



Australian Government

PUAOPE010 Operate an automated external defibrillator in an emergency

Release: 2

PUAOPE010 Operate an automated external defibrillator in an emergency

Modification History

Release 2. Updated superseded HLT Pre-requisite unit.

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

Application

This unit of competency involves the skills and knowledge required to treat a casualty using an Automated External Defibrillator (AED) to defibrillate at an emergency, including the before and after procedures.

It will include using techniques for the administration of an AED according to industry standards and regulatory body guidelines and following AED medically endorsed protocols which may involve working with or without other personnel whilst engaged in the resuscitation.

The unit is applicable to personnel who will be assessing casualty and develop management plans, checking equipment, attaching and operating equipment and recovering and restoring equipment. It is appropriate for personnel from emergency services and/or organisations that provide a medically supervised first aid service.

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

Pre-requisite Unit

HLTAID011 Provide First Aid

Competency Field

Operations

Unit Sector

Public Safety

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

1 Check equipment

- 1.1** Pre-use check of safety and effectiveness of equipment is undertaken, in accordance with organisational procedures and manufactures' instructions
- 1.2** Minor faults are diagnosed and repairs are carried out to restore equipment to working order, in accordance with organisational procedures and manufactures' instructions
- 1.3** Faults and defects are reported and recorded, in accordance with organisational procedures and manufactures' instructions

2 Attach and operate equipment

- 2.1** Equipment is set up, in accordance with organisational procedures and manufacturers' instructions
- 2.2** Automated External Defibrillator (AED) is attached and operated according to manufacturers' guidelines and safety procedures
- 2.3** Work is undertaken cooperatively with whilst conducting resuscitation techniques using an AED

3 Recover and restore equipment

- 3.1** Equipment is disinfected or discarded, in accordance with organisational procedures and manufacturers' guidelines
- 3.2** Equipment is charged, stored and safeguarded against damage or loss, in accordance with organisational procedures and manufacturers' guidelines
- 3.3** Reports are completed and submitted to appropriate personnel

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 PUAOPE010C Operate an automated external defibrillator in an emergency.

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 PUAOPE010 Operate an automated external defibrillator in an emergency

Modification History

Release 2. Updated superseded HLT Pre-requisite unit.

Release 1. This is the first release of this unit of competency in the 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 Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements
- attaching and operating equipment
- checking equipment including pre and post checks
- communicating with casualty and team members
- estimating age and weight of casualty
- following organisational policies and procedures
- identifying hazards and risks
- implementing safe work practices while using an Automated External Defibrillator (AED)
- managing situation in a calm and orderly manner and taking action to ensure safety and comfort of casualty
- participating as a team member
- recognising signs and symptoms of sudden cardiac arrest
- recovering and restoring equipment including reporting faults
- using resuscitation equipment and techniques

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

- adherence and positioning of electrode pads
- Automated External Defibrillator (AED) and Semi-Automated External Defibrillator (SAED) basic operations
- characteristics and limitations of equipment
- defibrillation safety including shock delivery protocols
- hazards
- human body and its systems
- industry standards including Australian Resuscitation Council guidelines

- organisational documentation, policies and procedures
- principles of operation and troubleshooting for AEDs
- processes for cleaning and discarding equipment
- roles and responsibilities of team members
- site and casualty safety precautions
- specifications and precautions for safe storage and handling of defibrillator resuscitation and kits
- state and territory legislative and regulatory requirements including duty of care
- types of casualties
- 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.

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

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.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in industry approved simulated workplace operational situations that reflect workplace conditions.

Competency should be assessed in a range of simulated emergencies operating an Automated External Defibrillator (AED).

Resources for assessment must include access to

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, equipment, tools and personal protective clothing and equipment currently used in industry including
 - defibrillation equipment and/or kit
 - resuscitation manikin
 - suitable site to simulate an emergency
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume Implementation Guides are found in VETNet -

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