**University of Arkansas**

**Office of Environmental Health & Safety**

**APPLICATION FOR RADIONUCLIDE USE FORM 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **APPLICATION CLASS** |[ ]  **New** |[ ]  **Renewal** |[ ]  **Amendment** | **Date** | Click here to enter text. |
| **1. Title of Project** | Click here to enter text. |
| **2. InvestigatorName:** | Click here to enter text. | **Department:** | Click here to enter text. |
| **Title:**  | Click here to enter text. | **Phone:** | Click here to enter text. |
| **Campus Address:** | Click here to enter text. |
|  |  |  |  |
|  **a. Other Project Personnel (Complete supplemental training sheet for each.)** |
|  |  |  |  |
|  **Name:** | Click here to enter text. | **Department:** | Click here to enter text. |
| **Title:**  | Click here to enter text. | **Phone:** | Click here to enter text. |
| **Campus Address:** | Click here to enter text. |
|  |  |  |  |
|  **Name:** | Click here to enter text. | **Department:** | Click here to enter text. |
| **Title:**  | Click here to enter text. | **Phone:** | Click here to enter text. |
| **Campus Address:** | Click here to enter text. |
|  |  |  |  |
| **3. Radioactive materials to be used:** |
|  | ***Nuclide*** | ***Physical/Chemical Forms*** | ***Maximum amount in possession (mCi)*** |  |
|  | Click here to enter text. | Click here to enter text. | Click here to enter text. |  |
|  | Click here to enter text. | Click here to enter text. | Click here to enter text. |  |
|  | Click here to enter text. | Click here to enter text. | Click here to enter text. |  |
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|  | Click here to enter text. | Click here to enter text. | Click here to enter text. |  |
|  |  |  |  |
| **4. Radionuclide usage and disposal** |
|  **a. Location(s) of use:** | Click here to enter text. |
|  **b. Location(s) of storage:** | Click here to enter text. |
|  **c. Duration of use:** | Click here to enter text. |
|  **d. Ci/experiment** | Click here to enter text. |
|  **e. Waste Disposal[[1]](#footnote-1)** | Click here to enter text. |
|  | ***mCi/month and volume (gals. or lbs.)*** |  |
|  | ***Nuclide*** | ***Dry Waste*** | ***Liquid Scintillation*** | ***Aqueous Liquid*** | ***Non-aqueous liquid*** |  |
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|  |
| **5. Description of how radionuclides will be used.** (Give special attention to procedures that have potential of contamination, e.g., centrifugation, evolution of gases, vapors, etc.) |
| Click here to enter text. |
|  |
| **6. Radiation Safety procedures to be followed, facilities, and equipment, etc.**  |
|  |  |  |  |  |
|  **a. Procedures to ensure radionuclides are not lost or stolen.** |
| Click here to enter text. |
|  **b. Posting and labeling practices.** |
| Click here to enter text. |
|  **c. Contamination control measures (trays, gloves, absorbent paper, etc.)** |
| Click here to enter text. |
|  **d. Chemical fume hood availability.** |
| Click here to enter text. |
|  **e. Radiation survey meter availability.** |
|  | **Survey meter type** | Click here to enter text. |
|  | **Probe type** | Click here to enter text. |
|  **f. Shielding devices.** |
| Click here to enter text. |
|  **g. Personnel Dosimetry** |
|  |[ ]  **Ring badge** |[ ]  **Body badge** |[ ]  **Bioassay** |[ ]  **Other** |
|  **h. Other** |
| Click here to enter text. |
|  |  |  |  |  |
| **Applicant Signature** |  | Date |  |

1. Review rules for radioactive waste disposal. Radiation Safety Manual, Chapter IX, <https://ehs.uark.edu/DocumentPages/RadiationSafetyManual_2010.pdf> [↑](#footnote-ref-1)