**Radiation Safety Committee (RSC)**

 **RSC#**

(Office Use only)

**California State University, San Bernardino (CSUSB)**

**Project Authorization Form**

1. Title of Project:

2. Principal Investigator:

3. Co-Principal Investigator (if applicable):

4. Department Name:

 Phone Extension #:

5. Project Period begin date: end date

6. Licensee authorization project: California State University at San Bernardino

 under license number 1874-36

7. Radionuclide Used in Project:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source** | **Quantity** | **Form** | **Sealed/Unsealed Source** | **Exempt/****Non-Exempt Quantity** | **Possession Limit of License** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

7. University or other facilities to be used:

8. Will experimental animals be used?

a. If yes, what kind of animals?

b. What is the activity per carcass?

c. What is the method of disposal?

d. Institutional Animal Care and Use Committee (IACUC)

 Date of IACUC approval:

 IACUC approval #:

9. Will an airborne radioactive gas, vapor, or aerosol be generated?

a. If yes, please describe what will become airborne?

b. What is the quantity that will become airborne?

c. How will it be contained?

d. What is the method of disposal?

e. How will it be monitored?

**Hazardous Materials Handling (read before proceeding):**

**Any person handling radioactive material in the project authorization (protocol), even if they may only handle sources occasionally must be trained in the hazards associated with any procedures and must be trained and authorized by the RSO to receive and inspect sources shipments.**

10. Description of the project, including the hazardous operations:

11. Description of methods and equipment used to reduce risks to humans and the

 environment to “as-low-as-practicable” levels. Include training of other

 lab personnel.

12. Will students be involved in the project?

 a. If so, please attach or forward the names of all students involved in this project

 currently or in the future. Include a written description of the training in

 radioisotope use which the students have received.

13. Special requirements from Radiation Safety Officer and Radiation Safety

 Committee.

a. Include the following wording on purchase of order for every purchase of a

radionuclide: “Approval by the Radiation Safety Officer (RSO) Kathy Pierson. **The California Radioactive Materials License Number is: 1874-36.**

After arrival at CSUSB, hold in the Receiving Department until shipment is inspected. Contact Kathy Pierson, RSO at extension 75179 or email kpierson@csusb.edu to make arrangements for inspection of shipment and delivery to authorized user.

14. Requirements for Radionuclide Authorization Use

a. Contact the RSO for disposal of radionuclide.

b. At the end of the project, contact the RSO for pick-up of remaining

 radionuclide and for inspection/survey of the facilities used.

c. Attach a drawing of the room in which the radioisotope will be used. Use this

 drawing to indicate where surveys swipe tests have been done at either the

 end of each laboratory exercise (for classroom), the end of each experiment,

 or at a minimum of monthly intervals.

d. Waste disposal for liquid and dry waste:

i. All liquid waste containing radionuclides will be collected and transferred

 to the RSO after labeling with identity and quantity of the radioisotope.

ii. All dry waste, including gloves, vials, dishes, pipettes, paper towels, and

 bench paper, will be collected and transferred to the RSO after labeling

 with identity and quantity of radioisotope.

Signature of applicant: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Approved by Radiation Safety Officer (RSO)

RSO Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Radiation Safety Committee Chair

RSC Chair Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

cc: Research Compliance Officer

 Applicant

 Radiation Safety Committee Chair

 Radiation Safety Officer