

ACT Radiation Council

Prerequisites for Use Licences



Radiation Protection Act 2007

Prerequisites

Applicants seeking a licence to use radiation sources, under the *Radiation Protection Act 2006*, must meet certain requirements prior to the issuing of a Use Licence.

All applicants will be required to submit documented evidence to substantiate the prerequisites listed in this document. Documented evidence of training, knowledge and or experience could be a certificate of successful completion of a recognised course. Recognised courses include courses which have been approved in another jurisdiction, such as:

- NSW: Approved Courses (<http://www.epa.nsw.gov.au/radiation/licensing/licensingcriteria.htm>)
- VIC: Recognised Training Courses (<http://docs.health.vic.gov.au/docs/doc/Prerequisites-for-applying-for-use-licences>)
- QLD: Approved Radiation Safety Courses (<https://www.health.qld.gov.au/radiationhealth/documents/accredcourse.pdf>)

Medical

Occupation	Apparatus	Prerequisites
Bone Mineral Density Operator	Use Radiation Apparatus For Dual Energy X-Ray Absorptiometry	<ul style="list-style-type: none"> • Training, knowledge and or experience in radiation safety with respect to bone mineral density apparatus.
Chiropractors	Chiropractic General X-Ray Unit	<ul style="list-style-type: none"> • Must be registered as a Chiropractor with Australian Health Practitioner Regulation Agency (AHPRA). • Training, knowledge and or experience in the safe use of x-ray apparatus for the chiropractic examinations.
Dermatologists	Superficial/Orthovoltage Radiotherapy X-Ray Unit	<ul style="list-style-type: none"> • Must be registered as a medical practitioner with a specialty in dermatology with the Australian Health Practitioner Regulation Agency (AHPRA). • Training, knowledge and or experience in the safe use of Superficial/Orthovoltage x-ray unit
Nuclear Medicine Specialists	Unsealed Radioactive Material used in Nuclear Medicine, Medical Diagnostic Imaging Units	<ul style="list-style-type: none"> • Must be registered as a specialist nuclear medicine physician with Australian Health Practitioner Regulation Agency (AHPRA). • Must have successfully undertaken Advanced Training in Nuclear Medicine as overseen by the Joint Specialist Advisory Committee in Nuclear Medicine (JSAC).

Medical

Occupation	Apparatus	Prerequisites
Nuclear Medicine Specialist / Radiologists	Unsealed Radioactive Material used in Nuclear Medicine Medical Diagnostic Imaging Units	<ul style="list-style-type: none"> Must be registered as a medical practitioner with a specialty in radiology with the Australian Health Practitioner Regulation Agency (AHPRA). Must have successfully undertaken Advanced Training in Nuclear Medicine as overseen by the Joint Specialist Advisory Committee in Nuclear Medicine (JSAC).
Nuclear Medicine Technologists	Unsealed Radioactive Material used in Nuclear Medicine	<ul style="list-style-type: none"> Must be registered as a nuclear medicine technologist with the Australian Health Practitioner Regulation Agency (AHPRA).
	Computed Tomography (CT) Scanner used for nuclear medicine technology (inc. SPECT/CT PET).	<ul style="list-style-type: none"> Must be registered as a nuclear medicine technologist with the Australian Health Practitioner Regulation Agency (AHPRA) Training, knowledge and or experience in the use of diagnostic CT for nuclear medicine.
	Computed Tomography (CT) Scanner used for diagnostic radiography and nuclear medicine technology.	<ul style="list-style-type: none"> Must be registered as a nuclear medicine technologist with the Australian Health Practitioner Regulation Agency (AHPRA) Training, knowledge and or experience in the use of diagnostic CT.
Ophthalmologists	Ophthalmic Strontium 90 Applicator	<ul style="list-style-type: none"> Must be registered as a medical practitioner with a specialty in ophthalmology with the Australian Health Practitioner Regulation Agency (AHPRA). Training, knowledge and or experience in the safe use of Sr-90 applicators.
Pathologists	Blood Irradiator	<ul style="list-style-type: none"> Must have successfully completed in-house training in the use of blood irradiation equipment.
Radiation Oncologists	Medical Therapeutic Radiation Sources	<ul style="list-style-type: none"> Must be registered as a medical practitioner with a specialty in radiation oncology with the Australian Health Practitioner Regulation Agency (AHPRA).
Radiation Therapists	Medical Therapeutic Radiation Sources	<ul style="list-style-type: none"> Must be registered as a radiation therapist with Australian Health Practitioner Regulation Agency (AHPRA).
Radiographers	Medical Diagnostic Imaging Units	<ul style="list-style-type: none"> Must be registered as a as a diagnostic radiographer with the Australian Health Practitioner Regulation Agency (AHPRA).
Radiologists	Medical Diagnostic Imaging Units	<ul style="list-style-type: none"> Must be registered as a medical practitioner with a specialty in radiology with the Australian Health Practitioner Regulation Agency (AHPRA).
Medical Specialists (inc Cardiologist, Vascular Surgeon, Orthopaedic Surgeon, Urologist)	Medical Fluoroscopic X-Ray Unit	<ul style="list-style-type: none"> Must be registered as a medical specialist with Australian Health Practitioner Regulation Agency (AHPRA). Training, knowledge and or experience in radiation safety with respect to fluoroscopic X-ray equipment.

