Proper Dosimetry Use

Adding a Participant

Dosimeters will only be issued after a Dosimetry Application form has been filed with Environmental Health and Safety. Upon review of the application a dosimeter may be issued.

Rotation of Badges

Dosimeters are issued every three months. Return all used badges for processing as quickly as possible. If a badge has not been worn or used by a participant for that monitoring period, please note that fact on the rotation record. If a participant no longer requires a badge, request that the dosimeter be removed or deactivated.

Storage of Badges

Dosimeters are issued to monitor your occupational dose. All dosimeters should be stored in one location with the control badge in the lab or office. The storage location should be located away from sources of radiation. Typically, a desk drawer or cabinet should be selected. Do not store your badge at your workstation or on the lab bench. Do not take your badge home with you.

Control Badges

Control badges provide a background measure of radiation exposure. Control badges should not be worn by a participant and should be stored in the same location as all other issued badges. Control badges should be rotated at the same time as the participant badges. Control badges are not area monitors and should not be uses as an area monitor.

Ring Badge

A ring badge will be worn on the right or left hand ring finger facing down towards the palm. Typically, if a person is right handed the dosimeter would be worn on the right hand. Please handle the badges with care so that they are not damaged or broken.

Whole body badge

A whole body badge will be worn on the front of the torso between the shoulders and the waist near the portion of the body that is most likely to receive the maximum radiation exposure and under any protective clothing. If a protective apron is worn, the dosimeter should be worn on the collar.

An additional dosimeter will be worn for the purpose it was issued. A dosimeter issued to monitor the eyes will be worn on the collar. A dosimeter issued to monitor an upper extremity exposure will be worn on the sleeve.