



Care and Use of Personal Radiation Dosimetry Devices

The radiation exposure recorded by dosimeters is entered into the occupational dose record of the worker. To ensure that this record is valid and accurate, the following precautions must be observed:

- A dosimeter must only be worn by the individual to whom it has been issued
- When not in use, a dosimeter should be left in a place free from radiation, moisture, and high temperatures
- A dosimeter must not be deliberately exposed to radiation
- The dosimeter packet must not be tampered with
- The Radiation Safety Officer must be notified as soon as possible if there is reason to believe that a dosimeter has been damaged, lost, or accidentally exposed or contaminated

The wearer **MUST**

- Wear the badge at all times while working in any area that is a controlled area for protection purposes
- Leave the badge in a secure, non-radioactive area when not being worn
- Wear only the badge that is designated for them by EHS
- Always wear the badge in the proper holder supplied by EHS. Failure to do so may result in seriously erroneous estimates of dose.
- Ensure that the badge is returned in a timely matter to EHS at the end of the monitoring period

Ring dosimeters (used for measuring beta and gamma dose to the hand) should be worn:

- On the hand which is closest to the radiation source
- So that the label is worn on the palm side of the finger, facing the radiation source

The wearer **MUST NOT**

- Wear or use a badge that has been issued to someone else
- Write on the badge or do anything that may destroy the holder
- Use the badge to monitor areas when the wearer is not present, or place it in any radiation exposure situation that does not reflect the wearer's occupational dose
 - The dosimeters should not receive radiation exposures that are part of the wearer's medical or dental care. These sources are part of occupational exposure.
- Expose the badge to excessive heat or immerse in water

The Dosimetry Service Request must be signed by the wearer to indicate agreement to properly care and use the dosimeters.