

Baggage Scanning & Image Interpretation Course

International Institute of Security and Safety Management

E1 - East of Kailash, Near Lady Shri Ram College, New Delhi - 110065



Introduction:

X-Ray Machines for Baggage scanning are a common site at the Govt. offices, Places of repute, Bus Stands, Railway Stations, Hotels, Hospitals and some Corporate Houses besides all the Airports & Shipyards. It is pertinent to mention here that the X-Ray images are entirely different to what we see through naked eye unless the Scanner (the X-Ray machine operator internationally known as) is trained to read or interpret the X-Ray images. In other words the X-Ray Machine is as good as not being there in the absence of a Trained Screener.

Since the Baggage Scanning Machines being used in our Country provide only two dimensional images (not three dimensional) of objects being scanned (due to one sided X-Ray beaming), the Image Interpretation needs much greater expertise to identify the objects of concern. The present day scanners are not at all well trained in interpretation techniques and are only sitting to give a false impression of viewing the objects professionally. It is essential that all Scanners and their Supervisors must be made to undergo professional training for better and effective Interpretation of Images on simulators to achieve higher standards of Security & Safety. Course content design bears accurate identification of Explosives and IEDs, Weapons in disguise, Identification of Prohibited Articles, Dangers associated with impenetrable Items, identification of Stripped Components of a Weapon and so on.

Objective:

The IISSM has structured a unique, holistic and experiential three days Orientation Program on "Baggage Scanning & Image Interpretation" for Security Practitioners which is a Computer Based Training (CBT). This

indigenous cost-effective Computer based simulator training for the X-BIS (X-Ray Baggage Inspection System) is structured keeping in mind the emerging requirements of Industrial Safety.

Who all should attend:

The course is most suitable for Security Officers/ Senior Security Supervisors of Banks, Hospitals, Hotels, Surface Transport Industry, Port Control Agencies, Mining/ Oil and Natural Resource Agencies and all others related to Security & Safety Management.

Course Director:

Lt Col (R) Alok Akhauri **FP & FF (DIFR), CSP, CDM&BCP, CFMS** has held various appointments in the field of Info Tech, Logistic Ops & Supply Chain Mgt for nearly 27 years while serving in the Army. Qualified in Basic ADP Course, Col Akhauri has done P G Diploma in Computer Application (PGDCA) besides other courses such as Fire Safety Management Course from the DIFR Delhi and Industrial Security & Safety Mgt from the DGR. He has been an Instructor at AOC Training Centre for 3 years and has rich experience in Physical Security, Access Control Mgt and other related areas.

Course contents:

This training programme mainly comprise of two variations, Class Room Model & On Line Self Learning Model. It is a CAT 'Computer Assisted Training) with the help of a Simulator. This being a one Day Orientation Programme, the following useful topics will be covered.

- Relevance of access control in context of X-BIS
- Overview of X-Ray machine & its functions

- Major components of a basic X-ray machine.
- Introduction to Control Panel & its various Controls.
- Safety features built in the machine.
- Safety precautions to be followed by X-ray machine operator.
- Placement of items on the Conveyor Belt.
- Basics of Interpretation using density, chemical composition and colour coding.
- How to identify the dangerous items as well as dangerous items in disguise from X-Ray image.
- Identification of Hazardous / Prohibited items.
- Baggage categorization based on X-ray interpretation.
- IED, its components and the technique to identify them.
- Familiarization of daily use items with Actual Photographs and their respective X- Ray images.

Course Fee :

- Registration Fee is Rs. 22500/- **(Rupees Twenty Two Thousand Five Hundred only)** plus 15% service tax is applicable.
- Contact Lt. Gen. (Retd.) Prem Sagar on 9899078687 / Ms. Jasmine Kaur on 9650397152 for registration.
- Discount options: (only one option of discount is applicable)
- For registered IISSM Members:
 - Patron : 30% Corporate : 25%
 - Senior Active : 20% Associate : 20%
 - Affiliate : 15%
- Non IISSM Members group (3 & above) : 15%
- Payment to the IISSM should be in the form of demand draft or cheque in favour of International Institute of Security and Safety Management, payable at New Delhi.