



Australian Government

PUASAR024 Undertake road crash rescue

Release: 2

PUASAR024 Undertake road crash rescue

Modification History

Release 2. Updated superseded HLT Pre-requisite unit.

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

Application

This unit of competency involved the skills and knowledge required to gain access to and extricate casualties from vehicles that have crashed on the road, such as cars, motorcycles, buses, vans, trucks and semi-trailers, whilst minimising the potential for further injury and preserving the integrity of evidence.

The unit is applicable to members of rescue teams and requires responders to access casualties using a range of techniques, and to operate specialist equipment to undertake the rescue.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

HLTAID011 Provide First Aid

PUASAR022 Participate in a rescue operation

Competency Field

Search and Rescue

Unit Sector

Not applicable

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare and respond to road crash rescue

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Operation and task information is obtained through a briefing, in accordance with organisational procedures

- 1.2 Road rescue equipment is checked, serviced and made operationally ready for use
 - 1.3 Rescue equipment is selected based on incident information
 - 1.4 Personal protective clothing and equipment is selected relevant to the nature of the rescue operation
 - 1.5 Any further details on the nature of the rescue are received en route, in accordance with organisational procedures
 - 1.6 Anticipated hazards and associated risks are discussed with rescue team members while on route, in accordance with organisational procedures
- 2 Establish and maintain rescue scene safety**
 - 2.1 Road crash scene is assessed, hazards and risks are identified and appropriate control measures and ongoing monitoring processes are put in place
 - 2.2 Scene management procedures are followed, in accordance with organisational procedures and legal requirements
 - 2.3 Safe working area is established and monitored to prevent injury to self and/or others
 - 2.4 Vehicles are stabilised to prevent movement during access and removal of casualties, in accordance with organisational procedures
- 3 Manage casualties**
 - 3.1 Hygiene precautions are maintained, in accordance with organisational procedures
 - 3.2 Casualties are assessed and stabilised to minimise further injury or discomfort during rescue operations
 - 3.3 Nature of injuries or entrapment is ascertained to develop an extrication plan, in accordance with organisational procedures
 - 3.4 Support is provided to medical personnel assisting with the treatment of casualties, as required
- 4 Remove casualties from vehicle**
 - 4.1 Access plans are determined in consultation with team leader and medical personnel
 - 4.2 Safety procedures are implemented to protect casualties from further injury or discomfort during access and

	removal from vehicle
	4.3 Access path is provided for removal of casualties using appropriate rescue techniques and equipment
	4.4 Casualties are removed from vehicle using appropriate rescue removal techniques and equipment
5 Conclude road crash rescue operations	5.1 Appropriate actions are taken to preserve the incident scene, in accordance with organisational procedures
	5.2 Equipment is recovered, cleaned and maintained, in accordance with organisational procedures and manufacturers' guidelines
	5.3 Decontamination procedures are followed, in accordance with organisational procedures
	5.4 Hygiene precautions are implemented, in accordance with organisational procedures
	5.5 Operational debriefing is participated in and documentation is completed, in accordance with organisational procedures
	5.6 Operational documentation including post incident report is completed, in accordance with organisational procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to PUASAR024A Undertake road crash rescue.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf>

Assessment Requirements for PUASAR024 Undertake road crash rescue

Modification History

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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 rescue scene management procedures and safe work practices
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements
- checking, servicing and cleaning recovered equipment
- communicating and operating in a multi-agency environment
- completing decontamination procedures
- completing operational documentation including exposure records, incident field notes, incident reports, post operational reports using organisational reporting system
- concluding road crash rescue operations
- confirming operation and task information including environmental and other hazards, location, other agencies or organisations responding and type and number of casualties and vehicles
- contributing to debriefings
- developing and implementing extrication and access plans
- establishing and maintaining rescue scene safety
- following organisational policies and procedures
- following rescue scene management procedures
- identifying hazards, assessing risks and implementing control measures
- implementing emergency care practices
- implementing safety procedures to protect casualties
- managing casualties
- obtaining operation and task information
- preparing and responding to road crash rescues
- preserving crash scene evidence and incident scene
- removing casualty from vehicle using rescue removal techniques
- selecting and wearing personal protective clothing and equipment including rescue equipment

- stabilising vehicles to prevent movement during the assessment and removal of casualties
- supporting medical personnel
- undertaking initial and ongoing scene assessments
- using appropriate rescue technique and rescue equipment safely in a range of situations
- using road crash rescue techniques
- working in teams

Knowledge Evidence

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

- appropriate rescue techniques
- casualty access and extrication methods and techniques
- dangers associated with vehicle safety devices
- emergency care procedures including controlled and immediate releases and protecting casualties using alternative entries
- establishment and maintenance of safe working areas and minimisation of hazards
- extrication plans including alternate entries and controlled and immediate releases
- field notes, incident reports and logbook requirements
- hazards
- hygiene precautions
- infection control and hygiene procedures
- legal requirements related to road crash rescue responders
- manufacturers' guidelines
- operation and task information including environmental and other hazards, location, other agencies or organisations responding and type and number of casualties and/or vehicles
- operational readiness
- organisational documentation, policies and procedures
- powered tools including lifting, cutting and pneumatic equipment and hydraulic tools
- preserving evidence at the scene including disturbing only to gain access or make scene safe, preserving incident scene until investigation activities are completed and preserving integrity of evidence
- procedures for returning equipment to operational readiness
- processes and procedures for briefings and debriefings
- rescue equipment characteristics and limitations
- rescue equipment including cutting equipment, fire protection equipment, glass management kit, hand tools, hydraulic tools, lifting equipment and pneumatic equipment
- rescue removal techniques including extrication devices, spinal immobilisation device and spine board (backboard)
- rescue scene management procedures including access and egress, cordoning and screening scene, electrical systems, glass management, isolating vehicle, managing bystanders and media, positioning response vehicles, preserving evidence, removing hazards, searching for missing occupants, staging areas, traffic control and traffic plans

- road crash and rescues procedures relevant to a range of vehicles including door removal, folding down sill and foot well or front seat
- roles and responsibilities of rescue personnel and other participating agencies or organisations
- ropes and ladders
- safe working capacity of rescue equipment
- safety procedures to protect casualties including padding of sharp hazards (hard and soft protection), personal protective clothing and equipment for casualty including helmets, glasses, dust mask and ear protection and shielding from debris, glass and tools
- stabilisation of vehicle including chaining, chocking, jacking, propping, ratchet straps, roping, tensioning and use of webbing
- stabilising equipment and winches
- types of collisions including crushed vehicle, head on, jack knife, load management, multiple vehicle accidents, off set (quarter oblique), rear impact, side impact (T-bone), vehicle rollover and vehicle under ride or over ride
- types of hazards including adverse weather and environmental conditions, after dark operations, biohazards, composite materials including carbon fibre and fibre glass, difficult terrain, electricity, gas, hazardous materials, other road users, supplementary restraint systems, including airbags, traffic and bystanders, vehicle fuel, propulsion systems and glazing, wild or domestic animals, water and sewerage utilities and occupational stress
- types of vehicle including buses, cars, farm vehicles, motorcycles, semi-trailers and trucks
- use of personal protective clothing and equipment
- vehicle construction and dangers in cutting vehicle parts and panels
- 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
- relevant and appropriate materials, rescue tools, communication equipment and personal protective clothing and equipment currently used in industry

- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

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