



Australian Government

AVIO0030 Conduct screening using explosive trace detection equipment

Release: 1

AVIO0030 Conduct screening using explosive trace detection equipment

Modification History

Release 1. This is the first release of this unit of competency in the AVI Aviation Training Package.

Application

This unit involves the skills and knowledge required to conduct screening using explosive trace detection (ETD) in a transport security environment, in compliance with relevant regulatory requirements and workplace procedures.

It includes setting up, checking and operating ETD equipment; conducting ETD sampling processes and responding to results of sample; and recording ETD analysis information for evidential purposes.

This unit addresses transport security technical skill requirements (physical, mental and task-management abilities) related to transport security duties of aviation, maritime and air cargo security personnel, and contributes to safe and effective performance in operational transport security environments.

Operations are conducted across a variety of operational contexts within the Australian transport security environment.

Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Pre-requisite Unit

Not applicable.

Competency Field

O – Security

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

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|--|---|
| 1 Set up, check and operate ETD equipment | 1.1 Correct procedures for setting up ETD equipment in a transport workplace are followed in accordance with legislative requirements and workplace procedures |
| | 1.2 ETD equipment checks are performed and appropriate action is taken in accordance with legislative requirements and workplace procedures |
| | 1.3 ETD equipment calibration is performed at set up and during operations in accordance with legislative requirements and workplace procedures |
| | 1.4 ETD equipment is operated in accordance with legislative requirements, manufacturer instructions and workplace procedures |
| | 1.5 Work health and safety (WHS)/occupational health and safety (OHS) procedures are followed when setting up and operating ETD equipment in accordance with legislative requirements and workplace procedures |
| 2 Conduct ETD sampling processes and respond to results | 2.1 Persons or articles are selected and screened using ETD equipment, in accordance with legislative requirements and workplace procedures |
| | 2.2 Sample is tested using ETD equipment in accordance with legislative requirements, manufacturer instructions and workplace procedures |
| | 2.3 Positive and negative results are recognised and appropriate action taken in accordance with legislative requirements and workplace procedures |
| 3 Record ETD analysis information for evidential purposes | 3.1 Equipment checks and calibration results are recorded and reported in accordance with legislative requirements and workplace procedures |
| | 3.2 Records of sampling processes, positive and negative results and consequent actions are completed in accordance with legislative requirements and workplace 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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to AVIO0005 Conduct screening using explosive trace detection.

Links

Companion Volume Implementation Guides are found in VETNet' -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>

Assessment Requirements for AVIO0030 Conduct screening using explosive trace detection equipment

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least one occasion and include:

- clarifying and applying, legislation and workplace procedures relevant to using ETD equipment
- communicating effectively with others using a range of means including verbal, non-verbal, written and digital
- completing relevant documentation
- identifying, selecting, using and routinely checking ETD equipment, processes and procedures
- modifying activities in response to workplace contingencies, risk situations and environments
- preparing persons or articles for ETD sampling
- taking appropriate action in response to security incidents identified using ETD equipment
- working collaboratively with others when using ETD equipment.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- contingency procedures for positive results when carrying out screening using ETD equipment
- ETD equipment, alarms and systems
- legislative requirements and workplace procedures for carrying out checks and calibrations of ETD equipment
- methods, techniques and equipment involved when using ETD equipment to screen passengers and/or articles in a transport security environment in accordance with relevant legislation and workplace procedures
- prohibited items and weapons as outlined in legislation
- reporting requirements for security incidents relevant to ETD alarms generated by ETD equipment
- roles and responsibilities of law enforcement officers and/or other government officers within

- a transport security workplace
- transport security restricted areas.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

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.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and PPE currently used in industry.

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