



**RADIATION
SERVICES WA**

CAPABILITY STATEMENT



OUR COMPANY

Radiation Services WA (“RSWA”) specialise in total client Radiation Management Solutions for Mining, Oil and Gas, and Industrial Sectors. Founded in 2008, RSWA (previously Integrated Safety) is highly qualified to meet the needs of your business no matter what phase of operations you are in. The services we offer range from the purchase and importing of radioactive material, through installation, commissioning and compliance auditing, to the disposal of radioactive material at the end of its useful life.

The RSWA team are highly experienced and can offer tailored solutions for issues for where companies use, or personnel are exposed to radiation sources. Our Radiation Protection Advisors (RPA) are accredited and licensed as Radiation Safety Officers across all industrial uses of radiation and to conduct Compliance Auditing and issue Certificates of Compliance in Northern Territory, Queensland, Tasmania and Western Australia. Our Training Delivery staff are all Certificate IV Trainer & Assessor competency and continue to also operate in Radiation Protection Advisor role to ensure that they are at the top of their game in both training and subject matter expertise.

At RSWA, we pride ourselves on our ability to meet our clients’ needs in a customised and timely manner. We aim to be market leaders in providing tailored solutions for our clients based on our wealth of knowledge and experience.

COMPANY INFORMATION SUMMARY

Radiation Services WA
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Simon Booth – Managing Director – 0417 966 438

Licensed to operate in:
Northern Territory | Queensland | South Australia
Tasmania | Western Australia



OUR CORE CAPABILITIES



TRAINING

RSWA provide training and assessment for you and your employees at a range of competency requirements from induction and awareness, to those working with and around radiation sources, to Radiation Safety Officer (RSO) level and Responsible People. We provide a curriculum that is tailored to meet your specific needs. — Oil & Gas, Mining & Resources, Transport & Logistics, or the Education & Research sectors.



COMPLIANCE AUDITING

Delivering on-site compliance auditing services and compliance certification for radiation sources and radiation places to meet the legislative requirements in most jurisdictions across Australia. Our Radiation Protection Advisors (RPA) are able to issue Certificates of Compliance or customised technical and regulatory compliance recommendations.



RADIATION SAFETY OFFICER (RSO) PROVISION

The legislative requirements around the duties required of a RSO can be complex and vary across different jurisdictions and uses of radiation. RSWA provide the advice you need to ensure compliance and minimise risk for your company. We are able to provide contracted RSOs to meet your statutory requirement on either a permanent, or transitory basis.



RADIATION MANAGEMENT SAFETY REVIEW

The safe and effective management of radiation sources requires personnel to have awareness and understanding of the legislative requirements. RSWA can provide you with the development and review of your management plans, providing you with the confidence that your company expectations and the necessary regulatory requirements will be satisfied.



RADIATION MONITORING

You must implement appropriate radiation monitoring strategies prior to beginning work with radiation sources. RSWA can provide advice about the type of equipment required as well as having the ability to source this equipment. These often include radiation survey meters, personal dosimeters, contamination survey meters, combination meters and ancillary equipment such as dose equivalent filters.



EMERGENCY RESPONSE

We assist our clients with training and preparation for incident response, providing advice, equipment and personnel for an emergency response or incident recovery. We have a number of specialist personnel with Career Firefighter as well as Radiological and Hazardous Materials (HAZMAT) response expertise.



TRANSPORT & LOGISTICS

We have the ability to deliver a licensed Radiation Protection Advisor and approved Radiation Protection Program for a single consignment or the ongoing transport of radioactive material. RSWA are able to train, mentor and advise your personnel until they are competent and licensed to oversee the consignment, transport and storage of radioactive material autonomously.



IMPORT & DISPOSAL

RSWA can assist your team with the import of radiation sources to expedite purchasing processes, to ensure that sources can be delivered to your facility without delay. RSWA advises on all aspects of radioactive waste disposal, including sealed sources, and naturally occurring radioactive material (NORM) and the decommissioning of x-ray apparatus.

OUR KEY PEOPLE

Simon Booth – Managing Director & Radiation Protection Expert

Simon has been working in radiation safety since 2001 as both a Government Regulator and a Radiation Protection Advisor in the Oil & Gas, Mining and Industrial sectors. He is well respected both internally as the company leader and also externally, in the Radiation Services community.

Simon holds a BSc (Physics), a Diploma in Occupational Safety and Health, and is a qualified Trainer & Assessor under the AQF. Simon has extensive emergency response experience having worked for the government in an emergency response role, including fire, rescue and hazardous materials specialisation (CBRN - chemical, biological, radiological, nuclear).

Specialties include:

- Technical Lead
 - Oil & Gas NORM
 - Industrial Radiography
 - Borehole Logging
 - Regulatory Liaison
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Caroline Asbury – Technician: Radiation Protection

Caroline has an expansive background as an Occupational Hygiene Consultant in the Oil and Gas, Local Government, Mining, and Industrial sectors having worked in large global conglomerates and small local business entities.

Caroline holds a BSc in Health Science (OSH), Post Graduate Certificate in Occupational Hygiene and Toxicology, current Mine Air Quality Officer (SVO) and Noise Officer qualifications and a cert IV in Training and Assessment.

Specialties include:

- Naturally Occurring Radioactive Material (NORM)
- Compliance Testing (Fixed Gauging and XRA)
- Training Management
- Health and Hygiene Management Plan and Radiation Management Plan Reviews
- OHSE Project Management

Matt Carroll – Technical Operations Manager

Matt has worked as a radiation safety officer, developed radiation safety programs, and managed radiological waste for numerous organisations across a variety of sectors. He has conducted and developed detailed facility safety assessments and safety cases to meet Government approval requirements and overseen commissioning and decommissioning of numerous radiation facilities. His work as a scientist involved the use of neutron and x-ray scattering both here and overseas, and he has been heavily involved in the development and teaching of radiation safety and radiation physics courses for industry and universities.

