

Radiation Protection Adviser (RPA) Services for X-ray Security Scanners

X-ray security scanners, typically cabinets or conveyors, are widely used across a variety of industries, particularly in high security environments. These scanners use ionising radiation to image packages and identify concealed or prohibited items.



The use of X-ray security equipment is common in sectors where the detection of dangerous or restricted items is critical to operations. These systems are typically used for screening baggage, parcels, and other items. For example in:

- Aviation and transport hubs – baggage and cargo screening
- Government and public buildings – security checkpoint screening
- Logistics and distribution centres – parcel and freight inspection

All X-ray systems, including security cabinets and conveyors, produce ionising radiation and must be operated with appropriate controls in place to ensure the safety of operators and individuals working nearby.

Employers' Responsibilities

The use of X-ray generators places employers under the remit of the UK Ionising Radiations Regulations 2017 (IRR17), enforced by the UK Health & Safety Executive (HSE). These regulations apply to any employer carrying out work involving ionising radiation.

Employers are required to fulfil their legal obligations under IRR17 and must appoint and consult a qualified Radiation Protection Adviser (RPA) who can support with regulatory compliance.

Failure to comply with the requirements of IRR17 can lead to enforcement action by the HSE, as well as posing a risk to operators and other workers.

Amentum can support you in meeting these obligations and implementing effective, practical radiation protection arrangements.

Our Services

Amentum has a Corporate RPA Body [accredited by the HSE](#) and able to offer expert radiation protection advice to UK organisations. Amentum will help you fulfil your legal responsibility to provide a safe workplace for your employees.

We have a range of services available, these include:

- Annual RPA appointment, with advice available on a call-off basis
- Preparation of local rules and radiation risk assessments
- Provision of Radiation Awareness and Radiation Protection Supervisor training
- Annual radiation safety audit, including a report and recommendations for improvements
- Advice on radiation monitoring instruments, their use and establishing a suitable radiation monitoring programme
- Advice on designation of areas and appropriate signage

- Personal dosimetry advice (alongside our [Approved Dosimetry Service](#))
- Development of contingency plans and support for rehearsal exercises

Our Experience

At Amentum, we have a team of specialists with extensive experience of delivering RPA services to a wide variety of clients across all industry sectors.

We have proven experience supporting clients in establishing and maintaining safe and compliant radiation protection practices, ensuring radiation exposures are kept as low as reasonably practicable (ALARP). Services we have provided to clients include:

- Support for HSE Consent Safety Assessment applications
- Critical examination of X-ray systems
- Provision of document templates and advice on establishing and maintaining a robust radiation management system
- Toolbox talk slide packs

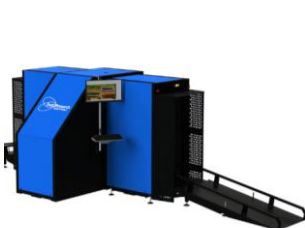
We are committed to delivering high-quality support to every client. All our RPA service agreements are tailored to meet the specific business needs of our clients. This enables us to consistently deliver reliable, bespoke solutions to our customers.

Contact

To discuss your RPA requirements in confidence or for more information on the applicability to your business or premises, please contact:

Jen Barnes
 Radiation Protection Adviser
 e: jen.barnes@global.amentum.com
 e: RadProtect@global.amentum.com
 t: +44 (0)1925 974940

The Amentum UK RPA team is only accredited to provide advice under UK Regulations.



Source: www.toddresearch.co.uk



Source: www.astrophysicsinc.com