

## X-RAY ANALYSIS (RSO) COURSE SYLLABUS

### Overview

This course is aimed at personnel who are supervising the use of X-ray Analysis (XRA) equipment on behalf of their organisation.

It does not permit the repair or maintenance of equipment or allow personnel to perform alignment procedures where safety interlocks are to be defeated.

This course provides course participants with the skill and knowledge requirements for the radiation management of XRA 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 X-ray Analysis apparatus is performed under the supervision of a competent and licensed person. This course is aligned with the NHMRC (ARPANSA) Code of Practice for the Safe Use of X-ray Analysis Equipment.

### Course Details

Location:	West Leederville, WA
Duration:	One Day
Times:	08:00am – 4:30pm (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](mailto: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
- Safety Aspects of XRA
- 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.

