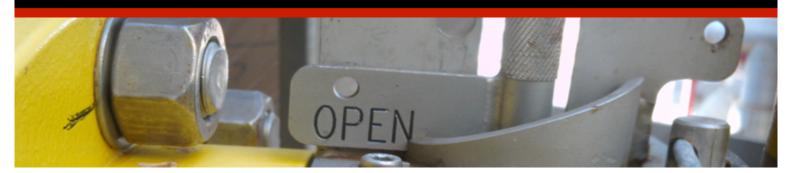


FIXED RADIATION GAUGES

RADIATION PROFESSIONALS AUSTRALIA - 3-Day Course



This 3-day radiation safety course is appropriate for personnel who have responsibilities for dealing with fixed radiation gauges and the associated radiation management practises onsite.

This course is appropriate for personnel involved in Oil & Gas, Mining and other Industrial sectors where fixed radiation gauges are used. This course is aligned with the Code of Practice and Safety Guide for the Safe Use of Fixed Radiation Gauges. This course is recognised as meeting the training course requirements for persons wishing to obtain a licence for the purpose of Use of Fixed Radiation Gauges—Industrial and to act as the Radiation Safety Officer (RSO) for the gauges.

CERTIFICATION:

A moderate level of maths is required for this course.

Upon successful completion of this course trainees will be issued with a Certificate of Competency for the Safe Use of Fixed Radiation Gauges and qualification for pre-requisite approval for licensing.

COURSE STRUCTURE:

Basic Fundamentals –

- Structure of Matter
- o Radioactivity and Radiation
- Measuring and Units
- Biological Effects
- Natural and Man-made radiation

Radiation Monitoring –

- Monitoring potential exposure pathways
- Choosing the correct instrument
- Other types of monitoring
- Spectroscopy & Spectrometers
- Personal Dosimetry
- Calibration and response checks

Radiation Gauges

- X-ray tube & generator
- The housing
- o Shutters & Interlocks
- Test Housing
- Wipe testing

Protection Principles –

- Structure of Matter
- o Radioactivity and Radiation
- Measuring and Units
- Biological Effects
- Natural and Man-made radiation

Regulatory Considerations

- Legislation and Regulation
- Radiation Safety Officer
- Reporting & Audits

Transport of Gauges

- o Transport of Radioactive Materials
- Requirements for transport

Radiation Management

- Security & Emergency procedures
- Radiation Management Plans



WHY TRAIN WITH US?

Radiation Professionals Australia provide onsite training options which can be an ideal solution giving you the opportunity to customise our course content to your specific training needs, as well as attracting significant savings compared to public course costs. We are a radiation safety training provider recognised by the WA Radiological Council and the relevant regulatory authority in each State and Territory in Australia.

COURSE DETAILS:

DURATION: 3 Full Days (8.30 am—4.30 pm)

PRICE: \$1,950 +GST Per person

LOCATION: Perth

PRE-REQUISITE(S): Secondary School level mathematics

LICENCING: Recognised by the WA Radiological Council, LS Licence submission assistance included

WHY SHOULD I ATTEND?

Trainees will obtain theoretical knowledge and practical skills to enable them to work safely with fixed radiation gauges and provide radiation management advice in their workplace. This course facilitates trainees to become licensed and perform legislative Radiation Safety Officer (RSO) duties.