Matt holds a PhD (Biophysics), BSc (Physical Sciences), and Cert IV's in Work Health & Safety and Training & Assessment.

Specialties include:

- Regulatory framework & liaison
- Safety cases and dose assessments
- Radioactive waste management
- Radiation safety programs
- Education & training

Jason Dickie – Radiation Protection Advisor & Project Manager

Jason is a highly effective senior environmental consultant of 20 years, gaining extensive environment management experience in construction, mining and oil & gas projects (Australia, UK and Middle East). Throughout his career he has demonstrated experience in project management, commercial delivery, environmental system development/implementation, stakeholder relationship development and compliance auditing. Additionally, he has worked extensively on project approvals and monitoring programs for environmental impact assessments and regulatory compliance.

Specialties include:

- Environmental (NORM) Monitoring
 - Regulator liaison
 - Project Management and Sustainability
 - Oil & Gas - Environmental Management
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Alana Field – Radiation Protection Advisor

Alana has been working as a radiation safety professional since 2004. During this time, she has worked as a Radiation Protection Advisor in industry and as a government regulator, both for the Radiological Council and for the Department of Mines, Industry Regulation and Safety.

Alana holds a BSc (Applied Computational Physics), a Postgraduate Diploma in Occupational Health and Safety and has extensive knowledge in the field of Naturally Occurring Radioactive Material (NORM) assessment and regulation.

Specialties include:

- Regulatory Framework and Liaison
- Mining and processing of radioactive ores (NORM)
- Transport of radioactive substances
- X-ray analysis
- Borehole Logging

Dr Tim Finney – Radiation Protection Advisor

Tim holds a BSc (Physics) and has more than three decades of Regulatory and Health Physics experience. Tim has extensive experience in the assessment and design of radiation shielding, radiation dosimetry and instrument calibration along with many years' experience servicing, refurbishment and disposing of fixed radiation gauges.

Tim has held RSO positions and designed and overseen many radiation management systems and processes. He specialises in compliance auditing and offering regulatory advice with complex situations.

Specialties include:

- Education & Research
 - Facility Design
 - Radiation Survey Equipment
 - Medical Physics
 - Fixed radiation gauges
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Mike Irvine – Radiation Protection Advisor

Mike has a MSc (Medical and Health Physics) and has been working in the radiation safety field since 2003 in both a regulatory and industrial capacity. He has worked for many years in the Biomedical Technology industry where he performed premises shielding assessment and certification, including non-destructive testing with radioactive sources and radiation incident reporting.

Mike is an experienced oil and gas operator having conducted NORM surveys of on-shore and off-shore installations, NORM remediation and clearance of plant and equipment as well as radiation incident investigation and reporting.

Specialties include:

- Industrial x-ray applications
- Facility Design and Shielding
- Medical Physics
- Dose assessment
- Oil & Gas NORM

Joel Manning – Radiation Protection Advisor

Joel previously worked for radiation regulator in WA, holds a BSc in Environmental Science and possesses a high level of experience applying radiation protection principles as they relate to real-world industrial uses. Joel is a qualified Trainer & Assessor under the AQF and facilitates many of our training courses.

Joel has a high level of competence within emergency response and incident investigations having gained operational experience as a career firefighter.

Specialties include:

- Fixed Radiation Gauges
 - Transport of Radioactive Material
 - Industrial Radiography
 - Borehole Logging
 - Emergency Response
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Henriëtte Rossouw – Radiation Protection Advisor

Henriëtte has extensive mining and consulting experience in a number of industries throughout Australia and Internationally specialising in radiation protection, occupational health and hygiene.

Henriëtte has worked on projects in the development, active mining, decommissioning and rehabilitation phases. Her experience and skillset include hygiene monitoring and surveillance, radiation management plan development and implementation.

Specialties include:

- Naturally Occurring Radioactive Material (NORM)
- Occupational hygiene stressors
- Health management system development and auditing
- OHSE project management
- Hazardous Chemical Substances (HCS)

Lauren Steen – General Manager

Lauren has over 15 years' experience in the STEM sector, particularly focusing on Science and Technology. She has extensive knowledge of the industrial sectors both here in Australia and overseas having spent many years working in the field of Geochemistry.

Lauren is an experienced NORM RSO having worked on many Green and Brownfield exploration projects. Her experience and skillset include monitoring, radiation management plan development and implementation and X-ray analysis equipment and interpretation.

Specialties include:

- Naturally Occurring Radioactive Material (NORM)
 - X-ray Analysis
 - Compliance Testing
 - Geochemical Analysis and Reporting
 - Regulatory Framework and Liaison
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Danielle Stephen – Radiation Protection Advisor

Danielle's experience in the Radiation Safety industry spans 12 years. During this time, she has worked as a Radiation Technician servicing primarily the NORM and Fixed Gauging Industry. Danielle has also held positions as Laboratory Manager & Equipment Service Manager for both radiation related and geochemical monitoring equipment.

Danielle holds a Certificate IV in Laboratory Techniques and has completed a Certificate IV in Work Health and Safety.

Specialties include:

- Radiological Monitoring
- Compliance Testing (Fixed Gauging & XRA)
- Equipment Servicing and repair
- Geochemical Analysis & Reporting
- Training Management

