



Australian Government

PUAFIR609 Collect, record and coordinate the analysis of physical evidence

Release: 1

PUAFIR609 Collect, record and coordinate the analysis of physical evidence

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 record and document physical evidence collected at a fire scene and to coordinate the analysis of physical evidence to meet organisational requirements.

The unit focuses on developing and applying a systematic approach to the recording and documenting of physical evidence collected at a fire scene and the coordination of the analysis. It is relevant to specialist fire investigators, it does not address the technical and forensic analysis of evidence.

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.

PUALAW001 Protect and preserve incident scene

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 Inspect scene and determine investigation plan

- 1.1** Authority to access and inspect fire scene is obtained or verified, through approved channels
- 1.2** Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements are implemented, in accordance with organisational procedures
- 1.3** Incident scene security is confirmed, in accordance with organisational requirements
- 1.4** Fire scene is inspected
- 1.5** Evidence is identified using appropriate observation techniques and technological methods
- 1.6** Evidence collection plan and recording processes are established, in accordance with organisational procedures and legislative requirements

2 Collect and record physical evidence

- 2.1** Items of physical evidence are recorded, in accordance with organisational procedures, prior to collection
- 2.2** Liaison with technical specialists and other organisations is initiated, in accordance with organisational procedures, regarding the appropriateness, collection, preservation, handling and transportation of evidential samples to be collected
- 2.3** Evidence is collected and/or preserved in situ, in accordance with organisational procedures
- 2.4** Quality and quantity of samples are collected to ensure accuracy and sufficiency of evidence
- 2.5** Evidence is labelled and documented, in accordance with organisational requirements to ensure continuity of evidence

3 Store, process and transport evidence

- 3.1** Physical evidence is packaged and stored, in accordance with organisational procedures, to maintain continuity and to prevent degradation, contamination and spoliation
- 3.2** Documentation is completed for handling or possession of evidence, in accordance with evidentiary

- requirements and organisational procedures
- 3.3** Details of evidence collected is entered in case notes, evidence and/or data management systems and, where appropriate, in the exhibits register
 - 3.4** Movement of exhibits for examination is undertaken, in accordance with organisational procedures to ensure continuity, security and integrity of evidence
 - 3.5** Verbal and written summaries or reports are made, in accordance with organisational procedures
- 4 Coordinate the analysis process**
- 4.1** An examination is undertaken of evidence prior to any damage or deterioration occurring and includes relevant stakeholders
 - 4.2** Sequencing of evidence for examination is followed, in accordance with organisational procedures
 - 4.3** Technical specialists are briefed regarding range of tests or examination of evidence to be undertaken
 - 4.4** Feedback and advice is obtained from technical specialists regarding range of tests or examination outcomes of evidence
 - 4.5** Results are interpreted in consultation with technical specialists, where required
 - 4.6** Data is documented, and a report is finalised, in accordance with organisational procedures
 - 4.7** Retention and/or disposal of evidence is completed, in accordance with organisational procedures and legal requirements

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 PUAFIR609A Collect, record and coordinate the analysis of physical evidence.

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>

Assessment Requirements for PUAFIR609 Collect, record and coordinate the analysis of physical evidence

Modification History

Release 1. This is the first release of this unit of competency in the PUA 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) organisational requirements
- collaborating with technical specialists
- collecting, recording and labelling physical evidence sufficient for analysis
- collecting, packaging and preserving physical evidence to ensure continuity of evidence
- collating quantity and quality of samples
- coordinating and conducting analysis processes
- disposing of evidence correctly
- evaluating scene and determining investigation plan
- maximising evidentiary value of physical evidence
- recording physical evidence
- storing, processing and transporting evidence
- utilising interviewing skills

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

- application and potential limitations of forensic investigative techniques field detection systems and resources including operation of photo ionisation detector and canines
- collection, records and continuity of physical evidence
- context in which forensic examinations are conducted
- documentation for recording and collecting physical evidence
- factors for consideration when packaging and storing physical evidence
- interpretation of test results
- quality and quantity of samples
- range of techniques for recording, collecting, packaging, labelling and preserving physical evidence
- roles and functions of forensic specialists in recording, collecting, preserving and ensuring

continuity of physical evidence

- organisational documentation, policies and procedures
- security, protection and preservation of physical evidence
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational 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.

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
 - evidence management, handling and packaging resources and quality and quantity of samples
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

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