



Australian Government

PUAFIR612 Undertake post incident analysis

Release: 2

PUAFIR612 Undertake post incident analysis

Modification History

Release 2. This is the second release of this unit of competency in the PUA Public Safety Training Package.

- Update imported pre-requisite unit code.
- Update assessment conditions.

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 manage or participate in the analysis of an incident after the event. The analysis should review all prior, actual and post-aspects of an incident (structure, mobile and wildfire).

The unit focuses on developing and applying a systematic approach to a post-incident analysis across incidents. It is not intended to address post-incident analysis of operational activities. Application of this unit is relevant to fire investigators who conduct post-incident analysis of fire investigations.

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.

CPPINV3032 Develop factual investigation reports

PUAFIR605 Determine origin and cause of mobile property fire

One of the following:

PUAFIR603 Determine origin and cause of wildfire

PUAFIR604 Determine origin and cause of structure fire

Competency Field

Fire

Unit Sector

Fire

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Participate in post-incident analysis

2 Facilitate initial assessment of incident

3 Participate in investigation processes

PERFORMANCE CRITERIA

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

- 1.1 Roles and responsibilities of multi-organisational or agency and support personnel involved in post-incident analysis are determined and confirmed
- 1.2 Cooperation with multi-organisational or agency personnel in the conduct of post-incident analysis is in accordance with organisational procedures and is consistent with designated roles and responsibilities
- 1.3 Information for post-incident analysis from multi-organisational or agency personnel is identified and sought
- 1.4 Work health and safety (WHS)/occupational health and safety (OHS) procedures are followed
- 2.1 Integrity of incident site is established and maintained in accordance with organisational procedures and legal requirements to ensure objectivity of information collected
- 2.2 Statutory and legal obligations are identified and followed
- 2.3 Factors affecting the complexity of the investigation are determined and assessed
- 2.4 Stakeholders are notified in accordance with organisational procedures
- 3.1 Organisational policies and procedures for scene investigation are implemented
- 3.2 Scope of investigation is determined in accordance with organisational procedures
- 3.3 Stakeholder involvement is facilitated throughout

- investigation processes
- 3.4** Barriers impacting on post-incident analysis are identified and addressed in accordance with organisational procedures
 - 3.5** Action plans and timelines are developed and implemented
 - 3.6** Liaison with members of analysis team is undertaken in accordance with organisational procedures
- 4 Collect data for analysis**
- 4.1** Information and data, including historical, are identified and accessed
 - 4.2** Physical, visual and electronic data is collected for use in post-incident analysis
 - 4.3** Interviews are conducted in accordance with organisational procedures
 - 4.4** Information and data gathered by others is analysed
 - 4.5** Documented evidence is recorded in accordance with organisational procedures
- 5 Analyse collected data**
- 5.1** Method for analysis is identified and confirmed in accordance with organisational procedures
 - 5.2** Data is analysed in accordance with organisational procedures
 - 5.3** Timeline of events is constructed from analysis, where possible
 - 5.4** Conditions and circumstances contributing to the incident and resulting escalation are identified
 - 5.5** Relationship between human behaviour and incident is assessed
 - 5.6** Impact of the application of building codes is evaluated
 - 5.7** Likelihood of reoccurrence with high consequence is assessed and actioned for follow-up
- 6 Compile post-incident analysis report**
- 6.1** Results of analysis and recommendations are reported in accordance with organisational procedures
 - 6.2** Information and data are disseminated to key personnel

and stakeholders, as appropriate

- 6.3** Data dissemination processes are reviewed and evaluated in accordance with organisational procedures

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 PUA Public Safety Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to PUAFIR612A Undertake post incident analysis.

Links

Companion Volume Implementation Guides are found in VETNet -

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