparatus in general emergencies	3	3	
20540	Undertake structural collapse rescue as part of an urban search and rescue (USAR) operation	5	12	
<b>TOTAL</b>			<b>15</b>	

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**ELECTIVES**

A minimum of one standard is required from each set in elective list A. The balance of credits, if required, can be selected from elective list B. Ensure that you have identified any prerequisite(s) unit standard(s), and if necessary include these unit standards in the elective list if they are not already held.

**Elective A**

Select one of the two unit standards listed.

[Click on this link to provide details](#)

Unit	Description	Level	Credit	Holds
<b>TOTAL</b>			<b>0</b>	

**Elective B**

Select the balance of credits if required. Recommended unit standards are listed, or you may select from other unit standards in the specified domains providing they meet the criteria. They may be unit standards you already hold, providing they meet the qualification criteria.

[Click on this link to provide details.](#)

Unit	Description	Level	Credit	Holds
<b>TOTAL</b>			<b>0</b>	

**Overall programme totals**

Compulsory	30
Strand compulsory	15
Elective A	
Elective B	0
<b>TOTAL</b>	

<b>Signed (Employer/Host)</b>	.....
<b>Signed (Trainee)</b>	.....
<b>Date</b>	.....

*Attach a copy of this schedule to the signed and completed Training Agreement and return to:*

**FRSITO  
PO Box 11 988  
WELLINGTON**

**STRUCTURED TRAINING PROGRAMME NC URBAN SEARCH AND RESCUE OPERATION  
TECHNICIAN LEVEL 3 VERSION 1**

\* denotes a prerequisite

**Elective List A**

Unit ID	Description	Level	Credit
Select one standard from:			
7318*	Rescue casualties using Civil Defence rescue techniques	3	6
10618*	Rescue casualties using rescue techniques	4	5

**Elective List B**

**DOMAIN - WORKPLACE FIRE AND EMERGENCY RESPONSE**

16799	Carry out the duties of a workplace emergency warden	3	4
16800	Take action to control small emergency situations in a workplace	3	4
16801	Participate in a workplace emergency response team	3	4
16802	Act to protect people in situations of workplace danger	3	4
16803	Coordinate workplace emergency response team activities in an emergency	5	6
16806	Establish a workplace emergency response team	5	6
16807	Lead an emergency response team to protect people in situations of critical risk	5	6
16808	Manage the workplace emergency response to an emergency	5	7

**DOMAIN - WORKPLACE EMERGENCY RISK MANAGEMENT**

14558	Organise and conduct a monitored building evacuation	4	2
16804	Conduct non-technical workplace audits on emergency equipment and systems	4	4
16805	Manage workplace emergency prevention processes	4	4
16809	Coordinate workplace emergency protection activities	4	4
22445	Describe the roles and functions of a CIMS Incident Management Team (IMT) at an incident	4	4
16945	Analyse the fundamentals of human behaviour in fire conditions	4	7
16810	Develop a Workplace Emergency Management Plan	6	10

**DOMAIN - STRUCTURAL AND INDUSTRIAL**

3312*	Carry out decontamination procedures	3	3
4651	Apply knowledge of structural fire behaviour	3	3
16933	Describe the legal system and legislation empowering response to fire and emergencies	3	4
16936	Demonstrate knowledge of community risk management elements in fire and rescue services	3	4
16939	Demonstrate knowledge of advocacy for a fire and rescue service organisation	3	4
16946*	Demonstrate knowledge of the establishment and maintenance of a rescue tools staging area	3	4

16952	Apply salvage and overhaul techniques in fire and rescue services	3	4
20392	Protect and preserve a fire scene	3	4
20394	Apply basic ventilation techniques to assist fire and rescue operations	3	4
16943*	Identify principles of fire development in structures and compartments	3	5
20393*	Enter and suppress fire in fire-affected building	3	6
16940	Implement an advocacy plan for a fire and rescue service organisation	4	3
14559*	Assess draft building evacuation schemes for approval	4	4
16937	Apply community risk elements to fire and rescue services	4	4
14562*	Perform specialist rescues in confined spaces	4	5
16934*	Apply legislation in fire and rescue services	4	5
16947	Practice casualty care in fire and rescue services during rescue and extrication activities	4	5
3305*	Operate aerial appliances in emergency situations	4	6
20395*	Wear and operate breathing apparatus in specialist emergencies	4	6
3316	Service breathing apparatus equipment	4	7
3307*	Demonstrate knowledge of elements of construction and loads in fixed and mobile property fires	4	8
16949*	Apply rescue techniques for the extrication of entrapped people from vehicle wreckage	4	10
3315*	Carry out incident ground safety officer duties	5	2
4652	Explain principles of structural fire	5	5
3311*	Exercise initial command and control at hazardous substance emergencies	5	6
14898*	Exercise initial command and control at fuel fires	5	6
16948	Identify, control and lessen hazards in fire and rescue service operations at accident sites	5	6
16951*	Apply ventilation techniques to assist fire and rescue operations	5	6
3317*	Exercise initial command and control at structure fires	5	10
16935*	Incorporate and evaluate legislation in standard operating procedures in fire and rescue services	5	10
16942	Apply knowledge of building legislation issues in fire and rescue services	5	10
16944*	Apply knowledge of advanced fire development in structures and compartments	5	10
16950*	Control incident management activities at accident scenes in fire and rescue services	5	10
16941	Prepare an advocacy plan for use by a fire and rescue service organisations	6	4
10617*	Exercise command at multiple-crew emergency incidents	6	6
3284*	Carry out fire safety officer duties	6	8
16938	Incorporate community risk management elements into fire and rescue services planning	6	10
16953	Investigate and report on fire cause	6	15

