



Australian Government

PUAFIR307 Operate aerial appliance

Release: 1

PUAFIR307 Operate aerial appliance

Modification History

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

Application

This unit of competency involves the skills and knowledge required to operate aerial appliances designed for high level rescues or firefighting at an incident. It includes siting aerial appliance, operating appliance and concluding operations.

The unit applies to personnel required to safely and competently site and operate aerial appliances.

The fire sector is those sections of government departments, statutory authorities or organisations that have responsibility under jurisdictional arrangements for the delivery of firefighting and fire management services.

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

Pre-requisite Unit

It is essential that the prerequisite units listed below are obtained prior to the issuance of this unit to individuals within the fire sector or the units contributing to the attainment of a fire qualification.

PUAEQU001 Prepare, maintain and test response equipment

PUAFIR210 Prevent injury

PUAVEH001 Drive vehicles under operational conditions

Competency Field

Fire

Unit Sector

Fire

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Site aerial appliance

- 1.1** Onsite physical hazards which impact on safe working operations of appliance and ancillary equipment are identified and appliance is sited to minimise impact, in accordance with organisational procedures
- 1.2** Aerial appliance is positioned in a location that supports operational requirements, in accordance with organisational procedures, to prevent injury to personnel or damage to equipment and facilities
- 1.3** Personal protective clothing and equipment is selected and worn, in accordance with organisational procedures and Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements
- 1.4** Personnel working with the aerial appliance are deployed, in accordance with organisational operating procedures and WHS/OHS guidelines

2 Operate appliance

- 2.1** Aerial appliance is operated within safe working limits, in accordance with organisational procedures and manufacturers' specifications
- 2.2** Performance of aerial appliance is monitored and adjusted in response to changed conditions to achieve determined strategies and objectives
- 2.3** Action is taken to rectify any deficiencies in the operation of the aerial appliance, where possible
- 2.4** Aerial appliance is operated in a manner to prevent injury to personnel or damage to equipment and facilities
- 2.5** Fire spread, onsite hazards and atmospheric conditions and their potential impact on aerial appliance operations are monitored and relevant information is referred to appropriate personnel
- 2.6** Communication is established and maintained with appropriate personnel through the chain of command

3 Conclude operations

- 3.1** Ancillary equipment is cleaned, reinstated and stowed, in accordance with organisational procedures and WHS/OHS guidelines

- 3.2** Aerial appliance is checked and equipment is maintained and any faults or deficiencies are reported, in accordance with organisational procedures
- 3.3** Participate in debriefing sessions

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.

aerial appliance must include

- hydraulic articulated platform
- hydraulic platform
- ladder platform
- teleboom
- turntable ladder

ancillary equipment must include two or more of the following

- breathing apparatus
- communications
- firefighting
- lighting
- rescue

Unit Mapping Information

This unit replaces and is equivalent to PUAFIR317 Operate aerial appliance.

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>