

**FRSITO STRUCTURED TRAINING PROGRAMME  
NC URBAN FIRE AND RESCUE OPERATIONS  
LEVEL 3 VERSION 4**

**Trainee Name:**

This programme has a total credit value of 63 credits - 43 compulsory credits and 20 elective credits.

The following unit standards are *Compulsory*

Unit ID	Description	Level	Credit	Holds
17279	Describe the coordinated incident management system in emergency response activities	2	2	
3270	Establish and deliver water supplies for fire fighting	2	3	
3274	Carry out station duties	3	2	
3275	Carry out tests on fire and rescue equipment	3	6	
20386	Operate portable pumps for fire fighting	3	3	
3312	Carry out decontamination procedures	3	3	
16943	Identify principles of fire development in structures and compartments and smoke on people	3	5	
20392	Protect and preserve a fire scene	3	4	
20394	Apply basic ventilation techniques to assist fire and rescue operations	3	4	
20395	Wear and operate breathing apparatus in specialist emergencies	4	6	
23406	Provide first aid for trauma and medical emergency situations	3	5	
<b>TOTAL</b>			<b>43</b>	

***ELECTIVES***

A minimum of 20 credits at level 3 or above is required from the elective lists A and 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 a minimum of 15 credits from the attached list \(Click on this link to provide details\):](#)

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

Please go to next page to continue

**Elective B**

Select a minimum of 5 credits at level 3 or above if required. Recommended unit standards are listed, or you may select from anywhere on the National Qualifications Framework, and they may be unit standards you already hold, providing they meet the qualification criteria. You may use other unit standards from elective list A.

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

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

**Overall programme totals**

**Overall programme total**

Compulsory		43
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 FIRE AND RESCUE OPERATIONS  
LEVEL 3 VERSION 4**

\* denotes a prerequisite

**Elective List A**

**DOMAIN - STRUCTURAL AND INDUSTRIAL**

<b>Unit ID</b>	<b>Description</b>	<b>Level</b>	<b>Credit</b>
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
20393*	Enter and suppress fire in a 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
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 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 organisation	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
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**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
3272 Wear and operate breathing apparatus in general emergencies	3	3
14555* Carry out defensive control of structure and vehicle fires	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
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 responsibilities 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 - 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

14560 Identify and utilise installed fire systems	3	4
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

## Elective List B

\* Indicates a prerequisite requirement

### 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 - URBAN SEARCH AND RESCUE OPERATIONS

18516	Demonstrate knowledge of, and provide support at, urban search and rescue operations	3	3
20540*	Undertake structural collapse rescue as part of an urban search and rescue (USAR) operation	5	12

### OTHER RECOMMENDED UNIT STANDARDS

43	Maintain a chainsaw	3	5
6917*	Operate a chainsaw	3	5
17976	Demonstrate knowledge of and skills for driving a light four wheel drive (4WD) vehicle in an off-road environment	3	4
17978*	Operate a light four wheel drive (4WD) vehicle in an off-road environment	3	4
17977*	Develop a plan for off-road light four wheel (4WD) driving	4	5
17599	Plan a confined space entry	4	5
17600	Explain safe work practices for working at heights	3	3

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17602	Apply hazard identification and control procedures in the workplace	3	4
18426	Demonstrate knowledge of hazards associated with confined space	3	4
20645	Describe the requirements of the HSNO Act 1996 relevant to approved handlers	3	3
3491	Write a report	3	4
9679	Participate in a formal meeting	4	4
7318	Rescue casualties using Civil Defence rescue techniques	3	6
3602	Identify, handle and store chemicals in an emergency and chemical environment	3	5