



USER RESPONSIBILITIES & GUIDELINES FOR WEARING DOSIMETER BADGES/RINGS

If you have been issued a dosimeter, you must wear it at all times during the procedures/operation of equipment for which it is required. **Performing procedures or operating equipment that requires the use of a dosimeter without wearing your assigned dosimeter constitutes unauthorized use.**

Allowing others to use your dosimeter, or wearing someone else's dosimeter while performing procedures/operating equipment that requires dosimetry is unauthorized.

Dosimeters are worn for a defined period of time. It is your responsibility to ensure that your dosimeter(s) are not worn beyond their end date, and to exchange it with the RAM/X-ray principal investigator in a timely fashion.

If you lose a dosimeter or do not turn one in that was issued to you, you are required to submit a log of activities that require dosimetry to the Radiation Safety Office upon request. There is also a \$35 replacement/lost fee.

WHOLE BODY DOSIMETER

Your body badge should always be worn with the detector side (the side with your name printed on it) facing out.

The optimum position for wearing your body badge is the center of the chest/torso. If you wear a lead apron, you are required to wear your dosimeter badge outside of the apron, preferably at the collar level.

IMPORTANT: Do not leave your badge clipped to the apron when not in use

This dosimeter will list a date range – do not wear the dosimeter outside of this date.

Do NOT do the following:

- Place the dosimeter at your neck line, unless it is noted as a collar badge.
- Place the dosimeter on the waist band of your pants or on a necklace/lanyard
- Wear your dosimeter badge when you go home, or out for lunch.

RING DOSIMETER

The ring is to be worn underneath the hand covering (e.g. gloves)

This dosimeter will have a start date. Do not wear the dosimeter before that date, or more than three months after that date. Reference the corresponding whole body dosimeter for the full date range.

The ring is to be worn on the hand which is used to handle the radioactive source.

- If you will be handling the source with your left hand, wear the ring on the left hand.
- If you will be handling the source with your right hand, wear the ring on the right hand.
- If the process you are following requires the use of both hands, wear the ring on the hand which will be used the most often.

The ring is to be worn such that the detector element (the white oval with the print) faces the source of radiation.

- If you will be picking up the radioactive source (e.g., a container of radioactive solution), the detector should be towards the palm of the hand
- If you are working with a beam of radiation (e.g., an x-ray machine or a radiation source configured so that it produces a directional beam), the active dosimeter element should face the direction from which the radiation beam is being produced.



If you have any further questions, please contact your faculty supervisor or the Radiation Safety Office.