



Australian Government

PUA60913 Advanced Diploma of Public Safety (Fire Investigation)

Release 2

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Modification History

Release	TP version	Comments
2	PUA12 V2.1	Editorial changes.
1	PUA12 V2	Primary release on TGA.

Description

Not applicable.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability Skills are part of a unit of competency.

Employability Skills statements from a selection of units of competency from the PUA60913 Advanced Diploma of Public Safety (Fire Investigation) have been reproduced in the table below.

This table provides an example of Employability Skills for the qualification because Employability Skills within a qualification will vary depending on the qualification packaging options.

Public Safety qualifications have core units (which must be achieved) and elective units (where there is a choice of units which must be achieved) so different Employability Skills Summaries are possible within the one qualification, depending on the package of core units and chosen elective units.

The Employability Skills within a qualification may vary depending on qualification packaging options.

These Employability Skills may be obtained by the completion of this qualification but in no way reflect skills that may apply to any particular position within a fire service.

Employability Skill	Employability Skills Statement
Communication	• communicate non-verbally and verbally, follow procedures and instructions, record information • complete fire investigation report in accordance with evidentiary, legal and agency requirements • conduct interviews and record information accurately and according to organisational requirements • document maintenance routines to comply with established maintenance schedules, where required • maintain contact at all times with other work group members • clearly relay warnings of hazardous situations to work group members using appropriate terminology and codes • report a fault or failure, verbally or in writing in accordance with documented procedures
Teamwork	• establish issues affecting safety of self and other personnel by identification of hazards and assessment of risks, and by liaison with others at the scene • implement hazard control and mitigation measures with minimum damage to the environment, while maintaining safety of self and others • liaise with technical specialists as required • maintain personal safety and safety of others
Problem solving	• identify hazards by scene assessment, visual inspections, hazard warnings, databases, interviewing others at scene, seeking expert advice • identify risks or hazards and take action to protect personnel in line with occupational health and safety guidelines

	• rectify, where possible, hazardous situations and report and/or record them according to organisation's policies and procedures • report equipment fault or failure and employ alternative equipment or methods • undertake risk analysis of fire scene and associated hazards
Initiative and enterprise	• give assistance to work group members in danger in accordance with standard operating procedures, ensuring personal safety is maintained • immediately report changes in situation and/or conditions to designated person
Planning and organising	• develop and apply a systematic approach to fire investigation • determine appropriate fire investigation strategies • monitor and communicate hazard controls to relevant personnel, to ensure continuing effectiveness • select and check personal protective clothing and equipment according to organisational procedures to ensure it is operational prior to entry into incident situation • store and handle equipment to maintain its security in accordance with manufacturer's recommendations • wear/fit and use personal protective clothing and equipment appropriate to dealing with the hazard in accordance with organisation's policies and procedures, and manufacturer's guidelines
Self-management	• apply occupational health and safety principles • implement hazard control and mitigation measures with minimum damage to the environment, while maintaining safety of self and others • maintain water and food intake, rest breaks and shelter requirements • select and use appropriate laboratory and field equipment • undertake duties in line with organisational health and safety codes of practice and relevant legislation
Learning	• learn about occupational health and safety legislation, laboratory safety and relevant Australian Standards • learn about the organisation's occupational health and safety policy, relevant standard operating procedures and survival techniques for various situations • learn how to label and store hazardous substances
Technology	• apply photographic gathering techniques • identify hazards by accessing databases • use communication equipment • use hazard control equipment • use life support equipment • use measuring equipment

Packaging Rules

15 units of competency are required for this qualification including:

- 12 core units
- 3 elective units

Choose 1 elective unit from Group A.

Choose the remaining 2 elective units from either the Group A or B list below, or elsewhere within this training package, or another endorsed training package, or accredited course.

All elective units selected from outside this qualification must be from an equivalent qualification level or higher.

Elective units selected must not duplicate content already covered by other units in this qualification.

Where a pre-requisite unit is attached to a unit it is identified by this symbol ⊥.

The pre-requisite units attached to any of the units must be undertaken and are additional to the number of units required for the qualification.

Code	Core units
PUAFIR605A	Determine origin and cause of mobile property fire ⊥ PUALAW001B Protect and preserve incident scene (Fire sector specific) ⊥ PUALAW002B Conduct initial investigation at incident scene (Fire sector specific)
PUAFIR606A	Apply principles of combustion and fire dynamics to fire scene investigation
PUAFIR607A	Apply electrical/electronic knowledge to fire investigations ⊥ PUAFIR605A Determine origin and cause of mobile property fire (Fire sector specific) ⊥ PUALAW001B Protect and preserve incident scene (Fire sector specific) ⊥ PUALAW002B Conduct initial investigation at incident scene (Fire sector specific) ⊥ PUAFIR609A Collect, record and coordinate the analysis of physical evidence (Fire sector specific) ⊥ PUALAW001B Protect and preserve incident scene (Fire sector specific) And either ⊥ PUAFIR603A Determine origin and cause of wildfire (Fire sector specific) ⊥ PUAFIR303B Suppress wildfire (Fire sector specific) ⊥ PUAFIR204B Respond to wildfire

