

SFJ FG6 – SQA Unit Code F2AV 04

Maintain security using screening equipment



Overview

This unit is about screening individuals and items including personal baggage, clothing and other containers using electronic, x-ray and other forms of scanning equipment. You will need to ensure that the equipment is set up and operating correctly, follow all the correct procedures for screening individuals and items and respond correctly when unauthorised items are discovered. These may include firearms, explosives, drugs, knives and other items considered a risk and/or a threat.

There are two elements

- 1 Screen individuals using electronic equipment
- 2 Screen items using scanning equipment

Target Group

This unit applies to operational staff who maintain security using electronic and x-ray equipment.

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Performance criteria

Screen individuals using electronic equipment

- You must be able to:*
- P1 check the electronic screening equipment and make sure it is calibrated and operating correctly
 - P2 ensure that all those people requiring screening, and whom it is safe to screen, pass through the screening equipment in the correct manner
 - P3 identify individuals who should not be screened and ensure they are checked by other means
 - P4 respond correctly to signals from the screening equipment and carry out searches of the people concerned thoroughly and efficiently and in accordance with organisational procedures
 - P5 deal with unauthorised items, and the people carrying them, following your organisation's procedures
 - P6 identify any equipment faults, report these and maintain security using alternative means
 - P7 complete all records correctly in accordance with organisational procedures

Screen items using scanning equipment

- You must be able to:*
- P8 check the scanning equipment and make sure it is set up and operating correctly
 - P9 ensure that all those items requiring screening, and which are safe to screen, pass through the scanning equipment as directed
 - P10 identify items that should not be screened and make sure these are checked by other means
 - P11 ensure that the items are loaded and positioned correctly
 - P12 maintain vigilance throughout the screening process
 - P13 use image processing controls correctly
 - P14 identify suspicious items and take the correct action to investigate these further
 - P15 maintain the health and safety of yourself and others throughout the screening process
 - P16 identify any scanning equipment faults, report these and maintain security using alternative means
 - P17 complete all records correctly in accordance with organisational procedures

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Knowledge and understanding

You need to know and understand:

- K1 relevant legislation and organisational policies and procedures covering the use of electronic screening equipment
- K2 relevant legislation and organisational policies and procedures covering the use of x-ray screening equipment
- K3 the records and reports that need to be made when carrying out electronic and x-ray screening
- K4 the main hazards and risks associated with electronic and x-ray screening equipment
- K5 how to manage the risks associated with electronic and x-ray screening equipment
- K6 the capabilities and limitations of electronic and x-ray screening equipment
- K7 how to check to ensure that screening equipment is working correctly
- K8 the types of faults that may occur with screening equipment, how to identify these and deal with them correctly
- K9 who should and should not be checked using screening equipment
- K10 the procedures to be followed when screening cannot be used
- K11 systems indicators that suspicious items may be present and how they work
- K12 the procedures to follow when the equipment indicates that the individual may be in possession of unauthorised items
- K13 the procedures for ensuring people pass through electronic portals correctly
- K14 the techniques that people may use to prevent electronic screening equipment detecting unauthorised items
- K15 how to recognise suspicious behaviour during the screening process
- K16 procedures to use when an individual refuses to co-operate
- K17 cultural and religious issues that may influence cooperation and how to deal with these
- K18 alternative methods to maintain security when there is a fault with screening equipment
- K19 the types of items that can and should not be screened using x-ray equipment
- K20 how to load and position items correctly for x-ray screening and why this is important
- K21 how to analyse x-ray images and identify images that may indicate an unauthorised item is present
- K22 how to use the image processing controls on the equipment you are using
- K23 colour identification of images on the equipment you are using
- K24 the procedures to follow when you suspect an unauthorised item is

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present
K25 the procedures for isolating x-ray equipment in an emergency

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