



Australian Government

Department of Education, Employment and Workplace Relations

PUASAR002B Undertake road accident rescue

Release: 1

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Modification History

Not applicable.

Unit Descriptor

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This unit covers the competency to undertake road accident rescue operations as a member of a rescue team.

Application of the Unit

Application of the Unit

The application of this unit in the workplace - the environments, complexities and situations involved - will be written during Phase II of the Review of the PUA00 Public Safety Training Package.

This text will be useful for the purposes of job descriptions, recruitment advice or job analysis; where possible, it will not be too job specific to allow other industries to import it into other Training Packages, where feasible.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite Unit/s

PUAEME002C Manage injuries at emergency incident
PUASAR001B Participate in a rescue operation

Employability Skills Information

Employability Skills

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the Required Skills and Knowledge and/or the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Prepare for road accident rescue	<p>1.1 Equipment is checked and serviced to ensure it is ready for use</p> <p>1.2 Operation and task information is obtained and analysed</p> <p>1.3 Rescue equipment is selected based on incident information</p> <p>1.4 Personal protective equipment is selected relevant to the nature of the rescue operation</p>
2. Establish and maintain rescue scene safety	<p>2.1 A safe working area is established and maintained to prevent injury to self and others</p> <p>2.2 Vehicle/s are stabilised to prevent movement during access and removal in accordance with organisational standards and procedures</p> <p>2.3 Hazards are minimised during the rescue operation to prevent injury to self or others</p> <p>2.4 Scene management procedures are followed in accordance with organisational procedures and legal requirements</p> <p>2.5 The incident scene is prepared to facilitate the prompt and safe rescue of casualties</p>
3. Manage casualties	<p>3.1 Casualties are assessed and stabilised to minimise further injury or discomfort during rescue operations</p> <p>3.2 Nature of injuries/entrapment is ascertained to develop an extrication plan</p> <p>3.3 Support is provided to medical personnel assisting with the treatment of the entrapped person/s as required</p>
4. Remove casualties from entrapment	<p>4.1 Access plans are determined in consultation with team leader and medical staff</p> <p>4.2 Procedures are implemented to protect the casualties from further injury or discomfort during access and removal</p> <p>4.3 An access path is provided for removal of casualties using appropriate rescue techniques and equipment</p> <p>4.4 Casualties an/or deceased persons are removed from vehicle using appropriate rescue removal techniques and rescue equipment</p>
5. Conclude road accident	<p>5.1 Accident scene is preserved for investigating</p>

ELEMENT**rescue operations****PERFORMANCE CRITERIA**

officers

- 5.2 Equipment is recovered, cleaned and maintained in accordance with manufacturer's guidelines and organisational procedures prior to leaving the scene
- 5.3 Hygiene procedures are followed in accordance with organisational procedures
- 5.4 Where identified, signs and symptoms of operational stress in self and others are recognised and reported to appropriate personnel
- 5.5 Operational debrief is participated in and **documentation** is completed to organisational standards

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- ability to work in a multi-agency environment
- ability to work in teams
- apply emergency care practices
- apply relevant RAR techniques
- apply scene management procedures
- disaster victim identification procedures
- initial (ongoing) scene assessment
- wearing of appropriate PPE

Required Knowledge

- awareness of the need to return equipment to operational readiness after use
- dangers associated with SRS
- documentation requirements
- emergency care
- equipment characteristics and safe working loads in rescue operations
- establishment and maintenance of safe working areas and minimisation of hazards
- hazards and environmental threats
- infection control procedures
- legal requirements for responders
- methods of access
- operating procedures and organisational standards
- operational briefing and debriefing procedures
- personal hygiene protocols
- RAR techniques
- reconnaissance processes
- relevant occupational health and safety principles and practices
- rescue equipment manufacturer's operational guidelines
- road accident rescue concepts as described in the Australian Emergency Manual - *Road Accident Rescue*
- roles and responsibilities of, and relationship with, other emergency services
- use of personal protective equipment
- vehicle construction and dangers in cutting vehicle parts and panels

Evidence Guide

EVIDENCE GUIDE

Critical aspects for assessment and evidence required to demonstrate competency in this unit

It is essential for this unit that competence be demonstrated in extrication of casualty/s; minimising further injury or discomfort while conducting rescue operation; application of safe work practices

Context of and specific resources for assessment**Consistency in performance**

Evidence should be gathered over a period of time in a range of actual or simulated workplace environments

Context of assessment

Evidence of competent performance should be obtained by observing an individual in a variety of actual and simulated road accident rescues using a range of equipment

Specific resources for assessment

Access to vehicles for exercise simulations

Guidance information for assessment

Information that will assist or guide assessment will be written during Phase II of the Review of the PUA00 Public Safety Training Package.

Range Statement

RANGE STATEMENT

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the Performance Criteria is detailed below.

Operational task information may include

location
type and number of casualties/vehicles
environmental and other hazards
other agencies responding

Rescue equipment may include

air operated equipment
pneumatic
hydraulic
mechanical
electrical tools
firefighting equipment
patient protection equipment
cutting
lifting
spreading and winching equipment
scene warning and traffic control equipment
generators and lighting equipment
hand tools
stabilising equipment

Casualty protection procedures may include

padding of sharp hazards (hard and soft protection)
shielding from debris
glass and tools
PPE for casualty (helmet, glasses, dust mask, ear protection)

Personal protective equipment may include

protective clothing
helmets
ear protection
eye protection

RANGE STATEMENT**Hazards may include**

infection protection
high visibility clothing
electricity
gas
water and sewerage utilities
hazardous materials/dangerous substances
vehicle fuel
vehicle glass
vehicle fuel systems
difficult terrain
adverse weather
after dark operations
traffic and bystanders
supplementary restraint systems
bio-hazards
other road users

Extrication plan may include

controlled release
immediate release
alternate entries

Scene management procedures may include

traffic control
management of bystanders and media
cordoning and screening scene
searches for missing occupants
glass management
isolation of vehicle electrical systems
access and egress
removal of hazards
consider preserving evidence
staging areas
positioning of response vehicles

Vehicle stabilisation

chocking

RANGE STATEMENT**techniques may include**

packing
jacking
roping
chaining
propping

Appropriate rescue techniques may include

door removal
side removal
third door entry
folding down sill
roof removal techniques

- full roof flap
- forward roof flap
- side roof flap

foot well/front seat techniques

- pulling the column
- lifting the dash
- dash roll
- winching the dash
- exposing the foot well

side impact techniques

- cross ramming

overturned vehicle techniques

- inverted side removal
- flapping the floor pan
- inverted ramming

light commercial vehicle techniques

- van dash roll

Rescue removal techniques may include

use of spinal immobilisation device
spine board (back board)
cervical collars
KED extrication device

Preservation of accident scene may include

defining and redefining scene boundary
securing the scene

RANGE STATEMENT**Operational documentation
may include**

preservation of evidence and related legal requirements
incident field notes
post operational report
incident report
exposure records
organisation's reporting system

Unit Sector(s)

Not applicable.

Corequisite Unit/s

Co-requisite Unit/s	Nil
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