 **Radiation Control**   
 Private Bag X62 Enquiries: Admin

**RN781**

BELLVILLE 🕿: 021-957 7472 / 021-015 5511

7535 [radionuclides@sahpra.org.za](mailto:radionuclides@sahpra.org.za)

**APPLICATION FOR AUTHORITY TO IMPORT,   
CONVEY AND CAUSE TO CONVEY RADIOACTIVE NUCLIDES**

IN TERMS OF ARTICLE 3A OF THE HAZARDOUS SUBSTANCES ACT 15 OF 1973

Please quote your file number   
 in all correspondence ⇨

**File No.: Authority No: /**

Submit the completed application **to the email address above,** *not to other members of staff*.

Section A: Details of importer

**A1. Contact details**

|  |
| --- |
| Name of legal entity (RSA-registered company, university, government department, hospital, etc) or  name of natural person in the case of a partnership, sole owner, trust etc. |
| Section, department, branch or practice |
| Company registration No. (or ID No. if a person): |
| 🕿: Email: |
| Address (for correspondence): |

**A2.      Radiation protection officer (RPO) or      Alternate RPO**

|  |  |  |  |
| --- | --- | --- | --- |
| Name: | | | |
| 🕿 (office): | | Email: | |
| 🕿 (cell): | |  | |
| I am aware of and accept my duties  as radiation protection officer: | Signature: | | Date: |

Section B: Details of exporter (in foreign country)

|  |
| --- |
| 1. Exporting country IAEA Member state: Yes  No |
| 2. Name of exporter (person/company) |
| 🕿: Email: |
| 3. Address (for correspondence): |

Section C: Radionuclide details

**C1. Description of radionuclide(s)** (Add an extra sheet if necessary.)

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item No. | **Source** | | | | | Sealed/  Unsealed (S or U) | Form  (e.g. liquid, capsule) | **Use or Equipment \*** (See *options below*) | **Container\*\*** | | |
| Radio-nuclide | Activity  (MBq) | Serial No. | Manufacturer | Supplier | Make | Model | Serial No. |
| *e.g.* | *Cs-137* | *20 TBq* | *123ZYX/098* | *Tedelec Ltd* | *Nukeshop Inc.* | *S* | *Solid* | *Irradiator* | *Tolerado* | *Gamzap 230* | *SA/765* |
| 1 |  |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |  |  |  |

\* **Use or equipment** for which radioactive nuclides are required: afterloading device, alignment gauge, ash monitor, belt mass meter, beta lights, borehole logging, density gauge, dew-point meter, diagnostic, dust monitor, educational, electron capture detector, industrial radiography, irradiator, level gauge, moisture gauge, portable level gauge, pre-ioniser source, reference source, scintillation counter, soil gauge, static eliminators, teletherapy unit, , therapeutic, thickness gauge, tracers, XRF analyser, other. If other, please specify.

\*\* **Container make, model and serial number** are required only if container (equipment) is also being imported.

**C2. Purpose for which the radionuclide is imported:** (Add comments to clarify, as appropriate.)

1. For own use. *Your application (on* ***form RN787)*** *or authority to possess and use the radionuclide(s) specified in Section C1* ***must be attached to this application.***
2. For sale – for *direct delivery* *to end users* in South Africa.

|  |  |  |
| --- | --- | --- |
| If no valid authority number is given in the right-hand column below, the client’s application (**form RN787)** for authority to possess and use the specified radioactive nuclide(s) **must be attached**. | | |
| Items (from C1) | Name of client (end user)**[[1]](#footnote-1)** | Client’s file & authority number (to possess and use these radionuclides) |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

1. For sale – for delivery to a *distributor* in South Africa. Client’s authority to sell the specified radioactive nuclide/s: File No: Authority No:
2. For stock purposes. Your disposal Authority No:
3. For maintenance, repair or calibration in South Africa
4. To be used for contract work in South Africa
5. Returning to the local owner after maintenance, repair or calibration in the foreign country
6. Returning to the local owner after contract work in the foreign country
7. Returning depleted sources to South African supplier for final disposal at NECSA NLM.  
   *Only sources originally manufactured in SA may be sent back to SA for disposal.*
8. For transit through South Africa to (country) *Export application or authority must be attached.*
9. Other –explain

**C3. Category of source(s)** (Refer to Annexure on page 4)

Sealed: 1      2      3      4      5      Unsealed:

**C4. Packaging:** Refer to the IAEA *Regulations for the Safe Transport of Radioactive Material,*[[2]](#footnote-2)sections 421-433.

Type of package: Excepted      Type A      Type B

Description:

Section D: Transport arrangements

**D1. Local transport**

     Private / own company’s vehicle – specify:

     Courier or other transport company: Name of company

Courier company’s authority number (to convey radionuclides):

Will packages be stored at the conveyor’s premises? No  Yes  If yes, for how long?

Address of storage premises

**D2. International transport**

Mode of transport: Air      Sea      Road      Rail

Port of entry: Expected date of entry:

Forwarding company name:

Forwarding company contact person: 🕿:

Will shipment be stored at forwarding company’s premises? No Yes  For how long?

Address of storage premises:

## 

Section E: Declaration (by RPO or Authority Holder)

|  |  |
| --- | --- |
| I, (PLEASE PRINT):  hereby declare that the information supplied is to the best of my knowledge true and correct. | |
| Signature: | Date: |
| Designation: | |

## Annexure: Categorisation of sources

**Category Examples of practices (uses)**

1 Teletherapy, irradiators

2 Industrial radiography, afterloaders (high or medium dose rate)

3 Fixed gauges (level, dredger, conveyor), well-logging gauges

4 Afterloaders (low dose rate), thickness gauges, bone densitometers, static eliminators

5 Low dose rate brachytherapy (eye plaques, permanent implants),   
X-ray fluorescence devices, electron capture devices

1. Clients who are buying only *unsealed* sources need not be listed if the applicant (seller) has a disposal authority to sell/distribute those sources and submits monthly reports. [↑](#footnote-ref-1)
2. Free download: www.iaea.org/publications/8851/regulations-for-the-safe-transport-of-radioactive-material-2012-edition [↑](#footnote-ref-2)