



MACKAY - Radiation Safety Officer Training 2025

Level 1 Industrial Radiation Safety (RSO) and User 3 days, Includes Approved Qld Health Legislation Component.

The following Training Dates have been scheduled, please select the dates that suit your requirements. Price: \$1685.00 ex GST.

SELECT	Dates - Days	Start	End
	Wed, Thurs, Fri 12 th – 14 th February 2025	09:00	16:00
	Mon, Tue, Wed 14 th – 16 th April 2025	09:00	16:00
	Mon, Tue, Wed 16 th – 18 th June 2025	09:00	16:00
	Wed, Thurs, Fri 13 th – 15 th August 2025	09:00	16:00
	Wed, Thurs, Fri 15 th – 17 th October 2025	09:00	16:00

Please check the appropriate response from each of the following:

Level of experience with radiation: None Trainee User RSO Licensee

Are you an Australian citizen or permanent resident? Yes No

PLEASE SPECIFY WHICH RADIATION PRACTICE YOUR TRAINING APPLIES TO (Pick One):

- ☐ Fixed Industrial Gauges
- ☐ Chemical Analysis (XRF/XRD or Handheld)
- ☐ Borehole logging
- ☐ Soil Density Moisture Gauges
- ☐ Industrial Radiography
- ☐ Cabinet X-Ray

Please complete and e-mail to: training@mckeng.com.au

Full Name (As on Drivers Licence)	
Telephone Number	
Company Name	
Company Address	
Account Contact	
Email Address	



Queensland licensing policy states that persons must be individually licensed.

This includes persons who are already, or who are intending to become, involved with radiation apparatus, radio-isotope sources and/or the transport of radioactive sources. This workshop is for persons who are intending to become RSOs for the first time and for those who want to refresh their qualification or convert their interstate license for Qld use.

McKavanagh Engineering Services offers cost effective online training workshops designed to be run for small groups. The training is interactive and covers a variety of industrial instruments/products. The training is approved by Radiation Health (approval nos. ED086, ED109 & ED185) and participants are assisted to apply for a Radiation Safety Officer Certificate.

Course Overview

Topics covered will be dependent on the type of workshop completed, but could include:

- Common types of radiation and their properties
- Radiation sources – decay equations, half-life & construction
- The concept of radiation dose
- Typical annual doses from background radiation & dose limits
- Dose Rate At A Distance (DRAAD) calculations
- Confirmation of DRAAD calculations by measurement
- Shielding calculations for practical shielding applications
- Details on device construction and associated safety features
- Working rules, Codes of Practice, Qld Health Radiation Safety Act & Regulation
- Emergency procedures & personal protection from ionising radiation
- Understanding the requirements of your RSPP

For Trainees attending the Radiation Safety Officer Level 1 Training please ensure you have

- A copy of your current approved Radiation Safety and Protection Plan (ask your RSO or Licensee!)
- Details of your Radiation survey meter
- Details of radiation devices: type of devices installed/used & details on sources used at your site
- A scientific calculator (smart phones usually have this program)



McKavanagh Engineering Services Pty Ltd

ABN: 27 081 830 579

Payment Details

IMPORTANT CHANGES TO PAYMENT TERMS:

- A tax invoice will be forwarded at time of registration
- All training is to be paid for in full upon booking for non-account holders

Cancellation Policy:

McKavanagh Engineering Services Pty Ltd undertakes to refund or transfer course fees according to the following criteria:

- If the participant, having applied for & being confirmed into a course, fails to attend without prior notice, will have course fees withheld in total as a cancellation fee unless a doctor's medical certificate is supplied. If a medical certificate is provided you are entitled to a transfer, not a refund.
- If you are more than 30 minutes late, admission will be at the discretion of the course facilitator.
- 24 hours' notice is required to reschedule a course.
- 48 hours' notice is required to cancel a course. A cancellation fee of \$50 applies to all cancellations with less than 48 hours' notice.
- Registered trainees may transfer their course to another person within their organisation if unable to attend with 24 hours' notice.

Payment Methods:

1. Electronic Funds Transfer to:

Account name: McKavanagh Engineering Services Pty Ltd

BSB no: 084-961

Account no: 92-458-6160

2. Cheques

Please make payable to: McKavanagh Engineering Services Pty Ltd

Mail cheques to: PO Box 8015, Mount Pleasant QLD 4740

3. Credit Card (Note: no surcharge applies): Please call our office for credit card payment via phone



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TRAINING VENUE

Location: McKavanagh Engineering Services Pty Ltd
Unit B08, 216 Harbour Road (Harbour City Central)
Mackay QLD 4740

(Please: No dirty work clothes or boots)

Morning Tea and Lunch are provided in the course cost, please advise of any dietary requirements.

Limited off street parking is available within the venue area.

