



New Zealand Urban Search & Rescue

www.usar.govt.nz

Overview of National Response & Training Tier System

September 2002
USAR Training Standards Committee

For more information on accredited training providers, visit
www.nzqa.govt.nz

Or contact Fire & Rescue Services Industry Training Organisation
www.frsito.org.nz, Phone (04) 801-9469

Introduction

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| Category | 0 |
| Purpose | <p><i>To introduce the national USAR system and ensure students are aware of the international systems used that they may encounter at a structural collapse incident.</i></p> <p><i>Minimum for all emergency service personnel.</i></p> |
| Duration | 4 hours. |
| Content | <ul style="list-style-type: none">• NZ USAR response system• Integrating CIMS with USAR• Personal protective equipment• Structural marking systems• Search marking systems• Warning signals• Collapse plan• Initial action strategies |
| Pre-requisites | None |
| Target Group | <ul style="list-style-type: none">• Fire (all personnel)• Ambulance (all personnel)• Police (all personnel)• Civil Defence (all sections)• Structural Engineers• Support agencies• Other Government Organisations• Communications Centre staff• Neighbourhood Support Groups• Security companies• Building wardens• Workplace Emergency Response Teams• General public |
| Trainer Requirements | <p>Certified USAR Awareness Trainer</p> <p><i>Includes: USAR Responder, Workplace Assessor Registration, Instructional Techniques Course, and either CAT2 or 2 day USAR Awareness Trainer course.</i></p> |
| Certification | USAR Certificate (Introduction) |

Awareness

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| Category | 1A |
| Purpose | <i>To establish the first response capability within key organisations, able to conduct supervised surface search and rescue operations at structural collapse incidents.</i> |
| Duration | 2 days (includes Introduction - category 0) |
| Content | <ul style="list-style-type: none">• Introductory modules (category 0)• Hazards• Safe working practices• Confined space operations• Occupancy interview• Building construction• Collapse patterns• Secondary collapse indicators• Rubble crawl• Line and hail search• Stretcher carry• Response exercises• Competency assessment (NZQA 18516) |
| Pre-requisites | Introduction - category 0 |
| Target Group | <ul style="list-style-type: none">• Fire (as required)• Ambulance (as required)• Civil Defence (as required)• Structural Engineers• Local rescue teams (including Red Cross)• Other rescue organisations• Building Wardens• Workplace Emergency Response Teams |
| Trainer Requirements | Certified USAR Awareness Trainer |
| Certification | USAR Orange Ticket (NZQA 18516) |

Responder

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| Category | 1R |
| Purpose | <p><i>To establish a first response and task force support capability, with self-sufficient skills to conduct first aid, surface and low height rescue operations.</i></p> <p><i>Minimum for all task force support personnel (communications, logistics, high angle, canine search etc).</i></p> |
| Duration | First Aid – 2 days CIMS – 1 day General Rescue – 3 days |
| Content | <ul style="list-style-type: none">• First Aid/CPR (NZQA 6400, 6401, 6402)• Introduction to CIMS (NZQA 17279)• General Rescue (NZQA 7318/10618)<ul style="list-style-type: none"><i>Includes:</i> Safety in rescueReconnaissanceAnchorsBasic rope workCasualty handlingLaddersLow height rescuesImprovised rescues |
| Pre-requisites | USAR Awareness (NZQA 18516) |
| Target Group | <ul style="list-style-type: none">• Fire (as required)• Ambulance (as required)• Civil Defence (Rescue section)• Structural Engineers (Specialist)• Red Cross Emergency Teams• Community Rescue Teams• Other Rescue Organisations (SAR etc)• Building Wardens• Workplace Emergency Response Teams• Task Force Technical Support• USAR K9 Search Specialists |

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| Trainer Requirements | First Aid | NZ Resuscitation Council - Level 2 Instructor; and; NZQA Accredited Provider |
| | CIMS | LG/FRS ITO Assessor General Rescue USAR GR Trainer |
| Certification | USAR Orange Card [Responder] & FRSITO USAR Responder Certificate | |

Technician

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| Category | 2 |
| Purpose | <p><i>To provide internationally compatible medium/heavy rescue capability for specialist and subterranean search and rescue operations.</i></p> <p><i>Minimum for all task force technicians.</i></p> |
| Duration | 3 weeks |
| Content | <ul style="list-style-type: none">• Health & safety• Physical conditioning/challenge• Tool familiarisation• Structural engineering• Lifting and cribbing• Burning, cutting, breaking, breaching• Shoring• Patient care• Technical search• Disaster victim identification• Deployment procedures• 72 hour exercise |
| Pre-requisites | <ul style="list-style-type: none">• USAR Responder• Rope access/rescue course• Confined space entry/safety• Breathing apparatus• Hydraulic rescue equipment |
| Target Group | <ul style="list-style-type: none">• Task Force Technicians• Task Force Specialists <p><i>Restricted to approved members of the USAR Task Force system only – Not publicly available.</i></p> |
| Trainer Requirements | <p>NZFS PDU Registered Tutor (USAR CAT2)</p> <p><i>This course is exclusively accredited to the New Zealand Fire Service Professional Development Unit to ensure quality standards are met.</i></p> |
| Certification | <p>NZQA/NZFS PDU Course Certificate (USAR Technician) USAR Orange Card [Technician]</p> |

Manager

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| Category | 3 |
| Purpose | <i>To provide task force managers and leaders, the skills to manage task force training and operations, while being able to provide sound technical advice to the incident controller at a structural collapse incident.</i> |
| Duration | To be determined |
| Content | <ul style="list-style-type: none">• Leadership and command• Multi agency incident control (CIMS)• Task Force deployment management• Structural collapse incident management• INSARAG procedures/guidelines• Media management <i>(Content for this level under development)</i> |
| Pre-requisites | USAR Technician |
| Target Group | <ul style="list-style-type: none">• Task Force Leaders/Deputy• Task Force Operations Officers• Task Force Squad Leaders |
| Trainer Requirements | USAR Steering Committee approved |
| Certification | National Diploma in USAR (under development) USAR Orange Card [Manager] |