

LICENSING CHECKLIST FOR SMALL IRRADIATORS

This checklist is intended for those applicants wishing to obtain licensure or renewal for utilization of self-contained irradiators (sealed source remains shield at all times, dry storage). Include the information specified below on form RH 2050 or attachments thereto. General information can be found in the guide, form RH 2051.

- Item 1. Name of Applicant:
Specify the name of company, business entity, or individual (if self-employed).
- Item 2. Self-Explanatory
- Item 3. Nuclide, Form, Possession Limit:
- a. Cesium 137, Cobalt 60, etc.
 - b. Sealed sources (XYZ Co., Model 123)
 - c. Number of sources (or arrays) and activity each (in curies)
- Item 4. Proposed Use:
To be used as a component of a JKL, Inc., Model 456 irradiator for sterilization of blood products (specify intended use).
- Item 5. Radiation Safety Officer (RSO) and Users:
Provide a completed form RH 2050A for the RSO and supervisory-users only. If no previous training, specify the training which will be received upon installation by the manufacturer's representative under Item 3, c.
- Items 6-8: Not usually required; consult with the manufacturer.
- Item 9. Provide a diagram showing the proposed (or actual) location of the device. Show adjacent uncontrolled areas and specify security provisions to prevent unauthorized use. Consider dose rates in occupied areas near the device.
- Item 10. Radiation Safety Program
- a. Posting RH 2364 (Notice to Employees) and information where the license and regulations can be found.
 - b. Submit operating and emergency procedures (available from the manufacturer).
 - c. Leak test procedures:

- Specify the frequency (six months)
- Specify the wipe test kit used to collect the sample.
- Specify how the sample will be collected and who will perform the analysis.

Item 11. Not Applicable

Item 12. Waste Disposal: Commit to returning the device to the manufacturer or transfer to another specific licensee.

Item 13. Decommissioning and Decontamination Plans: Commit to thirty (30) day prior notification of your intent to vacate the facility or to relocate the device.

Item 14. Certificate: Signature and title of management individual who can commit policy for the applicant listed in Item 1 above.