

Control Dosimeters

With every shipment of badges, you will receive control dosimeters. The control dosimeters will be labeled “CONTROL DOSIMETER.” See photo below.



Control dosimeters should be stored where the majority of the badges for your group are stored. If you have a badge board for personnel to store badges when not in use, the control dosimeters should be placed on the badge board.

If your group does not already utilize a badge board, Radiation Safety highly recommends that you start using a badge board for your personnel to store badges when not in use. See the photo to the right for an example of a small badge board. Badge Boards come in three sizes. See the “Badge Storage” information sheet for more information on badge boards.



The purpose of control dosimeters is to accurately distinguish an individual’s occupational radiation exposure from variations in background radiation levels such as potential exposure to radiation where dosimeters are stored when not worn; and in transit from the vendor to your location and back again to the vendor for analysis. Therefore, it is very important the control dosimeters be stored in the same location and travel with your badges in every shipment. Proper utilization of the control dosimeters every wear period increases the accuracy of the results. Any dose recorded on the control dosimeters will be subtracted from the badge readings to obtain the most accurate individualized occupational dose reports.

At the end of the wear period (either monthly or quarterly depending on the group) the control dosimeters should be shipped back to us with the majority of your return badges. **IT IS VERY IMPORTANT THAT THE CONTROL DOSIMETERS BE PLACED IN THE BAG OR BOX WITH YOUR RETURN BADGES.**

The dates on the control badges being returned should match the dates on the worn badges being returned.

The only things that should go into a bag or box of return badges are badges, nothing else. Additions, deletions, corrections and other issues should be e-mailed to radiation.safety@osu.edu.

After use, badges should be mailed via Campus or US mail to:
Dosimetry – Radiation Safety
Environmental Health & Safety
1314 Kinnear Road
Columbus, OH 43212

Hospital badges should be returned to the red Badge Return bins in N129 Doan Hall.



If you have any questions, please call 292-4763.