

Outcome

To be an authorised operator for X-ray devices.

Audience

People who operate or work around X-ray devices on an irregular to regular basis.

An X-ray device generates ionising radiation via an electrical circuit. The X-ray device can be used for measurement or analysis of materials. Some examples of these devices are in use for baggage inspection used at airports and mineral sands analysis used mining.

The industries from which people attend are varied from emergency services, regulators, universities, hospitals, mines, paper mills, research institutions, radiation instrument detection manufacturers, factories, oil & petroleum, construction, Non Destructive Testing and defence.

Course Content

- Scientific background
- Biological effects of radiation and radiation in the natural environment
- Basic radiation protection
- External Radiation Protection including Time and Distance Workshop
- X-ray devices
- Legislation & Workshop including review of the Code of Practice relevant to X-ray devices in use by course participants - including RHS 9, RHS 21, RHS 22.
- Understanding Radiation detection devices including Practical: Performing a Dose Rate Survey
- Emergency planning and practice

Duration

1 day, 8:30am – 5:00pm

Cost

\$550 + GST



For more information or a quote please contact Radiation Safety Training:

Radiation Safety Educator

Ph: +61 2 9717 3560

Radiation Safety Co-ordinator

Ph: +61 2 9717 9434

Email: radsafetytraining@ansto.gov.au