

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

**NATURE AND QUANTITY OF RADIOACTIVE MATERIAL**

See applicable Codes: International Atomic Energy Agency (IAEA) — Specific Safety Requirements No. SSR-6 (2012) and the Code for the Safe Transport of Radioactive Material 2014 (Transport Code)

United Nations No.	UN	PROPER SHIPPING NAME (Refer overleaf)		UNITED NATIONS DANGEROUS GOODS CLASS	<b>7</b>	SUBSIDIARY RISK (if applicable) Classes 1 to 8		RADIONUCLIDE Name or symbol of each radionuclide e.g. Iridium-192, Ir-192 or <sup>192</sup> Ir		PHYSICAL AND CHEMICAL FORM "special form" or "low dispersible radioactive material" is acceptable, if applicable		MAX ACTIVITY OF RADIOACTIVE CONTENTS in Becquerel units (Bq) with appropriate SI prefix OR Mass in grams (g) for fissile material	
CATEGORY OF PACKAGE I-WHITE II-YELLOW III-YELLOW or N/A	CATEGORY	TRANSPORT INDEX Definition: 100 times the maximum radiation dose in millisievert per hour (mSv/h) at 1 metre  For Yellow hazard categories only		CRITICALITY SAFETY INDEX  For fissile material only		COMPETENT AUTHORITY APPROVAL CERTIFICATE NUMBER(S)  required for special form r/a material, low dispersible r/a material, special arrangement, package design or shipment		NUMBER OF PACKAGES  Information to be repeated for each package		PACKAGE TYPE  eg. IP-1, IP-2, Type A, B(U)		EXCLUSIVE USE SHIPMENT  Delete category not applicable	<input type="checkbox"/> YES  <input type="checkbox"/> NO  TOTAL ACTIVITY OF THE CONSIGNMENT  (for LSA-II, LSA-III, SCO-I, SCO-II or SCO-III only)  Multiple of A2

**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.

**NAME OF CONSIGNOR: (PLEASE PRINT)**

**POSITION:**

ROAD

RAIL

INLAND WATERWAYS

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 material (RAM) presented for transport is packaged in accordance with the IAEA Regulations which ensures that it is safe to handle under normal conditions. Nevertheless, to prevent unnecessary exposure to radiation there are certain basic rules that should be followed as the radiation exposure received will depend on how long and how close a person remains near packages containing RAM. To minimise radiation exposure:

- Contact time with the package should be kept short.
- RAM packages should be handled without delay — keep it moving.
- No-one should stand around, sit near or sit on a RAM package.
- Time consuming tasks, such as paperwork, should not be carried out near a RAM package.
- All personnel should be kept as far away as practicable from packages containing RAM.
- RAM packages should be stored well away from offices, rest rooms and occupied work areas.
- When transporting RAM packages any long distance, the vehicle used should allow the driver to maintain a distance of at least a metre or more from the packages.
- RAM packages should be secured 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.
- RAM packages must not be stored in the one location with transport indexes that add up to more than 50. (The transport index is written on the Yellow Category II or Category III label.)

### DANGEROUS GOODS CLASS LOADING RESTRICTIONS FOR ROAD AND RAIL

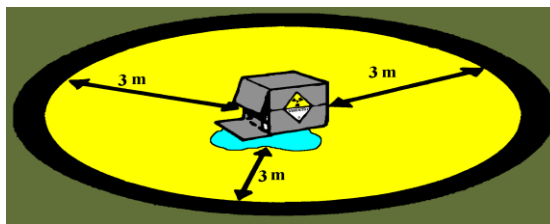
(UN Recommendations on the Transport of Dangerous Goods – Model Regulations Eighteenth revised edition)

- (1) The requirements of this clause are additional to those of the Australian Code for the Safe Transport of Radioactive Material in relation to the compatibility of radioactive material with other dangerous goods, food, undeveloped photographic film and personnel.
- (2) Radioactive material must be segregated from other incompatible dangerous goods so as to minimise hazards in the event of accidental leakage, spillage or other accident.
- (3) Whenever other dangerous goods are stowed with radioactive material, the most stringent segregation provisions for any of the goods apply.

