

ROAD/RAIL/INLAND WATERWAYS CONSIGNOR'S DECLARATION FOR DANGEROUS GOODS

**CLASS 7 RADIOACTIVE MATERIAL**

TWO COMPLETED AND SIGNED COPIES OF THIS DECLARATION MUST BE PROVIDED TO THE CARRIER

<b>CONSIGNOR</b> (SENDER'S NAME AND ADDRESS):	<b>NAME OF TRANSPORTING COMPANY AND CONSIGNMENT No.</b>
	<b>CONSIGNOR'S REFERENCE No.</b>
<b>CONSIGNEE</b> (RECEIVER'S NAME AND ADDRESS):	<b>INLAND WATERWAYS USE ONLY</b>
	PORT OF LOADING .....
	DATE OF LOADING.....
	PORT OF DISCHARGE .....
	VESSEL.....
	CONTAINER No.....

**NATURE AND QUANTITY OF RADIOACTIVE MATERIAL**

See applicable Codes: International Atomic Energy Agency (IAEA) — Safety Requirements No. TS-R-1 (2005) and the Code of Practice for Safe Transport of Radioactive Material 2008 ("The Transport Code")

PROPER SHIPPING NAME <small>Refer overleaf</small>	UNITED NATIONS DANGEROUS GOODS CLASS	UNITED NATIONS NUMBER	SUBSIDIARY RISK <small>(if applicable) Classes 1 to 8</small>	RADIONUCLIDE <small>Name or symbol of each radionuclide e.g. Iridium-192, Ir-192 or <sup>192</sup>Ir</small>	PHYSICAL AND CHEMICAL FORM <small>"special form" or "low dispersible radioactive material" is acceptable, if applicable</small>	MAX ACTIVITY OF RADIOACTIVE CONTENTS <small>in Becquerel units (Bq) with appropriate SI prefix or Mass in grams (g) for fissile material</small>
	<b>7</b>	UN				
CATEGORY OF PACKAGE <small>Delete category not applicable</small>	TRANSPORT INDEX <small>Definition: 100 times the maximum radiation dose in millisievert per hour (mSv/h) at 1 metre  For Yellow hazard categories only</small>	CRITICALITY SAFETY INDEX <small>For fissile material only</small>	COMPETENT AUTHORITY APPROVAL CERTIFICATE NUMBER(S) <small>required for special form r/a material, low dispersible r/a material, special arrangement, package design or shipment</small>	NUMBER OF PACKAGES <small>Information to be repeated for each package</small>	EXCLUSIVE USE SHIPMENT <small>Delete category not applicable</small>	TOTAL ACTIVITY OF THE CONSIGNMENT <small>(for LSA-II, LSA-III, SCO-I or SCO-II only)  Multiple of A<sub>2</sub></small>
I-WHITE OR II-YELLOW OR III-YELLOW					YES or NO	

**WARNING**

FAILURE TO COMPLY IN ALL RESPECTS WITH THE APPLICABLE RADIOACTIVE MATERIALS TRANSPORT REGULATIONS MAY BE IN BREACH OF THE APPLICABLE LAW, SUBJECT TO LEGAL PENALTIES. THIS DECLARATION MUST NOT, IN ANY CIRCUMSTANCES, BE COMPLETED AND/OR SIGNED BY A CONSOLIDATOR, A FORWARDER OR CARGO AGENT.

I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY THE PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED AND LABELLED, AND ARE IN ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY ROAD/RAIL/INLAND WATERWAYS (check transport mode/s below) ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENTAL REGULATIONS.

ROAD  RAIL  INLAND WATERWAYS

NAME OF CONSIGNOR: (PLEASE PRINT)

.....

POSITION .....

SIGNATURE .....

(SEE ABOVE WARNING)

DATE .....

