

ANNUAL RADIATION SAFETY TRAINING

2017

- Annual radiation safety training is required of all sublicensees and personnel and/or students who work in an area where radiation is produced or sources are utilized.



The biggest change for this year is the way that radioactive wastes are managed in the laboratory.



- These changes will be similar to those which affect chemical waste.



- When radioactive wastes are generated it is placed in temporary storage within the lab where it was generated. This area is designated as a Satellite Accumulation Area (SAA) for radioactive wastes.



- There are a few specific rules that apply to an SAA, but for the most part radioactive waste is managed as it has been for the last few years.



- The SAA must be approved by EHS and designated by signage that will be provided by EHS.



- SAA radioactive waste must be stored in the same room as the material is generated or in an adjacent room under the same sublicensee.



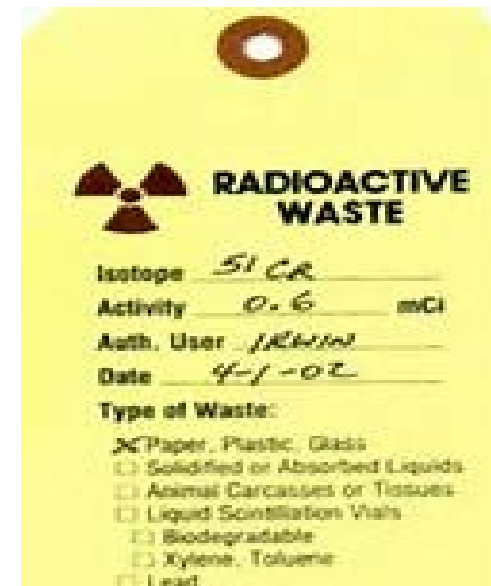
- Containers must be kept closed and only opened when material is being added.



- Containers must not be leaking and must be compatible with the contents.



- Containers must be labeled with the RSO number, isotope and amount of radioactive material present in the container. If chemical wastes are present they must also be identified.



RADIOACTIVE WASTE

Isotope 51 CR

Activity 0.6 mCi

Auth. User JRM/IN

Date 4-1-02

Type of Waste:

☒ Paper, Plastic, Glass

☐ Solidified or Absorbed Liquids

☐ Animal Carcasses or Tissues

☐ Liquid Scintillation Vials

☐ Biodegradable

☐ Xylene, Toluene

☐ Lead

- The way to schedule a pickup is by using the EHS web site. Under the Research heading select radiation safety, then Request Pickup. Material should be picked up by EHS within 3 days of putting it in the SAA.



- Once material is picked up it is taken to the radioactive waste storage area to be processed and stored.



- In the event of a spill or emergency alert others and contact EHS at 348-5905. If needed contact UAPD at 348-5454. EHS has a fully equipped haz mat response team. In the event of a fire evacuate.



- Radioactive waste management is very complex and the regulations are extensive. If you have any questions or need assistance contact EHS at 348-5905.



- These new waste management requirements will take effect January of 2018. EHS will be contacting all affected sublicensees this fall to establish SAA's and review the details.



- EHS has added a new employee who will be working in radiation safety. She is Telisa Goins. She has completed the 40 hour RSO course and has been approved by the state as Assistant RSO.



Completion

- You are almost finished with your annual training for 2017. In order to get credit for completion answer the following 10 questions. Email the answers to EHS along with the information requested on the last slide following question number ten.

- 1. Who is required to complete annual training?
- A. everyone who works with sources of radiation
- B. professors
- C. sublicensees
- D. students

- 2. Radioactive waste is placed _____.
- A. in bags
- B. within the designated SAA for radiation waste
- C. in storage
- D. in specific DOT containers

- 3.The radiation waste SAA is _____.
- A. approved by EHS and designated by signage
- B. located in departmental offices
- C. only for chemical waste
- D. changed annually

- 4. Containers must be _____.
- A. red
- B. emptied when full
- C. 55 gallon drums
- D. kept closed

- 5. Containers must be _____.
- A. 55 gallon drums
- B. red
- C. compatible with the waste
- D. disposable

- 6. Containers are labeled with_____.
- A. RSO number, isotope and amount of activity
- B. room number, PI, protocol number
- C. contents
- D. emergency information

- 7.Schedule a pickup by _____.
- A.contacting the RSO
- B.notifying the Chair of the RCAC
- C.signing up on the waiting list
- D.complete a pickup request on the EHS web site

- 8. _____ is responsible for picking up and managing radioactive waste.
- A. The sublicensee
- B. The NRC
- C. EHS
- D. The Radiation Control Advisory Committee

- 9.If you need assistance with a spill contact _____.
- A. the NRC
- B. your nearest physicist
- C.EHS
- D. housekeeping

- 10.The new radioactive waste requirements will take effect _____.
- A. immediately
- B. Jan 2018
- C. Fall 2018
- D. November 17,2015

- Email your answers to the 10 questions to tgoins@fa.ua.edu along with your name, CWID, the room number and building where you will be working with radiation sources. You must do this to get credit for annual training.