

ENVIRONMENT PROTECTION AUTHORITY

LICENCE APPLICATION - TO USE IONISING RADIATION APPARATUS

RADIATION CONTROL ACT, 1990

NOTE: A separate form is required for Radioactive Substances.

If you have previously held a licence either for Radioactive Substances or Radiation Apparatus please indicate:

Type of licence Previous licence No Date expired

Title: Surname: Other Names:

Personal Address Details (mandatory)

Business Address Details (optional)

Telephone: Fax:
 Email:

Telephone: Fax:

Occupation Number:

Employer Number:

As per attached information sheet

If no suitable number please give details

Occupation:

Employer:

Type(s) of licence applied for (refer to information sheet)

If the proposed use is not on the information sheet give details of proposed use

Qualifications

Relevant registrations, accreditations, membership of professional bodies, training courses etc.

Details of knowledge and experience in the principles of radiation protection procedures that relate to the proposed

LEASE NOTE

- The prescribed fee for your application is \$117 and this fee must accompany this application form. All fees are GST exempt!
- See back of this form for payment details.
- This application will be submitted to the Radiation Advisory Council for consideration.
- Refunds of the application fee will not be made for unsuccessful applicants.

Copies of qualifications, relevant registrations, accreditations (copies certified by a Justice of the Peace) must be included with this application.

CHECKLIST FOR APPLICANTS

- All relevant information has been supplied.
- Evidence of required qualifications are attached.
- The form has been signed.
- Payment attached

Send completed form to: Radiation Licensing Officer, EPA
 P.O. Box A290,
 SYDNEY SOUTH NSW 1232
 Telephone: (02) 9995 5959
 Fax: (02) 9995 6603

*The following section is to be completed only by applicants for the following uses :
scientific/research , analytical, educational/demonstration*

Details of make, model and maximum kVp/keV and mA of all apparatus to be used.

Name of Radiation Safety Officer appointed under the Act (if applicable)

Please Print

Signature RSO

Date

*DECLARATION: I hereby declare that the information provided on this form and in support of this application is to the best of my knowledge complete and true in every particular.
I acknowledge that the EPA reserves the right and has the power to make enquiries that are considered appropriate in regard to the details of qualifications and experience outlined in this application and I acknowledge further that a person will not become liable to me solely by virtue of their having responded honestly and to the best of their knowledge to an EPA enquiry in this respect.*

Signature of Applicant : _____ Date : ____ / ____ / ____

Payment can be made by Credit Card or Cheque, cheques should be made payable to Environment Protection Authority, NSW, in Australian currency.

Visa Mastercard Bankcard Cheque

Card Number: _____

Expiry: ____ / ____

Card Holder Name: _____

Amount: \$ _____

Card Holder Signature: _____

Telephone: () _____

GENERAL INFORMATION FOR APPLICANTS

Occupations Requiring a Licence

A person whose occupation is listed below and who uses radioactive substances or ionising radiation apparatus in the pursuit of that occupation is required to hold an appropriate licence.

- (i) chiropractor
- (ii) dental assistant
- (iii) dental hygienist
- (iv) dental therapist
- (v) dentist
- (vi) dermatologist
- (vii) general medical practitioner (remote operator)
- (viii) industrial radiographer
- (ix) medical diagnostic radiographer
- (x) medical specialist using fluoroscopy
- (xi) nuclear medicine physician
- (xii) nuclear medicine technologist
- (xiii) nurse (remote operator)
- (xiv) ophthalmologist
- (xv) radiation oncologist
- (xvi) radiation oncology physicist
- (xvii) radiation therapist
- (xviii) radiologist
- (xix) scientist
- (xx) engineer
- (xxi) service engineer/technician
- (xxii) veterinarian
- (xxiii) Company selling radioactive substances
- (xxiv) Company selling radiation apparatus

A licence or temporary licence may be granted by the EPA to a person in respect to that person's occupation which is not listed above provided that the applicant satisfies the requirements of Section 6(5) (a) and (b) of the Act.

