

### Outcome

To be an authorised operator of industrial radiation gauges.

### Audience

People who operate or work around industrial radiation gauges on an irregular to regular basis. An industrial radiation gauge consists of a suitable source (or a number of sources) of alpha, beta, gamma, neutron or X ray radiation arranged in a fixed geometrical relationship, with one or more radiation detectors for measurement or analysis of many types of materials.

The responsibilities include operating, isolating and working in the vicinity of industrial radiation gauges.

The industries from which people attend are varied from all sectors of industry including - mines, paper mills, factories, construction, oil & petroleum and regulators.

### 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
- Review of Industrial radiation gauges including wipe tests
- Legislation & Workshop including review of the Code of Practice and Safety Guide for Safe Use of Fixed Radiation Gauges (2007)– RPS 13
- Storage and Transport
- 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  
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