

**FRSITO STRUCTURED TRAINING PROGRAMME
NC SPECIALIST RESCUE - CONFINED SPACE TECHNICIAN
LEVEL 3 VERSION 1**

Trainee Name:

This programme has a minimum of 58 credits of which 39 are compulsory. 45 credits must be at level 3 or above.

The following unit standards are *Compulsory*

Unit ID	Description	Level	Credit	Holds
17279	Describe the coordinated incident management system in emergency response activities	2	4	
3272	Wear and operate breathing apparatus in general emergencies	3	3	
3283	Demonstrate knowledge of personal safety at fire and emergency incidents	2	4	
3312	Carry out decontamination procedures	3	3	
20536	Demonstrate awareness of rope rescue operations and hazards	2	1	
20537	Provide initial response at rope rescue incidents	4	5	
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	
17599	Plan a confined space entry	4	5	
18426	Demonstrate knowledge of hazards associated with confined space	3	4	
3058	Perform gas tests for energy and chemical plant	4	5	
TOTAL			39	

ELECTIVES

A minimum of one standard is required from each set in elective list A. The balance of credits are selected from elective list B of which at least 45 credits must be at level 3 or above. 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 standard from each of the Sets 1, 2, and 3.

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

Unit	Description	Level	Credit	Holds
Set 1				
Set 2				
Set 3				
TOTAL			0	

Please go to next page to continue

Elective B

A minimum of 10 credits at level 3 or above is required. Recommended unit standards are listed, or you may select from other domains specified in the qualification. 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
TOTAL			0	

Overall programme totals

Compulsory	39
Elective A	0
Elective B	0
TOTAL	FALSE

Signed (Employer/Host)
Signed (Trainee)
Date

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 SPECIALIST RESCUE - CONFINED SPACE
TECHNICIAN LEVEL 3 VERSION 1**

* denotes a prerequisite

Unit ID	Description	Level	Credit
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Elective List A

Select one standard from each of the Sets 1, 2 and 3

Set 1

10618*	Rescue casualties using rescue techniques	4	5
7318*	Rescue casualties using Civil Defence rescue techniques	3	6

Set 2

20388	Work safely with aircraft at emergency incidents	3	2
423	Work with helicopters	3	3

Set 3

4573	Communicate in the outdoors using two-way radio	2	1
11282	Communicate using a radio telephone in a compliance context	2	1

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

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
16940	Implement an advocacy plan for a fire and rescue service organisation	4	3
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
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 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

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 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 - AIRPORT

3328*	Rescue people in aircraft marine incidents	3	3
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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

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

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

Elective List C

OTHER RECOMMENDED UNIT STANDARDS

* Denotes a prerequisite

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
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
3602	Identify, handle and store chemicals in an emergency and chemical environment	3	5
9701	Write proposals	4	3
11095	Write business correspondence to convey complex ideas and information	3	3

1312	Give oral instructions in the workplace	3	3
11099	Develop strategies for communicating in a culturally diverse workplace	4	4
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
4098	Use standards to assess candidate performance	4	5