

# TANZANIA ATOMIC ENERGY COMMISSION

(Official Government body responsible for Atomic Energy Matters)

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TANZANIA

*Form TAEC 8(c)*

## ATOMIC ENERGY ACT, No. 7 OF 2003 [PART III SECTION 17]

### APPLICATION FOR AUTHORIZATION TO TRANSPORT RADIOACTIVE MATERIALS

*NB: to avoid delays in evaluation, respond to all questions*

#### PART I: ADMINISTRATIVE INFORMATION

##### PARTICULARS OF APPLICANT:

(i) Legal Name of Institution applying for license			
(ii) Name of legal Head of Institution applying for license			
(iii) Title of the legal Person (e.g. Director, etc)			
(iv) Permanent Postal Address:			
(v) Telephone Numbers:	Mobile:	office	Individual
(vi) Fax Number:		E-mail Address:	
(vii) Person to be contacted regarding this application <i>(If different from the above):</i>	Title	Mobile	Email Address

**PART II: TECHNICAL DETAILS OF EQUIPMENT/DEVICE CONTAINING RADIOACTIVE MATERIALS**

1. Details of the radiation devices/radioactive materials to be transported: (Fill only the applicable part between part (a), (b) and (c). The part which is not applicable write **N/A**)

1.1. For Sealed Radioactive Sources

Equipment/device with Radioactive sources incorporated			Radionuclide e.g. Am-241	Source S/No.	Activity	Activity Date
Manufacturer	Device Model	Device S/No.				

*(If Space is not enough attach a separate sheet), (Attach copy of Manufacture's certificates of the Radioactive sources)*

1.1.1 Identify the application or use

Application/use (e.g. Non Destructive Testing – NDT, Oil well Logging, Density/Moisture gauge (..), Thickness Control, etc)
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1.1.2 For radiotherapy then give details of:

Name and address of manufacturer,	Country of manufacturer	Year of manufacture	Number of source installed	Maximum design activity	Total activity installed	Supplier of the sources

*(Attach copy of Manufacture's certificates of the Radioactive sources)*

(a) For Unsealed Radioactive Sources

Radionuclide (eg. Carbon-14)	Maximum activity (eg. 20 kBq)	Physical and Chemical form (e.g. solid/liquid/gas & chemical name)	Use and method of application (e.g. Tracer study of oil well)

2. Location where the device(s)/source(s) will be transferred.

From:		To:	
Region:	District:	Region:	District:
Street/area:	Building No.	Street/area:	Building No.
Give details of the preparations made with regard to safety for premises at the end point or establishment (if transport is within the country) where the equipment or radioactive materials will be stored managed or used:			

**PART III: RADIATION PROTECTION, SAFETY AND SECURITY PROGRAM**

1. Transportation of Radioactive Materials

a) If you will be transporting or shipping new or used sources, describe your arrangements for preparation and transport of packages containing radioactive sources (Packaging and Transport of Radioactive Materials Regulations, 2011). These procedures should address: documentation of package certification, package surveys, transfer and receipt documents, and details of shipments preparation.
b) Arrangements (proposed route) for transport from entry point to establishment or establishment to exit.
c) Explain the means of transport out/into the country (i.e air, road, rail sea etc):
d) The proposed security plan during the transportation of radioactive sources:
e) Give details of vehicle, company and personel responsible for the conveyance of the radioactive materials package(s):

2. Emergency procedures

Provide your emergency procedures to address emergencies such as substantial accidental exposure of an individual, potential damage to the source, safety control system, loss of the source shielding or any other emergencies envisaged.

*(Please attach a copy of Radiation Protection Program)*

3. Give details of qualified experts who will use the device or radioactive materials.

Full Name	Qualification(e.g. Certificate/Diploma/degree)	Trained on Radiation Safety/Protection? (Yes/No)

4. Give relevant details of any contract(s) with supplier particularly with regards to:-

a) Installation and Training of operators:
b) Service and maintenance of the device (Give the organization name and address) including warranty.
c) Return or change of source after useful life

**DECLARATION**

**LEGAL PERSON/HEAD OF THE CENTER OR REPRESENTATIVE:**

I declare that I have read and understood the Atomic Energy (Protection from Ionizing Radiation) Regulations, 2004 and that the information provided is true and correct

Name: ..... Signature: .....

Title: ..... Date: .....

***OFFICIAL STAMP OR SEAL:***

**For Official Use Only**

- (i) Date at which application form was Received:.....
- (ii) Date at which the Application was evaluated: .....
- (iii) Licence / Registration No.:.....
- (iv) General Remarks and/or Comments .....
- .....
- .....