



Australian Government

AVIO2005 Conduct screening using explosive trace detection

Release: 1

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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) at a security controlled airport with screened air services, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

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

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

Operations are conducted as part of recreational, commercial and military aircraft activities across a variety of operational contexts within the Australian aviation industry.

Work is performed independently or under limited supervision as a single operator or within a team environment.

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

Use for Defence Aviation is to be in accordance with relevant Defence Orders, Instructions, Publications and Regulations.

Pre-requisite Unit

Not applicable.

Competency Field

O – Security

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

1 Set up, check and operate ETD equipment

- 1.1 Correct procedures for setting up ETD equipment in an aviation workplace are followed
- 1.2 Required ETD equipment checks are carried out and appropriate action is taken in accordance with workplace procedures
- 1.3 ETD equipment calibration is performed at set up and during operations in accordance with workplace procedures
- 1.4 ETD equipment is operated in accordance with workplace procedures
- 1.5 Work health and safety (WHS)/occupational health and safety (OHS) procedures are followed when setting up and operating ETD equipment

2 Conduct ETD sampling process

- 2.1 Selected persons or articles are screened using an ETD wand, in accordance with legislative requirements and workplace procedures
- 2.2 Sample is tested using ETD equipment in accordance with legislative requirements and workplace procedures

3 Respond to results of sample

- 3.1 Positive and negative results are recognised in accordance with workplace procedures
- 3.2 Action is taken in response to a positive result in accordance with legislative requirements and workplace procedures

4 Record ETD analysis information for evidential purposes

- 4.1 Equipment checks and calibration results are recorded and reported in accordance with workplace procedures
- 4.2 Calibrations and alarms are saved in accordance with workplace procedures
- 4.3 Records of sampling processes, positive and negative results and consequent actions are completed in accordance with 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.

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| Legislative requirements must include: | <ul style="list-style-type: none">• current Aviation Transport Security Act (and amendments)• notices made under the current Aviation Transport Security Act• organisation's approved transport security program• other amendments to the Act relating to security screening at an airport |
| Workplace procedures must include: | <ul style="list-style-type: none">• applicable legislative requirements and aviation screening notices• access and equity policies, principles and practices• client service standards• code of conduct or ethics• communication and reporting procedures• complaint and dispute resolution procedures• emergency and evacuation procedures• employer and employee rights and responsibilities• equipment use and maintenance• WHS/OHS policies and procedures• own role, responsibility and authority• privacy and confidentiality• standard operating procedures for screening |
| Articles must include one or more of the following: | <ul style="list-style-type: none">• bags• cabin baggage• checked baggage• display/promotional items• goods• hold baggage• packages• personal effects• tools of trade• vehicles/machinery• work equipment |

Unit Mapping Information

This unit replaces and is equivalent to AVIO2005B Conduct screening using explosive trace detection (ETD).

Links

AVI Aviation Training Package Companion Volume Implementation Guide at: -
http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=21