

ENCLOSED X-RAY EQUIPMENT FOR SPECIAL APPLICATIONS COURSE SYLLABUS

Overview

This course is aimed at personnel who are supervising the use of Enclosed X-ray Equipment for Special Applications (Diamond Sorting & Ore Sorting), on behalf of their organisation.

This course provides course participants with the skill and knowledge requirements for the radiation management of Enclosed X-ray Equipment, including aspects such as auditing and compliance, radiation monitoring, legislative compliance, and incident response.



About this Course

It is a requirement under the Radiation Safety Act 1975 that the use of Enclosed X-ray Equipment (Diamond and Ore Sorting) is performed under the supervision of a competent and licensed person. This course is aligned with the NHMRC (ARPANSA) RHS22 Statement on Enclosed X-ray Equipment for Special Applications (1987).



A moderate level of mathematical understanding is required to successfully complete this course.

Course Details

Location:	West Leederville, WA
Duration:	One Day
Times:	8:00 am – 16:30 pm (approx.)
Cost:	\$890 + GST

Course Variations

Custom presentation and training packages are available to meet your organisation's needs, with training that can be delivered on-site on a date that suits you. For custom course development and delivery, please get in touch with our training team at +61 (08) 6117 4095 or training@radsol.com.au.

Course Structure

- An Introduction to Radiation
- Radiation in Perspective
- Radiation Dose, Measurement & Protection Principles
- Regulatory Considerations
- X-ray Analysis Introduction & Equipment
- Enclosed X-ray Equipment (Special Applications)
- Safety Aspects of XRA
- Basic Calculations (Exposure, Time, Distance & Inverse Square Law)
- Procedures: Radiation Management Systems; Security; Emergency Response
- Assessment

Assessment

There are multiple practical exercises and activities throughout the course, and theoretical understanding is assessed against Radiological Council requirements.

Certification

A Statement of Attainment is issued upon successful completion of this course.

This course is recognised as a pre-requisite for licensing in all Australian States & Territories.

Why work with Radsol?

We have proven know-how and reliability, with a reputation for prompt and professional service throughout Australia.

Our consultants are highly skilled with extensive experience working in regulatory and industrial radiation management capacities; they are commended for their ability to talk about radiation safety in simple terms and to put the risks into a real-world perspective.

We're here to help no matter what you require in the field of radiation management and can deliver a timely and customised solution to suit your needs.