Dental

Occupation	Apparatus	Prerequisites
Dentists Dental Hygienists Dental Therapists Oral Health Therapists	General Dental X-Ray Sources <i>(Including Intra-Oral X-Ray Units, Panoramic X-Ray Units And Cephalometric X-Ray Units)</i>	<ul style="list-style-type: none"> Must be registered as a dental practitioner with Australian Health Practitioner Regulation Agency (AHPRA).
	Specialist Dental X-Ray Sources <i>(Including Dental 3D Volumetric or CBCT X-Ray Units)</i>	<ul style="list-style-type: none"> Must be registered as a dental practitioner with Australian Health Practitioner Regulation Agency (AHPRA). Training, knowledge and or experience in radiation safety with respect to dental 3D volumetric X-ray apparatus.
Dental Assistants Dental Nurses	General Dental X-Ray Sources <i>(Including Intra-Oral X-Ray Units, Panoramic X-Ray Units and Cephalometric X-Ray Units)</i>	<ul style="list-style-type: none"> Training, knowledge and or experience in dental assisting such as Certificate IV in Dental Assisting – Radiography (HLT43007).

Veterinary

Occupation	Apparatus	Prerequisites
Veterinary Nurses	Veterinary General X-Ray Unit	<ul style="list-style-type: none"> Must have successfully completed a Certificate IV course in Veterinary Nursing.
Veterinary Surgeons	General Veterinary X-Ray Apparatus	<ul style="list-style-type: none"> Must be currently registered with the Veterinary Surgeons Board of the ACT.
	Specialist Veterinary X-Ray Apparatus <i>(Including Fluoroscopic Apparatus And Computed Tomography)</i>	<ul style="list-style-type: none"> Must be currently registered with the Veterinary Surgeons Board of the ACT. Training, knowledge and or experience in radiation safety with respect to fluoroscopic and/or computed tomography X-ray equipment.
	Unsealed Radioactive Material Used In Veterinary Nuclear Medicine	<ul style="list-style-type: none"> Must be currently registered with the Veterinary Surgeons Board of the ACT. Training, knowledge and or experience in radiation safety with respect to unsealed radioactive material.

Other

Occupation	Apparatus	Prerequisites
Borehole Loggers	Borehole Logging Radiation Sources	<ul style="list-style-type: none"> Must have successfully completed in-house training in the use of borehole logging equipment.
Forensic Radiographers	Medical General X-Ray Unit Medical Fluoroscopic X-Ray Unit Computed Tomography (CT) Scanner	<ul style="list-style-type: none"> Training, knowledge and or experience in radiation safety relevant in the type of equipment that will be used.
Industrial Radiographers	Industrial Radiography Sealed Source Apparatus. Industrial Radiography X-Ray Unit.	<ul style="list-style-type: none"> Training, knowledge and or experience in radiation safety with respect to industrial radiography.
Medical Physicists	Medical Diagnostic Radiation Sources	<ul style="list-style-type: none"> Training, knowledge and or experience in Medical Physics (e.g. Accredited by ACPSEM).
Portable Nuclear Moisture/Density Gauges Operators	Portable Nuclear Moisture/Density Gauges	<ul style="list-style-type: none"> Training, knowledge and or experience in radiation safety with respect to portable nuclear moisture/density gauges.
Radiochemists Radiopharmacists	Unsealed Radioactive Material	<ul style="list-style-type: none"> Training, knowledge and or experience in radiation safety appropriate to the profession.
Security	Security Detection Apparatus	<ul style="list-style-type: none"> Training, knowledge and or experience in radiation safety.
Service Technicians Service Engineers	Radiation Sources	<ul style="list-style-type: none"> Must supply evidence of training in servicing of radiation apparatus. Training, knowledge and or experience in radiation safety.