

Pre-Selection Assessment: X-Ray Operators

Together with the tremendous growth of civil aviation in the last decades, the importance of aviation security has dramatically increased.

The most expensive and advanced technology is of little value if the people who operate it are not selected and trained appropriately. Human factors are still the essential key element in aviation security and despite substantial progress in X-Ray imaging, the final decision whether luggage is allowed to enter an aircraft is always made by a human operator. But EU audits and covert tests have sometimes shown serious operational deficiencies at the checkpoints.



X-PSA X-Ray Pre-Selection Assessment

Complete confidence in your X-Ray operating staff

Chapter 11 of EU regulation 2015/1998 addresses staff recruitment and training, and mandates requirements that directly impact on the recruitment, training and subsequent recurrent training of X-Ray screeners.

Developed for organisations assessing and recruiting X-Ray machine operators, our online X-PSA course enables you to identify the most suitable and capable students by providing them with a basic understanding.

Our Pre Selection Assessment (X-PSA) course helps you determine the aptitude of prospective X-Ray machine operators and screeners, testing for colour-blindness, image recognition skills and general threat image identification proficiency.

Reducing costs

By utilising the online availability of our X-PSA course, you can organise assessment and training around your staff's spare time. And as our X-PSA online courses are available 24 hours a day, 7 days a week, scheduling training for everyone at the same time is no longer a headache - each individual member of your team can undertake training whenever and wherever is most convenient. To protect the fidelity of this course, it is only available to training departments of corporate organisations, not individuals.

Partnering with the experts

Without proper training, the most expensive technology is of little value.

Our X-Ray Pre-Selection assessment course helps employers determine the aptitude and suitability of prospective X-Ray machine operators and screeners. It tests employees' ability to identify those who present a threat; testing for colour-blindness, image recognition skills and general threat image identification proficiency.

Our online X-PSA course provides an understanding of:

- How X-Ray equipment works and the safety precautions that should be adhered to
- The functionality of the X-Ray machine
- Operator Control Panel and how to test the X-Ray machine in order to identify malfunctions
- The common steps of the X-Ray screening process, the various techniques for image interpretation and the response to multiple outcomes
- The TIP (Threat Image Projection) system

X-PSA course overview

Lesson 1 – Threat Identification - IED & IID's

How to identify different types of IED and IID's and recognising Improvised Explosive Devices and their components

Lesson 2 – Threat Identification - Firearms

How to identify different types of firearms and their components

Lesson 3 – Threat Identification - Sharps

How to identify different types of knives and any other objects that are classed as prohibited items

Lesson 4 – Using X-Ray Equipment

How X-Ray equipment works, functionality of the Operator Control Panel & common steps of the X-Ray screening process including TIP

Lesson 5 – Image Recognition

Exposure to X-Ray images of threat and prohibited items and how they correlate with the actual item and those items around them.

The Learning Academy

At Quadratica UK we are continually looking for ways to provide our customers with the best functionality, in the most economic format. Training can be expensive, and the quality of instruction can vary from trainer to trainer. Our online training courses deliver high quality training, every time.

Scheduling training for a large work force no longer requires the cost of training rooms, or taking staff off the floor. Our courses are available 24 hours a day, 7 days a week, so training can be scheduled around staff availability and convenience.

To keep our clients' training overheads down, we have priced our courses by the unit – if only 2 people require training, our clients only pay for 2 units, whereas a certified instructor will often charge the same amount whether they are training 2 or 20 people.

We provide training managers with the best possible tools to educate their security staff by continually developing ground breaking technologies. Our products are designed with a strong focus on our customers' ever evolving needs and the shifting landscapes of the security industry.