



Australian Government

AVIO0003 Apply electronic metal 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 screen articles and cargo using electronic metal detection equipment procedures in a security screening environment.

It includes knowledge and understanding of: procedures to prepare and operate electronic metal detection equipment; appropriate screening methods; the range of potential security risks; and appropriate response procedures.

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 as part of transport security across a variety of operational aviation, maritime and air cargo contexts within the Australian 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.

Pre-requisite Unit

Not applicable.

Competency Field

O – Security

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.	demonstrate achievement of the element.
1 Identify legislative and organisational requirements	1.1 Basic legislative and organisational requirements relevant to the use of electronic metal detectors are identified and explained
	1.2 Organisational security procedures are identified and explained
	1.3 Duty of care requirements are identified and explained
	1.4 Own level of authority, role and responsibilities are identified and explained
	1.5 Role of designated personnel for security response is identified and explained
	1.6 Work Health and Safety (WHS)/Occupational Health and Safety (OHS)/Occupational Safety and Health (OSH) requirements are identified and explained
2 Conduct electronic metal detection procedures	2.1 Preparation and testing procedures for electronic metal detection equipment are identified and explained
	2.2 Standard operating procedures for electronic metal detection equipment are identified and utilised
	2.3 Screening methods and procedures are identified and explained
	2.4 Special screening requirements and appropriate screening methods are identified and explained
	2.5 Positive alarm response procedures are identified, and action taken as per operational procedures
3 Identify security risks	3.1 Potential security risks relevant to security screening operations are identified and explained
	3.2 General procedures for monitoring security of a screening environment are identified and explained
	3.3 Factors which increase security risk are identified and action is taken in accordance with workplace procedures
	3.4 Types and purpose of security equipment are identified and explained
	3.5 Emergency and evacuation procedures are identified and explained

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| 4 Identify and report Security risks | 3.6 Procedures for first aid response are identified and explained |
| | 4.1 Organisational procedures for reporting security risks in a security screening environment are identified and action is taken in accordance with operational procedures |
| | 4.2 Chain of command of designated personnel is identified and explained |
| | 4.3 Communication channels and modes are identified and utilised in accordance with operational procedures |
| | 4.4 Communication equipment appropriate to the purpose is identified and explained |
| | 4.5 Organisational documentation requirements are identified and utilised in accordance with operational 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.

Unit Mapping Information

This is a new unit.

Links

Companion Volume Implementation Guides are found in VETNet -

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