



Australian Government

PUAFIR202B Respond to isolated/remote structure fire

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit Descriptor

This unit covers the competency for responding to an isolated/remote structure fire, when working as a member of a team, under direct supervision.

Isolated/remote structures include houses and farm buildings.

There may be a village with some community buildings or some agricultural buildings. All structures are isolated from each other and the possibility of fire spread between structures is extremely low.

This competency does not cover firefighting strategies at fires within any structures, nor fires involving dangerous goods and/or hazardous substances.

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	PUAFIR201B Prevent injury
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Employability Skills Information

Employability Skills	This unit contains employability skills.
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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. Proceed to fire

- 1.1 Information received about the location and **type of fire** is recorded in accordance with the organisation's requirements
- 1.2 Appropriate **protective clothing** is donned in accordance with the organisation's procedures
- 1.3 The most effective route to the fire is identified

2. Prepare extinguishing media and/or equipment for use

- 2.1 **Water supplies** at the incident to support firefighting are located
- 2.2 **Equipment** to access and supply water to the firefighting operations is identified and assembled in accordance with the organisation's procedures
- 2.3 Nominated extinguishing media and/or equipment is identified, obtained and or accessed

3. Combat fires

- 3.1 Personal safety is maintained at all times in accordance with the organisation's procedures for responding to isolated and remote structure fire and occupational health and safety guidelines
- 3.2 **Hazards** are identified and reported to supervisors in accordance with the organisation's procedures
- 3.3 Firefighting strategies are implemented under the direction of the supervisor and in accordance with the organisation's procedures
- 3.4 Safe escape routes are identified and maintained at all times
- 3.5 **Access** to the fire is gained, protecting life and minimising damage to property and environment in accordance with the organisation's procedures
- 3.6 **Extinguishing media** and equipment are used in accordance with the manufacturers' specifications and the organisation's procedures
- 3.7 Communications with other team members and supervisor are maintained throughout the incident in accordance with the organisation's procedures

4. Observe and report changes in conditions at the fire

- 4.1 **Changing conditions at the fire** are observed and the effects on fire behaviour are noted and reported
- 4.2 Firefighting tactics are adapted to meet changing conditions and fire behaviour

ELEMENT	PERFORMANCE CRITERIA
5. Participate in ancillary operations	5.1 <i>Ancillary operations</i> to complement firefighting operations and prevent further damage to the structure are undertaken 5.2 Assistance is given to complete and record appropriate incident information
6. Conclude firefighting operations	6.1 Firefighting equipment is collected and stowed 6.2 The incident scene is made safe for the public 6.3 Defective or missing equipment is identified and reported

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required Skills

applying extinguishing media to the fire
obtaining water from reticulated/static water supplies
operating a fire extinguisher
operating a branch

Required Knowledge

causes and signs of structural collapse
behaviour of a building/structure in a fire
fireground signals (audible and visual)
organisational procedures
fire tetrahedron
methods of heat transfer
principles and methods of extinguishment
fire behaviour
portable fire extinguishers
extinguishing media
firefighting foams
hazards
procedures for working with ladders, ropes and lines and
tying knots
firefighting techniques and procedures
safe work practices

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 is demonstrated in:

- identification of signs of structural collapse
- application of firefighting techniques
- selection and use of appropriate protective clothing
- selection and use of firefighting equipment
- actions implemented at the incident to avoid the risk of injury

Consistency in performance

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

Context of and specific resources for assessment

Context of assessment

A combination of oral or written presentation, observation on the job and/or in a range of simulated environments

Specific resources for assessment

- access to a range of controlled or simulated fires
- firefighting equipment
- extinguishing media

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.

Types of fire must include	structure fires
Protective clothing must include	Turnout uniform and gloves structural fire tunic and over-trousers eye protection hearing protection and does not include Breathing Apparatus
Access methods into a site must include	forcible entry normal entry and does not include entry to a structure
Water supplies must include	static water supplies open water supply
and may also include	reticulated water systems
Equipment must include	hoses and hose fittings branches nozzles standpipes small gear and ancillary equipment rope lines forcible entry tools such as cutting tools, axes, bolt cutters fire extinguishers radios
and may also include	monitors and hydrants
Fire extinguishing media must include	water foam
and may also include	other fire extinguishing substances

RANGE STATEMENT**On-scene hazards must include**

smoke, darkness and heat
electricity
gas
structural collapse
machinery, equipment, products
hazardous products and materials

Changing conditions at the fire must include

weather conditions
flame colour and size
smoke colour
fire spread
signs of structural collapse

Ancillary activities may include assisting with

making-up equipment
securing the area
damming water run off

Environmental damage may include

air
soil
water
hazards to flora and fauna

Unit Sector(s)

Not applicable.

Corequisite Unit/s**Co-requisite Unit/s**

PUATEA001B Work in a team