###### Description of Purpose/Use/Experiment/Process

###### Isotope Specifications

* Radionuclide: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Type of radiation: α β γ *neutron*
* Radio toxicity group: 1 2 3 4
* Chemical Form: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Physical Form: *Solid Liquid Gas*
* Maximum activity: to be held at any time \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_MBq, , in use in the experiment: Bq
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

###### Location

* Building name/number:\_\_\_\_\_\_\_\_\_\_\_
* Room number: \_\_\_\_\_\_\_\_\_\_ (storage), \_\_\_\_\_\_\_\_\_\_\_\_\_ (experiment)
* Room characteristics:
* Shielding ***present*** or *to be* ***installed*:**
* Shielding potential: *Good* 🡪*---------*🡪*---------*🡪*Poor*

###### Duty Cycle

The experiment is expected to take \_\_\_\_\_\_\_\_\_\_\_\_ minutes/hours.

The users are expected to be exposed for ***all*** or some (\_\_\_\_\_\_\_\_ %) of the time.

###### Operator Exposure

Not Possible Unlikely Possible Likely Potentially Significant

Discuss:

###### Radiation Protocol/Procedure/Guidelines/Warning Notices

Please attach a copy of the radiation protocol and any guidelines and warning notices to be provided to users.

###### Radiation Waste Disposal Protocol

Please attach a copy of the radiation waste disposal protocol for all wastes generated in this process.

###### Training requirements/recommendations

* Local Induction Program (Tier 2).
* Onsite supervisor/training/instruction.
* ANU radiation safety course.
* Non- radioactive experimental trail run (if this has already been conducted- please provide details/outcomes).
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

###### Personal Protective Equipment to be provided/used

* Safety glasses/Face shield.
* Gloves (type :\_\_\_\_\_\_\_\_\_\_\_\_).
* Lab coat.
* Other: \_\_\_\_\_\_\_\_\_\_\_\_

###### Type of Radiation Monitoring to be conducted

* Personal (OSL Monitor).
* Finger badge.
* Contamination detection.
* Dose rate monitoring.

###### Other Control Measures

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_