ADDITIONAL HANDLING INFORMATION (e.g. Schedule Number, Special arrangements, Exclusive use, other information)

SEE REVERSE FOR INFORMATION FOR CARRIERS AND EMERGENCY PROCEDURES

# INFORMATION FOR CARRIERS

## HANDLING RULES

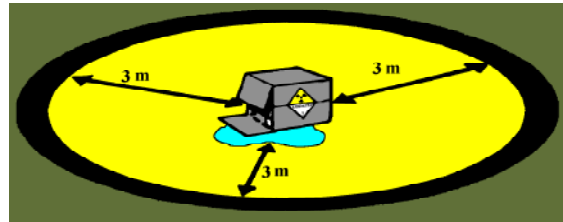
Radioactive materials presented for transportation are packaged in accordance with the IAEA Regulations which ensure that they are safe to handle under normal conditions. Nevertheless, to prevent unnecessary exposure to radiation there are certain basic rules which should be followed as the radiation exposure received will depend on how long and how close a person remains near the packages containing radioactive materials. To minimise radiation exposures:

- Keep contact time with the package short.
- Radioactive material package should be handled a without delay — keep it moving.
- Do not stand around, sit near or sit on a radioactive material package.
- Do not carry out time-consuming tasks, such as paperwork, near a package.
- Keep yourself and other persons as far away as practicable from packages containing radioactive material.
- Store packages well away from offices, rest rooms and occupied work areas
- When transporting packages containing radioactive material any long distance, use a vehicle that will allow you to keep a metre or more between you and the packages.
- Secure packages so that they will not move during transport — small, light packages should be stored in a basket while larger, heavy packages should be properly blocked and braced.
- Do not store in the one location packages with transport indexes that add up to more than 50. You will find the transport index written on the Yellow Category II or Category III label.

## IN CASE OF ACCIDENT

If a radioactive material package has been damaged, and you suspect that the damage may allow leakage of radiation or spillage of radioactive material:

- Stay away from the package and **do not touch it**.
- Keep other people away from it.
- Notify your supervisor or manager, also inform them of any person who might have been contaminated — they will call for expert technical help if necessary.
- Tell anybody who might have touched the damaged package to report to the supervisor or manager — they will arrange the necessary action.
- Wash your hands thoroughly if you have touched the damaged package or objects near it and tell the supervisor or manager of your possible contamination by radioactive material.
- Have yourself checked for possible contamination before you leave work.
- Note any vehicles involved in the accident — the vehicles should remain at the accident site until cleared by the police or a competent person.
- **Do not** eat or smoke or drink or leave until checked for possible contamination.
- Advise the competent authority of details of the accident as soon as possible and follow any instructions subsequently issued.



