

Radiation consulting, expertise and training



Australian Government



Source management | Packaging & disposal | Remediation & decommissioning

ANSTO has over 70 years of nuclear experience and knowhow. We operate Australia's only multi-purpose nuclear research reactor, OPAL, and our teams work safely with radiation every day.

ANSTO is recognised internationally as a leader in radiation safety management and radioactive waste management.

Solutions for your radioactive waste challenges

We work with hospitals and health providers, mining and resources companies, universities and research facilities, defence, government agencies and more. They turn to us for a range of services including:

- Radiation consulting and waste management
- Radioactive source recycling and disposal
- Lab decommissioning to greenfield/brownfield
- Equipment decommissioning, and
- Legacy waste management.

Our capabilities in radiation detection and safety training are world class and sought after by industry and government agencies both in Australia and overseas.

Work with radiation experts

- Advice on radioactive materials, packaging, transport, approvals, decommissioning and asset disposal.
- Specialists in radiation measurement, compliance and training.
- End-to-end project management.



The OPAL research reactor at ANSTO.

“ANSTO’s expertise and commitment have been instrumental in safely decommissioning legacy radiation facilities, ensuring compliance and reducing risk for future operations.”

University of Sydney, Australia



Home of Australia's nuclear science expertise



Radioactive source recycling and disposal

- Legacy waste management, source recycling and repurposing.
- End-to-end solutions for the entire waste management cycle.
- Radiological baseline assessments, Naturally Occurring Radioactive Materials (NORM) analysis, waste characterisation, storage, transport packaging and emergency response.
- Radiation surveys and clearances, disposal, packaging, regulatory approval (export and transport safety plans where required) and transport.
- Industrial radiation gauge and source disposals.
- Consultancy, regulation and compliance.



Remediation and decommissioning expertise

- Expert advice on NORM for the mining, oil and gas industries.
- Brownfield and greenfield remediation including university/ industrial laboratories and some of Australia's largest decontamination and decommissioning projects.
- Fast, accurate radiation detection and imaging using ANSTO's advanced CORIS360® technology.
- Equipment decommissioning and clearance.



Training and equipment calibrations

- Hands-on radiation training delivered at Australia's only nuclear research reactor facility.
- 30+ years' experience and industry-leading training.
- Bespoke training delivered at your site.
- Accurate calibration services for radiation monitoring instruments used in the medical, mining, oil, gas industries and more.
- As a federal government organisation, ANSTO is the trusted name in radiation services and delivers training recognised by national and state regulators.

Connect with us

For expert advice, training, case studies and more:

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