## IN CASE OF ACCIDENT

If a RAM 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 RAM.
- 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 8314 Email: info@arpansa.gov.au	Australian Radiation Protection and Nuclear Safety Agency (ARPANSA)
Australian Capital Territory	Director, Environment and Radiation Safety Health Protection Service ACT Health Directorate Locked Bag 5005 Weston Creek ACT 2611 Tel: (02) 5124 9700 Fax: (02) 5124 5554 Email: hps@act.gov.au	Australian Capital Territory Radiation Council
New South Wales	Manager Hazardous Materials, Chemicals and Radiation Environment Protection Authority PO Box A290 Sydney South NSW 1232 Tel: (02) 9995 5959 Fax: (02) 9995 6603 Email: radiation@epa.nsw.gov.au	Environment Protection Authority
Northern Territory (i) for radioactive ores and concentrates	Chief Inspector – Radioactive Ores and Concentrate (Packaging and Transport) NT WorkSafe GPO Box 1722 Darwin NT 0801 Tel: 1800 019 115 Email: ntworksafe@nt.gov.au	Work Health Authority
(ii) for all other radioactive substances	Manager Radiation Protection Radiation Protection Section Department of Health GPO Box 40596 Casuarina NT 0811 Tel: (08) 8922 7152 Fax: (08) 8922 7334 Email: envirohealth@nt.gov.au	Department of Health
Queensland	Director, Radiation Health Department of Health PO Box 2368 Fortitude Valley BC QLD 4006 Tel: (07) 3328 9310 Fax: (07) 3328 9622 Email: radiation_health@health.qld.gov.au	Department of Health
South Australia	Manager, Radiation Protection Environment Protection Authority GPO Box 2607 Adelaide SA 5001 Tel: (08) 8463 7826 Fax: (08) 8124 4671 Email: radiationprotection@epa.sa.gov.au	Minister for Sustainability, Environment and Conservation
Tasmania	Principal Health Physicist, Radiation Protection Unit Department of Health & Human Services GPO Box 125 Hobart TAS 7001 Tel: (03) 6222 7256 Fax: (03) 6222 7257 Email: radiation.protection@dhhs.tas.gov.au	Director of Public Health
Victoria	Team Leader, Radiation Safety Department of Health GPO Box 4541 Melbourne VIC 3001 Tel: 1300 767 469 Fax: 1300 769 274 Email: radiation.safety@health.vic.gov.au	Secretary, Department of Health
Western Australia	Secretary Radiological Council Locked Bag 2006 PO Nedlands WA 6009 Tel: (08) 9222 2000 Email: radiation.health@health.wa.gov.au	Radiological Council

UN NUMBER	PROPER SHIPPING NAME and description <sup>a</sup>
2908	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE — EMPTY PACKAGING
2909	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE — ARTICLES MANUFACTURED FROM NATURAL URANIUM or DEPLETED URANIUM or NATURAL THORIUM
2910	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE — LIMITED QUANTITY OF MATERIAL
2911	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE — INSTRUMENTS or ARTICLES
3507	URANIUM HEXAFLUORIDE, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE, less than 0.1 kg per package, non-fissile or fissile-excepted*
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*
3324	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE
3325	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), FISSILE
2913	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I, SCO-II or SCO-III) non fissile or fissile-excepted*
3326	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), FISSILE
2915	RADIOACTIVE MATERIAL, TYPE A PACKAGE, non-special form, non fissile or fissile-excepted*
3327	RADIOACTIVE MATERIAL, TYPE A PACKAGE, FISSILE non-special form
3332	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, non fissile or fissile-excepted*
3333	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, FISSILE
2916	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, non fissile or fissile-excepted*
3328	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, FISSILE
2917	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, non fissile or fissile-excepted*
3329	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, FISSILE
3323	RADIOACTIVE MATERIAL, TYPE C PACKAGE, non fissile or fissile-excepted*
3330	RADIOACTIVE MATERIAL, TYPE C PACKAGE, FISSILE
2919	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, non fissile or fissile-excepted*
3331	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE
2977	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, FISSILE
2978	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE non fissile or fissile-excepted*

<sup>a</sup> The "PROPER SHIPPING NAME" is found in the column "PROPER SHIPPING NAME and description" and is restricted to that part shown in CAPITAL LETTERS. In the cases of UN 2909, UN 2911, UN 2913 and UN 3326, where alternative proper shipping names are separated by the word "or", only the relevant proper shipping name shall be used.

\* The term "fissile-excepted" refers only to material excepted under para. 417.