



PROPER WEAR AND CARE OF DOSIMETERS

At Mirion Technologies Dosimetry Services Division we recommend the following guidelines in the care and wear of personal dosimeters. The guidelines will help to ensure accurate dose readings.

CARE

It is important to keep dosimeters away from heat and excessive moisture. Dosimeters should not be worn outside the workplace, or during personal medical procedures.

Companies that implement collecting all dosimeters at the end of each shift and storing them in a central location away from a radiation source can avoid having to replace dosimeters which are accidentally washed with laundry, put into microwave ovens, or left on hot car dashboards by employees.

WEAR

It is important to wear dosimeters properly at work. A good rule of thumb is to point the labeled section of the dosimeter towards the source of the radiation as much as possible.

PROPER BADGE PLACEMENT

- For those employees who assist with dental X-rays, the radiation source will probably be facing the back of the hand. A ring or wrist dosimeter should be worn with the label facing the back of the hand. In the case where the radiation source is from the top, the wrist dosimeter should be worn as shown in the picture “WRIST” on back. Just remember to point the label towards the source of the radiation.
- Employees who work with radiochemicals, or isotopes, the radiation source will probably be facing the palms of their hands; therefore the label should be facing the palm.
- If a whole body badge is worn such as a film or TLD, the label should be facing out as shown in the picture “BADGE” on the back.



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