

Idaho State University
Radiation Safety Training
REFRESHER TRAINING TEST

Prepared by the ISU Technical Safety Office
Rev. 9/04

Instructions:

1. Fill out the required information.
 2. Circle the **BEST** answer.
 3. Mail completed test to TSO at Campus Box 8106, or bring it to our office PS room 101A.
 4. We will notify you if you did **NOT PASS** this exam with a 70% or greater.
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Required Information

Name: _____

ISU Department: _____

Phone Number: _____

Email: _____

Do you have a badge (TLD)? Y / N

1. Any question regarding radiation at ISU can be directed to which entity:

- a) Radiation Safety Committee Members
- b) Technical Safety Office
- c) Radiation Safety Officer
- d) All of these are correct.

2. Scenario: You find an injured student in a laboratory with radioactive material. What is your first priority?

- a) panic!
- b) assist the injured student and get help
- c) bioassay
- d) perform a radiation survey of the area

3. Does a pregnant worker HAVE to declare her pregnancy to the University?

- a) Yes, if she wants the lower exposure limits and additional dose monitoring.
- b) No.
- c) Yes, in all cases.
- d) I don't know.

4. Who sets Idaho State University's ALARA Goals?

- a) ISU Radiation Safety Committee
- b) NRC
- c) Radiation Safety Officer
- d) TSO

5. Who has the primary responsibility for ensuring that all workers are adequately trained?

- a) NRC
- b) TSO
- c) Responsible User
- d) Radiation Safety Committee

6. How do you know if you are working in a restricted area?

- a) Responsible user says so.
- b) TSO told me so.
- c) Clearly marked or physical boundary.
- d) It is noted in the survey log.

7. A contamination meter reads 200 counts per minute (cpm) when performing a contamination survey for P-32. The efficiency on the detector states that the efficiency for P-32 is 50%. How many disintegrations per minute is the instrument measuring?

- a) 400 dpm
- b) 200 dpm
- c) 10,000 dpm
- d) 100 dpm

8. How do you know if you are required to perform a bioassay?

- a) Refer to ALI, DAC, and dose conversion book.
- b) TSO tells you to do it.
- c) You have had to do them before.
- d) I don't know.

9. Who is responsible for the inventory and security of radioactive materials in a laboratory?

- a) TSO
- b) Responsible User
- c) Department Chairperson
- d) Stockroom personnel