



AERB/RSD/GC-1

Government of India
Atomic Energy Regulatory Board
Radiological Safety Division

Niyamak Bhavan,
Anushaktinagar, Mumbai 400 094

**APPLICATION FOR PERMISSION TO OBTAIN AND HANDLE
DRY SOURCE STORAGE GAMMA IRRADIATORS – LEVEL-1**

- a) *This application would be considered by the competent authority for issuance of authorisation (Licence) for handling radioactive materials, under the Radiation Protection Rules, 1971 (RPR). For the text of RPR, refer to our website: www.aerb.gov.in*
- b) *Attach extra sheets wherever required.*
- c) *This form is intended to enable AERB to assess the suitability of the institution for procurement and use of the radioactive material (hereinafter referred to as “source”)*
- d) *The duly completed form should be sent to Head, Radiological Safety Division (RSD), AERB, Niyamak Bhavan, Anushaktinagar, Mumbai-400094 with the necessary documents.*
- e) *Incomplete applications and those without all relevant documents are liable to be rejected.*

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1. (a) Name and designation of the Applicant :
[Applicant is the person in whose name the authorisation (licence) to handle the source may be issued, under RPR, and would have the responsibilities of “**licensee**” prescribed in RPR.]
(b) Name and address of the Institution :
Telephone :
Fax :
Email :
2. Department and location where the source will be used :
3. Name & Designation of the Head of the Institution
[The head of the institution is the person who would have the responsibilities of “**employer**” prescribed in RPR.] :
4. (a) Whether this application is for a fresh source or for the replacement of a source : Fresh Source / Replacement Source
(b) If it is for a replacement source whether permission for disposal has been obtained from AERB : Yes / No / Not Applicable
5. Name and designation of the individual who is entrusted with day to day administration of radiation :
protection in the department and responsible in case of emergency. : Telephone No. - Office :
Residence :
6. Object of the study/studies for which the source(s) are/is required *:

7. Details of proposed dry source storage gamma irradiator(s) – Level-1 to be used in the study:

Sr. No.	Isotope Physical & Chemical Form	Total Activity required	Make, Model and Sr. No. of gamma irradiator(s) – Level-1	Purpose of use	Name of supplier and address	Reference no. of Type approval certificate issued by AERB

8. Details of dry source storage gamma irradiator(s) – Level-1 already in the possession of the institution:

Sr. No.	Isotope	Activity	Make, Model and Sr. No. of gamma irradiator(s) – Level-1	Authorisation / NOC reference	Name of supplier and address	Date of procurement

9. Particulars of persons who may handle the source:

Sr. No.	Name of the person	Qualification & Experience in the use of radioisotopes	If PMS service is available, indicate PMS No.

- PMS: Personal Monitoring Service

10. Details of trained person on radiation safety available for operation:

Name of Trained person	Qualification	Experience on radiation safety

11. Particulars relating to the facility where the source is proposed to be handled:

- (a) Layout of the laboratory where the Gamma irradiator level-1 is proposed to be installed indicating clearly the nature of occupancies in the immediate vicinity (Please attach Blue prints).
- (b) Details of handling equipment available with the institution:
- (c) Details of radiation monitors is available in working condition:

Make	Model	Sr. No.	Range of the monitor

12. I wish to state that the following installation requirements regarding installation of dry source storage Gamma Irradiators – Level-1 are already complied with by us:

- a) Room Size (4Mx4Mx4M) : Yes/No
- b) Door Size (1.2Mx2M) : Yes/No
- c) Pit Size (35cm dia x 70cm depth) : Yes/No
- d) Floor loading capacity (10MT per Square Meter) : Yes/No
- e) Power supply (220/230V, 50Hz, 10Amps, Single Phase) : Yes/No.

13..I hereby furnish the following undertaking: -

- a) The radiation sources will not be used for purposes and at places other than those specified in this application form.
- b) The safety and the security of the source would be ensured by the employer (Head of the institution).
- c) Periodic safety status report shall be furnished by the consentee (person in whose name authorisation would be issued) to AERB in the prescribed format.
- d) All personnel working with the sources would be provided by the employer with protective and monitoring devices prescribed by AERB.
- e) The radiation sources will be not be sold, rented, transferred or otherwise disposed off to any other institution without obtaining prior permission from AERB.

- f) The decayed sources will be returned to the original supplier for disposal in accordance with the procedures prescribed by AERB.
- g) The source will not be moved out of the location specified in this application without obtaining prior permission from AERB.
- h) If there is any incident involving the source, the particulars would be reported to AERB within 24 hours of the occurrence of the incident.

Signature of the Applicant
Name :
Designation:

Signature of Head of the Institution
Name:

Place :
Date:

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