



Australian Government

Australian Radiation Protection and Nuclear Safety Agency

S0002

Source Licence

Under Section 33 of the *Australian Radiation Protection and Nuclear Safety Act 1998*, (the Act) I, Martin Dwyer, Delegate of the CEO of ARPANSA, issue a source licence to:

Australian Radiation Protection and Nuclear Safety Agency

that authorises the persons identified below to deal with the controlled apparatus and controlled material described in Schedule 1 and held by **Radiation Health Services**, subject to the following:

1. Conditions in section 35 of the Act
2. Conditions in Part 4 Division 4 of the Australian Radiation Protection and Nuclear Safety Regulations 1999 (the Regulations)
3. Practices to be followed in Part 5 of the Regulations
4. Conditions in Schedule 2 of this licence.

Persons covered by this licence are the licence holder, employees of the licence holder, Commonwealth contractors and employees of Commonwealth contractors.

ISSUED at Sydney, this 23rd day of April 2013

Martin Dwyer
Delegate of the CEO of ARPANSA

This licence continues in force until cancelled or surrendered

Schedule 1 Controlled Apparatus and Controlled Material¹

Group ²	Item ²	Kind of controlled apparatus and controlled material
Group 1	1	Sealed source for calibration purposes of activity of 40 MBq or less
	6	Sealed source that: (a) is in storage and awaiting disposal; and (b) has a nuclide with a maximum activity of not more than 10 ⁹ times the amount mentioned in column 4 of Part 2 of Schedule 2 (of the Regulations) for that kind of nuclide
	8	Unsealed source, or sources, in a laboratory or premises, having nuclides such that when the maximum activity of each nuclide in the source, or sources, is divided by the amount mentioned in column 4 of Part 2 of Schedule 2 (of the Regulations) for that kind of nuclide, the total of the results for all nuclides in the source, or sources, is not more than 100
	22	Optical source, other than a laser product, emitting ultraviolet radiation, infrared or visible light
	23	A laser product with an accessible emission level more than the accessible emission limit of a Class 3R laser product as set out AS/NZS 2211.1:2004 <i>Safety of Laser Products – Equipment Classification, Requirements and User's Guide</i>
	g	Sealed source for training and education purposes of activity 40 MBq or less
Group 2	25	Sealed source for calibration purposes of activity of more than 40 MBq
	31	Unsealed source, or sources, in a laboratory or premises, having nuclides such that when the maximum activity of each nuclide in the source, or sources, is divided by the amount mentioned in column 4 of Part 2 of Schedule 2 (of the Regulations) for that kind of nuclide, the total of the results for all nuclides in the source, or sources, is more than 100 but not more than 10 000
	h	Sealed source for training and education purposes of activity more than 40 MBq
Group 3	43	Unsealed source, or sources, in a laboratory or premises, having nuclides such that when the maximum activity of each nuclide in the source, or sources, is divided by the amount mentioned in column 4 of Part 2 of Schedule 2 (of the Regulations) for that kind of nuclide, the total of the results for all nuclides in the source, or sources, is more than 10 000 but not more than 1 000 000

¹ Source details are specified in the licence holder's inventory of controlled apparatus and controlled material.

² Group and item of controlled apparatus or controlled material as set out in Part 1 of Schedule 3C of the Regulations. Where controlled apparatus or controlled material does not match a specific item, group allocation has been made on the basis of assessment of hazard

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Schedule 2 Licence Conditions

Source Inventory

1. The licence holder must maintain an up to date, accurate inventory of all controlled apparatus and controlled material in a form acceptable to the CEO of ARPANSA.

Compliance Reporting

2. The licence holder must provide to the CEO of ARPANSA within twenty-eight (28) days of the end of each quarter, or such other period as determined by the CEO of ARPANSA, and in a form acceptable to the CEO, information about compliance for the previous quarter year.

Training

3. The licence holder must ensure that any person who deals with the controlled apparatus and controlled material has received appropriate training in radiation safety and training with respect to use or operation of the controlled apparatus and controlled material authorised by this licence.
4. The licence holder must ensure that any person who repairs or maintains controlled apparatus and controlled material has appropriate qualifications and training with respect to the controlled apparatus and controlled material authorised by this licence.

Work Practices

5. The licence holder must ensure that appropriate work procedures, records and practices in relation to the controlled apparatus and controlled material are documented, maintained, approved by the licence holder's safety committee or radiation safety officer, and followed.

Standards and Codes of Practice

6. The licence holder must ensure compliance with relevant sections of the following standards and codes of practice as they pertain to the controlled apparatus and controlled material authorised by this licence:

Relevant Standards and Codes of Practice	Item from Schedule 1 to which condition applies
(a) Radiation Protection Series No. 1 <i>Recommendations for Limiting Exposure to Ionizing Radiation (1995) and National Standard for Limiting Occupational Exposure to Ionizing Radiation (republished 2002)</i>	1, 6, 8, 25, 31, 43, g, h
(b) Australian Standard <i>Safety in Laboratories - Ionizing Radiations (1998) (AS 2243.4-1998)</i>	
(c) Radiation Protection Series No. 12 <i>Radiation Protection Standard for Occupational Exposure to Ultraviolet Radiation (2006)</i>	22

**Schedule 2 continued
Licence Conditions**

Relevant Standards and Codes of Practice	Item from Schedule 1 to which condition applies
(d) <i>Radiation Health Series 13 Code of practice for the disposal of radioactive wastes by the user (1985)</i>	8, 31, 43
(e) <i>Australian/New Zealand Standard Safety in laboratories - Non-ionizing radiations-Electromagnetic, sound and ultrasound (2004) (AS/NZS 2243.5:2004)</i>	22
(f) <i>Australian/New Zealand Standard Safety of laser products Part 1: Equipment classification (AS/NZS IEC 60825-1:2011)</i>	23
(g) <i>Australian/New Zealand Standard Safety of laser products Part 14: A user's guide (AS/NZS IEC 60825-14:2011)</i>	