Qualifications and Training Required for the Granting of a Licence

- (i) A chiropractor is required to hold a current registration issued under the Chiropractic Act, 1978, be a graduate of either the Phillip Institute of Technology, Victoria, or Macquarie University, NSW, or, in any other case, satisfy the requirements of Section 6(5) of the Act.
- (ii) A dental assistant is required to hold qualifications and training appropriate to the purpose for which the licence is sought.
- (iii) A dental hygienist is required to hold qualifications and training appropriate to the purposes for which the licence is sought.
- (iv) A dental therapist is required to hold a certificate of proficiency in dental radiography, approved by the RAC.
- (v) A dentist is required to hold a current registration issued under the Dentist's Act 1989.
- (vi) A dermatologist is required to hold a current registration issued under the Medical Practitioners Act, 1938, and be admitted or be eligible to be admitted as a member of the Australasian College of Dermatologists.
- (vii) A general medical practitioner (remote operator) is required to hold a current registration issued under the Medical Practitioners Act, 1938, and shall have successfully completed a course in radiography, approved by the RAC.
- (viii) An industrial radiographer is required to have successfully completed a course in industrial radiography approved by the RAC.
- (ix) A medical diagnostic radiographer is required to be eligible for admission, or be admitted as a member of the Australian Institute of Radiography as a medical diagnostic radiographer.

- (x) A medical specialist using fluoroscopic apparatus is required to hold a current registration issued under the Medical Practitioners Act, 1938, and any other qualification and training which is deemed appropriate by the RAC for the purposes for which the licence is sought.
- (xi) A nuclear medicine specialist is required to hold a current registration issued under the Medical Practitioner Act, 1938, and be eligible for admission, or be admitted, as a member of the Australian and New Zealand Association of Physicians in Nuclear Medicine.
- (xii) A nuclear medicine technologist is required, to be eligible to be accredited, or be accredited by the Australian and New Zealand Society of Nuclear Medicine.
- (xiii) A nurse (remote operator) is required to be registered under the Nurses Act, 1991, and shall have successfully completed a course in extremity radiography which has been approved by the RAC.
- (xiv) An ophthalmologist is required to hold a current registration issued under the Medical Practitioners Act, 1938, and have training in the use of ophthalmic applicators appropriate for the purpose for which the licence is sought.
- (xv) A radiologist is required to hold a current registration under the Medical Practitioners Act, 1938, and be recognised by the Health Insurance Commission as a specialist in diagnostic radiology.
- (xvi) A radiation oncologist is required to hold a current registration issued under the Medical Practitioners Act, 1938, be recognised as a specialist in radiation oncology, and have a post graduate qualification in radiation oncology suitable for the purposes for which the licence is sought.
- (xvii) A radiation oncology physicist is required to be accredited by the Australasian College of Physical Scientists and Engineers in Medicine in radiotherapy equipment commissioning and quality assurance testing.
- (xviii) A radiation therapist is required to be eligible for admission, or be admitted as a member of the Australian Institute of Radiography as a medical therapy radiographer.
- (xix) A scientist is required to have appropriate knowledge of the principles and practices of radiation hygiene and protection applicable to the activities proposed to be carried on in pursuance of the licence.
- (xx) An engineer is required to have appropriate knowledge of the principles and practices of radiation hygiene and protection applicable to the activities proposed to be carried on in pursuance of the licence.
- (xxi) A service engineer is required to have received appropriate training in radiation safety and to demonstrate to the satisfaction of the RAC competency in installing and/or servicing the type of sealed radioactive source or radiation apparatus for which the licence is sought.
- (xxii) A veterinarian is required to hold a current registration issued under the Veterinary Surgeons Act, 1986.

In addition to the requirements in (i) to (xxii) above, an applicant for a licence must be able to provide evidence, to the satisfaction of the Radiation Advisory Council, that the applicant has appropriate knowledge of the principles and practices of radiation protection applicable to the activities proposed to be carried out by the applicant in pursuance of the licence.

