



Australian Government

Assessment Requirements for PUASAR028 Undertake rescue from a partial structural collapse

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the PUA Public Safety Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and includes

- applying hygiene precautions
- applying safe work practices
- communicating with team members and casualties
- completing victim marking
- completing post incident reports
- concluding rescue operations
- conducting a dynamic risk assessment
- conducting primary surface search and rescue involving audible and visible search, line and hail search and physical search
- determining location and condition of casualties
- establishing and maintaining exclusion zones
- establishing and maintaining rescue scene safety
- extricating a casualty whilst minimising further injury to casualty, self and others
- following organisational policies and procedures including Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements
- gaining access to casualties
- identifying evidence of the location of casualties within the collapsed structure
- identifying, monitoring and controlling hazards and environmental conditions
- maintaining situational awareness
- managing the scene to control access including implementing structural collapse marking system and sectoring site of structural collapse and defining boundaries
- monitoring incident site
- operating rescue equipment
- participating and contributing to briefings and debriefings
- preparing for structural collapse operation
- preserving scene evidence
- recognising and discussing potential hazards and associated risks
- recovering, cleaning and maintaining equipment
- removing casualties

- stabilising and making safe incident scene
- undertaking rescue scene assessment
- using debris removal and shoring techniques
- using hauling and lifting techniques
- using rescue equipment including cutting and breaking equipment, generators and lighting equipment, lifting and hauling equipment and powered equipment
- using rescue techniques including shoring and debris removal
- using ropes, anchors and rigging systems
- using systematic approach when undertaking rescue from a partial structural collapse
- wearing personal protective clothing and equipment
- working autonomously and/or as part of a team and within the responsible organisation or agency's command and control structure

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements, performance criteria and range of conditions and includes knowledge of

- hazard identification and risk management
- medical considerations and patient packaging for partial structural collapse casualties
- nature of incident resulting in structural instability and partial collapse
- operational briefing and debriefing procedures
- organisational documentation, policies and procedures including maintaining post incident records
- organisational incident command and control systems
- participating in briefings and contributing to debriefings
- personal protective clothing and equipment
- personnel roles and responsibilities
- powered tools including cutting equipment, hydraulic tools, lifting equipment, pneumatic equipment, stabilising equipment, winches and ropes and ladders
- principles and practices of structural collapse operations
- rescue equipment capabilities and limitations
- rescue equipment including atmosphere monitoring equipment, buckets, chain saws, communications equipment, drills, electrical detectors, generators, hand tools, lifting and hauling equipment, lighting, medical equipment, ropes, shoring and building stabilisation and wheel barrows
- rescue equipment used to extricate casualty including fire protection equipment, glass management kit, hand tools and lighting equipment
- rescue scene assessment
- stabilisation techniques including controlling entry and entry points, cribbing, removing debris and using temporary and permanent shoring
- systematic approaches to rescues
- task information including environmental and other hazards, nature, cause and location of

incident, occupancy, type and magnitude of incident, type and number of casualties, vehicles and type of structure

- treating hazards including eliminating hazard, isolating area or source, stabilising overhead hazards and using personal protective clothing and equipment
- types of evidence identifying casualties within a collapsed structure
- types of hazards including biological hazards including body fluids and tissue, untreated sewage, damaged utilities and infrastructure including electricity, gas, water, rubble and debris, hazardous materials and atmospheres, mobile hazards including traffic and wild or domestic animals and situational and environmental hazards including adverse weather, insufficient light, difficult terrain, heights and still and moving bodies of water
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including risk mitigation

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in organisationally approved simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to

- a range of relevant exercises, case studies and/or simulations involving structural instability and rescue
- relevant and appropriate materials, rescue tools, rescue equipment and personal protective clothing and equipment used in industry including
 - equipment, personnel, facilities appropriate to a range of incidents
 - structural collapse rescue or simulation of a structural collapse incident
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operations manuals.

Links

PUA Training Package Companion Volume Implementation Guide is found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf>