



# UNIVERSITY OF ARKANSAS

Office of Environmental Health and Safety  
521 South Razorback Road, Fayetteville, Arkansas 72701  
Phone: 479-575-5448 Fax: 479-575-6474

## Radiological Safety Audit

Building: \_\_\_\_\_

Room: \_\_\_\_\_

Date: \_\_\_\_\_

Person Responsible for Area: \_\_\_\_\_

SIGNAGE/ACCESS				
Items Inspected	Y	N	N/A	Comments
1. Is there limited access, controlled by PI, to the radiation area?				
2. Are specific hazard warnings posted on entry door (NFPA worst case)?				
3. Are radiation warning labels posted in the radiation use, storage or disposal area?				
4. Is PI contact information posted properly?				
5. Is emergency contact information readily available?				
6. Is the signage on the door and inside the lab correct?				
7. Is Ark Notice to Employee form EHAR02 signage conspicuously posted?				
8. Is Ark Notice to Employee form EHAR02 current form?				
FRIDGE & FOOD				
9. Is the Refrigerator properly labeled (e.g. no food storage, no flammable storage) and spark proof where appropriate?				
10. Are 'No Food/Drink' signs conspicuously posted?				
11. Is there evidence of eating and drinking in the lab?				
SINK				
12. Is radioactive sink properly posted?				
13. Do personnel wash hands after work/prior to leaving radionuclide area?				
FUME HOOD				
14. Are fume hoods (1) Regular hood ANSI Z9.5-1992 (2) Low Flow/High Efficiency ASHRAE 110 Protocol?				
15. Are radioactive materials used appropriately in fume hoods?				
PPE AND RADIATION BADGES				
16. Is suitable PPE used in the lab?				
17. Are appropriate gloves available and worn?				
18. Are radiation badges current and worn appropriately?				
RADIOLOGICAL WASTE				
19. Is radioactive waste disposed in a timely manner?				
20. Is radioactive waste handled appropriately?				
21. Is radioactive waste properly segregated/stored according to Section IX of the UA Radiation Manual?				
22. Are radioactive waste tags complete and present?				
23. Is radioactive waste storage area clearly posted?				

<b>RADIOLOGICAL</b>				
<b>Items Inspected</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>	<b>Comments</b>
24. Are the regular trash and glass recycling free of radioactive waste?				
25. Does the lab follow ALARA radiation dose practices?				
26. Is inventory of radioactive material in possession current?				
27. Are laboratory contamination tests for radiological hazard available?				
28. Is the LSC/gamma counter working?				
29. If required, is shielding used?				
30. Is the correct radiation meter selected for use in radiation area as per Section D of UA Radiation Manual?				
31. Is the radiation meter calibration current?				
32. Is the radiation meter functioning properly?				
33. Are hands and lab coats tested with Rad meter upon completion of radiation work?				
34. Are required radiation protocol documents available?				
35. Are radiation use areas demarcated clearly?				
36. Are radiation work surfaces/trays protected by plastic backed absorbent paper?				
37. Is radioactive material adequately security?				
38. Are radioactive material receipt, usage and disposal records current?				
39. Are radiation working areas surveyed after use to see if contamination is present with the appropriate/calibrated counter?				
40. Are survey and wipes being recorded?				
41. Are there materials and supplies handy to clean up minor spills per Section XI of the UA Radiation Manual?				
<b>TRAINING</b>				
42. Is initial hazardous waste training current?				
43. Is radiation safety training completed by the research/ lab group current?				

Auditor: \_\_\_\_\_