INFORMATION SHEET

OCCUPATION CATEGORIES

<u>Dental</u>		<u>Educational</u>		<u>Engineering</u>	
Dentist	10	Laboratory Supervisor	63	Engineer	110
Dental Therapist	11	Secondary Teacher	61	Engineer-Chemical	111
Dental Hygienist	12	Tertiary Lecturer	60	Engineer-Civil	112
Dental Assistant	13	Tutor/Demonstrator	62	Engineer-Electrical	113
<u>Medical-Specialist</u>		<u>Safety</u>		Engineer-Safety	114
Anaesthetist	20	Safety Officer-Radiation	70	Engineer-Electronics	115
Cardiologist	21	Safety Officer-General	71	Engineer-Miscellaneous	116
Dermatologist	22	<u>Management</u>		<u>Technical</u>	
Endocrinologist	37	Company Director	83	Electrician	126
Gastroenterologist	23	Foreman	84	Metallurgist	119
Gynaecologist	31	Manager-General	80	Technical Officer-Science	120
Haematologist	32	Manager-Maintenance	82	Technical Officer-Engineering	121
Nuclear Medicine Physician	24	Manager-Mine	90	Technical Officer-Other	122
Oncologist-Radiation	25	Manager-Production	81	Technical Officer-Medical	123
Oncologist-Medical	57	Manager-Technical	85	Technical Officer-Gauges	124
Ophthalmologist	26	Product Manager	86	Technical Officer-Electronics	125
Orthopaedic Surgeon	27	Project Manager	87	Technologist-Non Destructive Testing	130
Other Surgeon	36	<u>Scientific/Research</u>		Technologist-Geophysics	131
Pathologist	35	Analyst	107	Technologist-Miscellaneous	132
Physician	39	Biologist	102	Technician-Moisture Probes	133
Radiologist	28	Chemist	100	Technical Sales Officer	135
Rheumatologist	58	Earth Scientist	103	<u>Miscellaneous</u>	
Urologist	29	Health Physicist	104	Assistant-Miscellaneous	460
<u>Medical, other and related</u>		Medical Physicist	105	Chemist-Industrial	410
Chiropractor	40	Medical Laboratory Scientist	106	Consultant	200
General Medical Practitioner	50	Physicist	101	Officer-Miscellaneous	450
Radiographer-Diagnostic	52	Radiochemist	136	Operator	455
Radiographer-Therapy	53	Scientist-General	108	Operator-Cabinet X-rays	456
Technologist-Nuclear Med.	54	Scientific Officer	109	Technician-Miscellaneous	470
Nurse	55	Radiochemist	136	Veterinarian	180
Pharmacist	56	<u>Rural</u>		Soil Tester	137
<u>Servicing/Installation</u>		Agronomist	143		
Service Engineer-Xrays	160	Farmer	140		
Service Engineer-Gauges	161	Rural Worker	141		
Service Engineer (Xrays & Gauges)	162				

EMPLOYER CLASSIFICATION

<u>HOSPITAL</u>		<u>INDUSTRY</u>		<u>RESEARCH/SCIENTIFIC</u>	
200	Government Hospital (other than 201-207)	220	Manufacturing Industry	250	Research Institution
201	Royal Prince Alfred Hospital	230	Primary Industry	251	C.S.I.R.O.
202	St George Hospital	232	Rural Industry	252	National Medical Cyclotron
203	Westmead/ Parramatta Hospitals	235	Service Industry	<u>GOVERNMENT</u>	
204	Prince of Wales	350	Industrial radiography	260	Government Dept-State
204b	Prince Henry Hospital	<u>EDUCATIONAL</u>		261	Government Dept-Federal
205	Royal North Shore	240	Educational Institution	262	Government Dept-Local
205b	Hornsby Hospital	241	University of NSW	265	Roads & Traffic Authority
206	St Vincent's Hospital	242	University of Sydney	<u>MISCELLANEOUS</u>	
207	John Hunter Hospital	242b	University of Sydney Farms	340	Supplier/Installer of Apparatus
210	Private Hospital	242c	Cumberland College	341	Supplier/Installer R/A Subs
<u>MEDICAL and RELATED</u>		243	Macquarie University	360	Geological Exploration
270	Radiology Practice	244	Wollongong University	370	Consultant Engineer
280	Radiotherapy Practice	244b	Wollongong Technical College	371	Consultant-Rural
290	General Medical Practice	245	University of New England	372	Engineering Company
300	General Dental Practice	246	University of Newcastle	650	Gamma Irradiation Plant
320	Veterinary Practice	246b	Newcastle Technical College	700	Mineral Sands Company
330	Chiropractic Practice	247	University of Technology Sydney	800	Mining Company
400	Nuclear Medicine Practice	247b	Uni of Technology Gore Hill	810	Airline Company
500	Pathology Practice	248	University of Western Sydney		
600	Specialist Medical Practice (non radiology)	249	Charles Sturt University		

TYPES OF IONISING RADIATION APPARATUS LICENCES

Analytical purposes	5	Installation and servicing of radiation apparatus	10
Bone mineral analysis	27	Medical fluoroscopy other than radiology	22
Remote operator	15	Medical radiation therapy	3
Chiropractic radiography	21	Radiation oncology physics	29
Dental radiography	20	Radiography-diagnostic	14
Dermatology	11	Radiography-therapy	13
Educational/demonstration purposes	9	Radiology	4
Industrial fluoroscopy	25	Scientific or research purposes	8
Industrial radiography	6	Selling radiation apparatus	2
Industrial gauging	7	Veterinary purposes	23