**EMERGENCIES:**  
AFTER HOURS CONTACT POLICE OR FIRE BRIGADE

## AUSTRALIAN COMPETENT AUTHORITIES FOR THE TRANSPORT OF RADIOACTIVE MATERIAL BY ROAD/RAIL/INLAND WATERWAYS

COMMONWEALTH STATE/TERRITORY	CONTACT	COMPETENT AUTHORITY
Commonwealth	Chief Executive Officer ARPANSA PO Box 655 Miranda NSW 1490 Tel: (02) 9541 8333 Fax: (02) 9541 8348 Email: <a href="mailto:info@arpansa.gov.au">info@arpansa.gov.au</a>	Australian Radiation Protection and Nuclear Safety Agency (ARPANSA)
Australian Capital Territory	Director Health Protection Service Locked Bag 5 Weston Creek ACT 2611 Tel: (02) 6205 1700 Fax: (02) 6205 1705 Email: <a href="mailto:hps@act.gov.au">hps@act.gov.au</a>	Australian Capital Territory Radiation Council
New South Wales	Manager Hazardous Materials and Radiation PO Box A290 Sydney South NSW 1232 Tel: (02) 9995 5000 Fax: (02) 9995 6603 Email: <a href="mailto:radiation@environment.nsw.gov.au">radiation@environment.nsw.gov.au</a>	Department of Environment, Climate Change and Water
Northern Territory (i) for radioactive ores and concentrates	Chief Inspector – Radioactive Ores and Concentrates (Packaging and Transport) NT WorkSafe Department of Justice GPO Box 1722 Darwin NT 0801 Tel: (08) 8999 5010 Fax: (08) 8999 5141 Email: <a href="mailto:neil.watson@nt.gov.au">neil.watson@nt.gov.au</a>	Work Health Authority
(ii) for all other radioactive substances	Manager Radiation Protection Department of Health & Families GPO Box 40596 Casuarina NT 0811 Tel: (08) 8922 7152 Fax: (08) 8922 7334 Email: <a href="mailto:envirohealth@nt.gov.au">envirohealth@nt.gov.au</a>	Department of Health and Families
Queensland	Director, Radiation Health Unit Queensland Health PO Box 2368 Fortitude Valley BC QLD 4006 Tel: (07) 3328 9987 Fax: (07) 3328 9622 Email: <a href="mailto:radiation_health@health.qld.gov.au">radiation_health@health.qld.gov.au</a>	Queensland Health
South Australia	Director, Radiation Protection Division Environment Protection Authority PO Box 2607 Adelaide SA 5001 Tel: (08) 8463 7814 Fax: (08) 8124 4671 Email: <a href="mailto:radiationprotection@epa.sa.gov.au">radiationprotection@epa.sa.gov.au</a>	Minister for Environment & Conservation
Tasmania	Senior Health Physicist, Health Physics Branch Department of Health & Human Services GPO Box 125B Hobart TAS 7001 Tel: (03) 6222 7256 Fax: (03) 6222 7257 Email: <a href="mailto:health.physics@dhhs.tas.gov.au">health.physics@dhhs.tas.gov.au</a>	Director of Public Health
Victoria	Team Leader, Radiation Safety Department of Health GPO Box 4057 Melbourne VIC 3001 Tel: 1300 767 469 Fax: 1300 769 274 Email: <a href="mailto:radiation.safety@dhs.vic.gov.au">radiation.safety@dhs.vic.gov.au</a>	Secretary, Department of Health
Western Australia	The Secretary, Radiological Council Locked Bag 2006 PO Nedlands WA 6009 Tel: (08) 9346 2260 Fax: (08) 9381 1423 Email: <a href="mailto:radiation.health@health.wa.gov.au">radiation.health@health.wa.gov.au</a>	Radiological Council

## DANGEROUS GOODS CLASS LOADING RESTRICTIONS FOR ROAD AND RAIL

(Australian Dangerous Goods Code Sixth Edition 1998 – Clause 9.2.7)

- The requirements of this clause are additional to those of the Australian Code of Practice for the Safe Transport of Radioactive Material.
- Dangerous goods of Class 7 must be separated from other placard loads of dangerous goods and rolling stock listed below by at least:
  - 24 metres from:
    - dangerous goods of Class 1 or 2.1
    - locomotive in power
    - guard's brake van
    - wagon loaded with logs, rails, beams, pipes etc. without bulkhead
    - vehicle carrying passengers;
  - 12 metres from:
    - dangerous goods of Class 3, 4, 5, or 8
    - operating refrigerated container.

UN NUMBER	PROPER SHIPPING NAME and description	Subsidiary risks
2910	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – LIMITED QUANTITY OF MATERIAL	
2911	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – INSTRUMENTS or ARTICLES	
2909	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – ARTICLES MANUFACTURED FROM NATURAL URANIUM or DEPLETED URANIUM or NATURAL THORIUM	
2908	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – EMPTY PACKAGING	
2912	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I) non fissile or fissile-excepted *	
3321	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) non fissile or fissile-excepted *	
3322	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III) non fissile or fissile-excepted *	
2913	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II) non fissile or fissile-excepted *	
2915	RADIOACTIVE MATERIAL, TYPE A PACKAGE, non-special form, non fissile or fissile-excepted *	
3332	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, non fissile or fissile-excepted *	
2916	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, non fissile or fissile-excepted *	
2917	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, non fissile or fissile-excepted *	
3323	RADIOACTIVE MATERIAL, TYPE C PACKAGE, non fissile or fissile-excepted *	
2919	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, non fissile or fissile-excepted *	
2978	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE non fissile or fissile-excepted *	corrosive (UN Class 8)
3324	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE	
3325	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), FISSILE	
3326	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), FISSILE	
3327	RADIOACTIVE MATERIAL, TYPE A PACKAGE, FISSILE non-special form	
3333	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, FISSILE	
3328	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, FISSILE	
3329	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, FISSILE	
3330	RADIOACTIVE MATERIAL, TYPE C PACKAGE, FISSILE	
3331	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE	
2977	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, FISSILE	corrosive (UN Class 8)

\* "Fissile-excepted" applies only to those packages complying with para. 672 of The Transport Code.