



Radiation **P**rofessionals

Providing information, guidance and training to meet your regulatory obligations in the uranium industry for all Australian States and Territories

RADIATION PROFESSIONALS

Radiation Professionals Pty Ltd, is an established Perth based Australian company catering to the mining sector. Consisting of a team of Radiation Physicists and Lecturers, with over 80 years combined experience in Radiation Safety Training and Radiation Safety Consulting in the mining and Petroleum industries, Radiation Professionals has the background and experience to fulfil your needs.

- Fixed Radiation Gauges Training and Compliance Testing
- Radiation Surveys - Environmental, Occupational and general
- Radiation Management Plans (RMP)
- Radiation Safety Training - courses for all levels of Radiation Safety Training
- Site Auditing of Radiation Practices
- Design of Safety Systems - safety manuals, procedures, signage, etc
- Dosimetry and Equipment Leasing and sales
- Expert Radiation Consulting
- Licensed Transport Services
- Laboratory Radionuclide Analysis



Radiation Safety Training

Radiation Professionals provide radiation safety courses that include

- Radiation Safety — Radiation Safety Officer (RSO) Exploration — *For licensing purposes*
- Radiation Safety Awareness — Site and Company Management
- Exploration Radiation Safety — Drillers and Field Personnel
- Radiation Safety — Laboratory and Assay Personnel — *For licensing purposes*
- Mineral Sands — NORM Radiation Safety Course
- Unsealed Radioisotope Handling Course
- Fixed Radiation Gauges — Industrial - Licensed Radiation Safety Officer course
- Radiation Safety — Handheld XRF User — *For licensing purposes*
- Radiation Safety — Radiation Safety Officer (RSO) Oil and Gas — *For licensing purposes*
- Oil and Gas — various courses including NORMs awareness and Fixed Gauges

Radiation Consulting

Radiation Professionals Physicists are also available for expert consultation on general issues dealing with radiation, including community relations and education

Radiation Management Plans (RMP)

Radiation Professionals can assist your company with the first step towards good Radiation Safety Practices when moving into the Uranium mining and Exploration arena by helping to develop and set into place the company's Radiation Management Plan.

Your RMP will cover areas such as:

- Company and site details
- Personnel radiation monitoring
- Storage and Disposal of radioactive material
- Decontamination of equipment
- Training of Personnel and Reporting to regulators
- Site radiological rehabilitation.

An RMP consultation will include:

- Overview of legal aspects and requirements of a Radiation Management Plan
- Information on monitoring procedures & guidelines
- (After generation of RMP) Implementation of your projects RMP

After your RMP consultation we will generate a RMP for each project that you have that is becoming active.

We offer complete radiological survey and assessment services. We cover all areas including environmental baselines and occupational exposure levels.

Laboratory Analysis

Radiation Professionals has the facilities to provide sample analysis specifically tailored to your companies requirements.

We offer a range of analysis such as:

- Analysis of Solid Samples
- Analysis of Water Samples
- Analysis of Radon & Radon progeny
- Analysis of Dust Filters
- Wipe test analysis of Radiation Gauges

Upon completion of your analysis Radiation Professionals will provide you with a full report on results and (as requested by the client) advice on how to proceed with your material.

Radiation Surveys

Environmental, Occupational, General

Radiation Professionals provides support for your radiation monitoring requirements. We cover gamma surveys, airborne radionuclides (dust and gas), radionuclides in water, surface contamination and biota/reference persons assessment. This includes determining your monitoring requirements, design of the monitoring plan and then assistance with implementation or carrying out the complete baseline monitoring program. Radiation Professionals then provide assistance with your reporting to regulators and also assistance with ongoing monitoring of projects.

RADON PROSPECTING — Radiation Professionals now have equipment available to prospect for uranium by measuring radon emanation from the soil.

Fixed Radiation Gauges

Training, Auditing and Compliance Testing

Radiation Professionals offers complete services for users of Fixed Radiation Gauges - Industrial. This includes training for licensed users of fixed gauges as well as Isolation Techs, Auditing of Radiation Management Practices for sites using fixed gauges and carrying out annual compliance tests on fixed gauges.

Safety System Design

Safety Manuals, Procedures, Signage, etc

- Design of Radiation Management Plans
- Engineered safety systems
- Transport and packaging of materials
- Documentation systems
- Safety manuals
- Regulatory negotiation assistance and advice

Site Auditing

Radiation Professionals have field experts to conduct Radiation Safety Audits of your site. When you have set up your Radiation Management Plan with Radiation Professionals, your first audit will include a comprehensive review of your RMP

Dosimetry and Equipment Leasing and Sales

Radiation Professionals provide a wide variety of services to fulfil your dosimetry and general radiation monitoring requirements

These include:

- Performing radiation surveys and documenting results
- Leasing of gamma, dust and other radiation monitoring equipment
- Repair of radiation monitoring equipment
- Analysis of dust, soil and water samples
- Sales of equipment including radon monitors and dust deposition gauges

Licensed Transport Services

When transporting radioactive substances, current regulations require the supervision of a person licensed to transport radioactive material.

Radiation Professionals currently provide a service whereby you can transport radioactive substances under the supervision of one of our licensed radiation consultants.



Contact Us

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