

[see rule 15(1)]

Government of India
Atomic Energy Regulatory Board

Application for Authorisation for disposal of Radioactive Waste by small installations

1. Name & Address of the Applicant :
2. Name of the Head of the installation :
3. Department in which the radiation sources will be disposed of :
4. Name and designation of the Head of the Department :
5. Name of the individual who is entrusted with day to day administration of radiation protection in the department (Radiological Safety Officer) :

* Complete address of the installation with Telephone No. (during and outside office hours) and telex number, if any, may please be provided in the space provided below :

6. Are the persons doing radiation work members of the Personnel Monitoring Service ? If so, please give details :
7. Give details of the experience, if :

any, of the staff members in handling radioactive waste (in Appendix I).

8. Give details of particulars of radioactive wastes for which the application is made (in Appendix II) :
9. If unsealed radioactive waste is to be disposed of please enclose, :
 - (i) A SITE PLAN of the installation (1:500 scale) making the location of waste disposal installations, the nature of occupancies around these, the neighbouring land utilisation and water resources with the utilisations.
 - (ii) An ARCHITECTURAL BLUEPRINT (1:50 scale) with dimensions of the building housing the waste disposal equipment and systems. Please indicate in the blue print the nature of disposal work carried out in each location. Further, please mark clearly the location of the radioactive waste storage facility, work benches, sinks, fumehoods, decontamination equipment and the points of discharge of radioactive effluents into the environment.
 - (iii) Details of radioactive waste burial/incineration facilities if available.
 - (iv) Details of any special ventilation facilities incorporated (such as fume hood exhausts, general air inlet and exhaust facilities for the rooms etc.)
 - (v) Details of drainage system till it joins the sewerage soak-pit.
 - (vi) Please state whether —
 - (a) (i) the installations shown in the plan are to be built.
 - (ii) existing installations are to be modified as per plan.
 - (iii) Waste disposal facilities already built and fitted up as per plan
 - (b) Are the floor areas of the rooms covered with special material such as linoleum ?
 - (c) Are the work benches covered with stainless steel or polythene sheet ?
 - (d) Are the walls coated with shippable paint or non-porous washable paint ?
10. Proposed procedure for final disposal of radioactive wastes (solid, liquid and gases).
11. List of equipments available with the department (along with their specifications) where the radioactive waste will be handled.
Please give details of equipment available with you under each category.
 - A. Radioactive waste handling equipment.
 - B. Radioactive waste storage facilities (e.g. waste bins, carbouys etc.)

C. Radiation Protection Devices (e.g. lead bricks, remove handling tools, etc.)

D. Radioisotope Laboratory Accessories (e.g. stainless steel trays/sinks, fume hoods, glove boxes, etc.)

E. Radiation Detection/Measurement Equipment (e.g. area survey meters, contamination monitors, counters, etc.)

12. Any additional relevant information :

13. I hereby certify that :

(a) all the statements made above are correct to the best of my knowledge and belief.

(b) the radioactive waste will not be disposed of except as specified under paragraphs 8 and 10 of this form.

(c) radioactive waste will not be moved from the authorised place without prior approval of the competent authority.

(d) decayed, sealed sources will be returned to the supplier only in duly shielded containers as per the advice of the competent authority and after obtaining the necessary safe transport certificate.

(e) full facilities will be accorded by us to any authorised representative of the competent authority to inspect the department in which the radioactive waste will be handled.

(f) personnel monitoring badges will be worn by all persons engaged in radiation work, as required by the competent authority.

(g) the radioactive waste will not be sold, rented or transferred to any other institutions, without prior approval of the competent authority.

(h) all recommendations that may be made from time to time by the competent authority will be duly implemented.

Place _____

Signature and seal of the
Head of the installation.

Date _____