



Australian Government

CPPSEC3127 Conduct security screening using x-ray equipment

Release: 1

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Modification History

Release 1.

Supersedes and is equivalent to CPPSEC1006A Apply x-ray image interpretation procedures.

Updated to meet the Standards for Training Packages.

This version first released with CPP Property Services Training Package Version 7.0.

Application

This unit specifies the skills and knowledge required to conduct security screening of items using x-ray equipment. X-ray equipment includes single or multi-view equipment which may have threat-image projection system capability that can differentiate between organic and inorganic material.

It includes:

- setting up, testing and operating x-ray equipment and managing the position and flow of items through the screening point
- interpreting x-ray images to clarify the meaning of colours, shapes and sizes and using image enhancement functions to detect the presence of prohibited items such as weapons, explosives or dangerous goods
- maintaining situational awareness to monitor and maintain security and respond quickly to detect and report security risks.

It applies to people working independently or under limited supervision as members of a security team.

This unit may form part of the licensing requirements for people engaged in security operations in those states and territories where these are regulated activities.

Pre-requisite Unit

Nil

Unit Sector

Security operations

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe what needs to be done to demonstrate achievement of the element.
1. Prepare for screening using	1.1 Review workplace procedures and policies to ensure compliance with legal rights and responsibilities when screening

x-ray equipment.	items using x-ray equipment. 1.2 Set up and test x-ray screening equipment following manufacturers' instructions, and rectify or report problems to relevant persons.
2. Operate x-ray equipment and screen items.	2.1 Identify hazards and risks in the work area and implement necessary controls to maintain safety of people and property. 2.2 Operate x-ray screening equipment following manufacturers' instructions. 2.3 Manage position and flow of items through screening point for optimal image interpretation.
3. Interpret x-ray images.	3.1 Review x-ray images and verify meaning of colours, shapes and sizes of items being screened. 3.2 Manipulate images using enhancement functions to clarify item components, and seek assistance in situations where image features cannot be clarified.
4. Detect and report prohibited items.	4.1 Detect actual or suspected prohibited items on x-ray image and check image features to confirm findings. 4.2 Use security equipment to immediately report the presence or suspected presence of prohibited items to relevant persons. 4.3 Monitor persons and items in the screening area to maintain situational awareness and promptly respond to potential security risks.

Foundation Skills

This section describes the language, literacy, numeracy and employment skills essential to performance in this unit but not explicit in the performance criteria:

- language skills to use security industry approved communication terminology, codes and signals
- reading skills to interpret:
 - procedures and policies that clarify legal rights and responsibilities
 - manufacturers' instructions and equipment labels when setting up, testing and operating x-ray equipment
 - coloured, pictorial, graphical and written information and instructions
- speaking and listening skills to:
 - give clear, sequenced instructions when managing position and flow of items
 - use a radio or phone to report and describe detected prohibited items
 - use questions to receive instructions when seeking assistance

- numeracy skills to interpret and calculate numerical information when calibrating x-ray equipment and interpreting images
- problem solving skills to:
 - identify equipment faults and malfunctions
 - recognise suspicious items and behaviours.

Unit Mapping Information

Supersedes and is equivalent to CPPSEC1006A Apply x-ray image interpretation procedures.

Links

Companion volumes to this training package are available at the VETNet website -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>