#### DOMAIN - GENERIC FIRE FIGHTING

20388	Work safely with aircraft at emergency incidents	3	2
14557	Demonstrate knowledge of personnel emergencies on the incident ground	3	2
14555*	Carry out defensive control of structure and vehicle fires	3	3
20386*	Operate portable pumps for firefighting	3	3
14553	Explain the role of the fire and rescue service provider in community emergency incident preparedness	3	4
20385	Demonstrate hydraulic knowledge for firefighters	3	4

3275	Carry out tests on fire and rescue equipment	3	6
14560	Identify and utilise installed fire systems	4	4
10618*	Rescue casualties using rescue techniques	4	5
20387*	Operate self-propelled pumps for fire fighting	4	5
10613	Manage a volunteer fire and rescue group	4	6
3267	Drive fire and rescue vehicles in emergency situations	4	8
3281	Assess risk with respect to fire	5	3
14554*	Direct defensive control of structure and vehicle fires	5	3
3279	Manage station level duties	5	4
3321	Lead a petrochemical emergency response team	5	8
3322*	Coordinate petrochemical emergency operations	6	8
3323*	Select methods of firefighting petrochemical tank fires	6	8
3280*	Manage fire officer duties	6	12

#### DOMAIN - VEGETATION

3289*	Carry out ignition at prescribed vegetation burning operations	3	1
3286	Control vegetation fire using dry fire fighting techniques	3	2
3287	Suppress vegetation fire with water and water with additives	3	2
3288*	Load water and additives for aerial operations	3	2
20399	Demonstrate knowledge of legislated responsibilities of Rural Fire Officers and a Rural Fire Authority	3	2
3285	Demonstrate knowledge of protection of personal safety at vegetation fires	3	3
14565	Use maps and aerial photographs to locate and navigate to vegetation fires	3	3
3294	Lead prescribed vegetation burning operations	4	3
3292	Lead heavy machinery operations for use at vegetation fires	4	3
3299	Provide vegetation fire support services	4	3
14564	Demonstrate knowledge of the fire environment on vegetation fire behaviour	4	3
20398	Issue fire permits	4	3
3291	Lead a vegetation fire crew	4	4
3293	Lead ground support for air operations at vegetation fires	4	4
14556	Apply fire weather index system data for fire preparedness measures	4	4
3290	Exercise initial response, command and control for vegetation fire operations	5	4
3304	Assess threat from vegetation fire	5	5
14563	Supervise the operation of aircraft at vegetation fires	5	5
3296*	Manage prescribed vegetation burning operations	5	6
10615*	Investigate causes of vegetation fires	5	6
20396*	Manage ground operations at vegetation fires	5	6
4648	Demonstrate knowledge of vegetation fire behaviour	5	8
20397	Demonstrate knowledge of legislated responsibility of a Rural Fire Authority	5	8
3297*	Manage air operations at vegetation fires	6	8
3300*	Command vegetation fire incidents	6	8
4649*	Apply knowledge of vegetation fire behaviour for fire management	6	10
4650*	Carry out planning activities at rural fire operations	6	10

#### DOMAIN - AIRPORT

3328*	Rescue people in aircraft marine incidents	3	3
3324	Drive rescue fire vehicles in airport environments	3	4
3334	Carry out watchroom duties for airport fire and rescue services	3	4

3330*	Carry out aerodrome safety functions	4	4
20389*	Respond to and fight external aircraft fire	4	4
20390*	Carry out internal aircraft firefighting and rescue	4	4
20391	Demonstrate knowledge of aircraft and the hazards for fire and rescue operations	4	4
3331	Demonstrate knowledge of aircraft for fire and rescue operations	4	8
3327*	Lead entry team in an aircraft incident	5	4
3329*	Direct rescue operations in aircraft marine incidents	5	9
3326*	Command aircraft fire and rescue operations	6	10
3335*	Manage an airport rescue fire service	6	10

#### **DOMAIN - SPECIALIST RESCUE**

20537*	Provide initial response at rope rescue incidents	4	6
20538*	Perform descender based rope rescue	4	6
20539*	Perform specialist rope rescues	4	15

#### **DOMAIN - DELIVERY OF ADULT EDUCATION AND LEARNING**

7097	Deliver interactive group training sessions for adult education and training	5	8
7107	Facilitate group learning activities for adults	4	4
7108	Conduct on-job training for adults	4	8
7115	Create and maintain a learning environment for adult learners	4	4
19444	Deliver group training sessions to adults	4	8

#### **DOMAIN - ASSESSMENT OF LEARNING**

4098	Use standards to assess candidate performance	4	5
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#### **DOMAIN - PRE HOSPITAL EMERGENCY CARE**

14470*	Provide enhanced basic life support	4	2
14471*	Provide extended first aid	4	6
14473*	Move and position patients in preparation for transportation	4	1