



Course Title

Screening using Hand Held Metal Detector

Course Duration

- 2-day in-class / on-site or
- 6 hours online virtual classes + 6 hours offline over 2 days

Course Aim

The course is designed to provide participants with general and technical skills to perform security screening functions using Hand Held Metal Detectors to carry out physical inspection of both passengers and non-passengers with a view to detect and identify weapons, explosives and prohibited items and apply the correct response procedure.

Target Population

- Airport security personnel
- Ground personnel involved in Aviation Security
- Aviation Security Supervisors & Officers

Course Objectives

Upon completion of this course, participants will be able to:

- Know the different organisations that are mandated to conduct body search.
- Describe the different levels involved when conducting body search.
- Identify and describe passengers and non-passengers screening points locations.
- Know key elements of an effective search of passengers and non-passengers.
- Know the weakness areas and methods of concealment.
- Describe procedures upon discovery of restricted articles on passengers and non-passengers.
- Familiarise with procedures for screening and searching of passengers and non-passengers according to local Standard Operating Procedures.

Course Contents

Module 1

- Course Introduction

Module 2

- Aviation incident & accident
- Insider threat
- Aviation security
- Primary objective of AVSEC
- AVSEC structure



- Layers of security

Module 3

- Authority to search
- Levels of search
- Passengers & non-passengers screening locations
- Passenger search area
- Techniques and methods of search
- Purpose of the walk through metal detector
- Limitations of the walk through metal detector
- Calibration & testing walk through metal detectors
- Purpose of using hand held metal detector
- Testing hand held metal detectors
- Demonstration on use of hand held metal detector
- Limitations of hand held metal detectors
- Reasoned & random selection
- Key points for searching of people
- People with special needs
- Special category of passengers
- Customer service
- Review of restricted & dangerous articles
- Weakness areas
- Methods of concealment

Module 4

- Dealing with restricted articles
- Discovery of weapon or explosive device

Module 5

- Sanitary protocols for physical inspection of persons and carry on items