



Australian Government

AVIO0027 Apply electronic metal detection

Release: 1

AVIO0027 Apply electronic metal detection

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 screen people and cargo using electronic metal detection equipment and procedures in a security screening environment.

It includes identifying legislative and organisational requirements, conducting metal detection procedures and identifying and reporting security risks. It also includes preparing and operating electronic metal detection equipment; performing appropriate screening methods; and being aware of a range of potential security risks.

This unit addresses technical skill requirements (physical, mental and task-management abilities) related to security duties of screening officers and contributes to safe and effective performance in complex transport security operational 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

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

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|---|---|
| 1 Identify legislative and organisational requirements | <ul style="list-style-type: none">1.1 Basic legislative and organisational requirements relevant to the use of electronic metal detectors are identified and explained1.2 Workplace procedures are identified and explained1.3 Duty of care requirements are identified and explained1.4 Own level of authority, role and responsibilities are identified and explained1.5 Role of designated personnel for security response is identified and explained1.6 Work Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements are identified and explained |
| 2 Conduct electronic metal detection procedures | <ul style="list-style-type: none">2.1 Preparation and testing procedures for electronic metal detection equipment are identified and explained2.2 Standard operating procedures for electronic metal detection equipment are identified and utilised2.3 Screening methods and procedures are identified and explained2.4 Special screening requirements and appropriate screening methods are identified and explained2.5 Positive alarm response procedures are identified, and action taken in accordance with legislative requirements and workplace procedures |
| 3 Identify security risks | <ul style="list-style-type: none">3.1 Potential security risks relevant to security screening operations are identified and explained3.2 General procedures for monitoring security of a screening environment are identified and explained3.3 Factors which increase security risk are identified and action is taken in accordance with legislative requirements and workplace procedures3.4 Types and purpose of security equipment are identified and explained3.5 Emergency and evacuation procedures are identified and explained |

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|---|------------|---|
| | 3.6 | Procedures for first aid response are identified and explained |
| 4 Identify and report security risks | 4.1 | Organisational procedures for reporting security risks in a security screening environment are identified and action is taken in accordance with workplace procedures |
| | 4.2 | Chain of command of designated personnel is identified and explained |
| | 4.3 | Organisational documentation requirements are identified and utilised 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.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to AVIO0003 Apply electronic metal 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 AVIO0027 Apply electronic metal detection

Modification History

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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:

- accurately describing in verbal, written and digital format security risks and incidents
- conducting general procedures for monitoring security in a security screening environment
- conducting response procedures for the detection of prohibited items
- following security legislative requirements applicable to the security screening environment
- interpreting selected pictorial, graphical and written signage and instructions using electronic metal detection equipment
- preparing, testing and using electronic metal detectors
- relaying information to others
- reporting identified security risks or incidents in a security screening environment.

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:

- applicable commonwealth, state or territory legislation relevant to own work environment and role
- applicable Work Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements
- chain of command and communication channels
- communication modes and security equipment and systems relevant to own work environment
- communication, interpersonal and literacy skills to ask effective questions and clarify security procedures
- customer service principles and standards
- duty of care requirements of self and others
- general methods for observing incidents and monitoring risks within a security screening environment
- general methods for observing potential security risks or suspicious behaviour

- methods, techniques and equipment involved when screening people and cargo using an electronic metal detector including special requirements
- organisational policy on security equipment operation, systems and procedures
- organisational procedures for responding to positive alarms
- own responsibilities to comply with safe working practices
- procedures for emergency, evacuation and first aid response
- procedures for reporting identified security risks or suspicious behaviour
- procedures for reporting the detection of prohibited items
- role of designated personnel for security response
- the range of potential security risks or incidents relevant to a security screening environment.

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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