	└ PUAFIR215 Prevent injury └ PUALAW001B Protect and preserve incident scene (Fire sector specific) └ PUALAW002B Conduct initial investigation at incident scene (Fire sector specific) - OR └ PUAFIR604A Determine origin and cause of structure fire (Fire sector specific) └ PUAFIR302C Suppress urban fire (Fire sector specific) └ HLTF311A Apply first aid └ PUAFIR203B Respond to urban fire └ PUAFIR207B Operate breathing apparatus open circuit └ PUAFIR215 Prevent injury └ PUALAW001B Protect and preserve incident scene (Fire sector specific) └ PUALAW002B Conduct initial investigation at incident scene (Fire sector specific)
PUAFIR608A	Investigate fatal fires └ PUAFIR605A Determine origin and cause of mobile property fire (Fire sector specific) └ PUALAW001B Protect and preserve incident scene (Fire sector specific) └ PUALAW002B Conduct initial investigation at incident scene (Fire sector specific) └ PUAFIR609A Collect, record and coordinate the analysis of physical evidence (Fire sector specific) └ PUALAW001B Protect and preserve incident scene And either └ PUAFIR603A Determine origin and cause of wildfire (Fire sector specific) └ PUAFIR303B Suppress wildfire (Fire sector specific) └ PUAFIR204B Respond to wildfire └ PUAFIR215 Prevent injury └ PUALAW001B Protect and preserve incident scene (Fire sector specific)

	└ PUALAW002B Conduct initial investigation at incident scene (Fire sector specific) - OR └ PUAFIR604A Determine origin and cause of structure fire (Fire sector specific) └ PUAFIR302C Suppress urban fire (Fire sector specific) └ HLTF311A Apply first aid └ PUAFIR203B Respond to urban fire └ PUAFIR207B Operate breathing apparatus open circuit └ PUAFIR215 Prevent injury └ PUALAW001B Protect and preserve incident scene (Fire sector specific) └ PUALAW002B Conduct initial investigation at incident scene (Fire sector specific)
PUAFIR609A	Collect, record and coordinate the analysis of physical evidence └ PUALAW001B Protect and preserve incident scene (Fire sector specific)
PUAFIR610A	Manage imaging and electronic data
PUALAW003B	Give evidence in a judicial or quasi-judicial setting
PUALAW004B	Represent the organisation in a judicial or quasi-judicial setting
PUAOHS002B	Maintain safety at an incident scene └ PUAFIR215 Prevent injury (Fire sector specific)
PUAPOLFC029A	Use and maintain specialist forensic equipment
CPPSEC3028A	Compile investigative report
PSPREG411A	Gather information through interviews
Code	Group A elective units
PUAFIR603A	Determine origin and cause of wildfire └ PUAFIR303B Suppress wildfire (Fire sector specific) └ PUAFIR204B Respond to wildfire └ PUAFIR215 Prevent injury └ PUALAW001B Protect and preserve incident scene (Fire sector

	specific) └ PUALAW002B Conduct initial investigation at incident scene (Fire sector specific)
PUAFIR604A	Determine origin and cause of structure fire └ PUAFIR302C Suppress urban fire (Fire sector specific) └ HLTFA311A Apply first aid └ PUAFIR203B Respond to urban fire └ PUAFIR207B Operate breathing apparatus open circuit └ PUAFIR215 Prevent injury └ PUALAW001B Protect and preserve incident scene (Fire sector specific) └ PUALAW002B Conduct initial investigation at incident scene (Fire sector specific)
Code	Group B elective units
PUACOM009B	Manage media requirements at major incident
PUAFIR611A	Process and analyse fire scene data and laboratory results └ PUAFIR609A Collect, record and coordinate the analysis of physical evidence (Fire sector specific) └ PUALAW001B Protect and preserve incident scene
PUAFIR612A	Undertake post-incident analysis └ CPPSEC3028A Compile investigative report └ PUAFIR605A Determine origin and cause of mobile property fire (Fire sector specific) └ PUALAW001B Protect and preserve incident scene (Fire sector specific) └ PUALAW002B Conduct initial investigation at incident scene (Fire sector specific) And either └ PUAFIR603A Determine origin and cause of wildfire (Fire sector specific) └ PUAFIR303B Suppress wildfire (Fire sector specific) └ PUAFIR204B Respond to wildfire └ PUAFIR215 Prevent injury

	└ PUALAW001B Protect and preserve incident scene (Fire sector specific) └ PUALAW002B Conduct initial investigation at incident scene (Fire sector specific) OR └ PUAFIR604A Determine origin and cause of structure fire (Fire sector specific) └ PUAFIR302C Suppress urban fire (Fire sector specific) └ HLTF311A Apply first aid └ PUAFIR203B Respond to urban fire └ PUAFIR207B Operate breathing apparatus open circuit └ PUAFIR215 Prevent injury └ PUALAW001B Protect and preserve incident scene (Fire sector specific) └ PUALAW002B Conduct initial investigation at incident scene (Fire sector specific)
PUAPOLFC005B	Prepare and submit forensic documentation
PUAPOLFC006B	Contribute to and comply with quality systems
PUAPOLFC014A	Conduct investigations at a bomb/explosion scene*

Custom Content Section

* This unit has been assigned not for public access (NFPA), which means that it is not publicly available - it is only available through request via that Australia New Zealand Policing Advisory Agency (ANZPAA) website (www.anzpaa.org) as is the case with other endorsed NFPA Police Sector units.