

Instructions for wearing the set of thermoluminescent dosimeters (TLDs) for exposure in mixed neutron-gamma field

The set contains two dosimeters:

- Harshaw 6776 dosimeter: measurement of the dose equivalent from exposure to neutrons
- Panasonic UD-802AT dosimeter: measurement of the dose equivalent from exposure to photons

IMPORTANT! Wear the dosimeter on the chest with the label on the outside. We recommend that the dosimeter is worn as close to the body as possible. The indication of the neutron dosimeter depends on the distance between the detector and the body surface due to the fact that the dosimeter measures the neutrons spread by the body.

Do not tamper with the dosimeter in any way!

Always wear the dosimeter when working!

Attachment is achieved with the metal clip.

After work and during leave periods, keep the dosimeters outside of the nuclear facility, away from radiation sources and safe from extreme heat sources.

WHAT HAPPENS IF DOSIMETERS ARE LOST?

In case the dosimeters are lost or intentionally physically damaged, a fee is charged for each lost or damaged dosimeter: 300 RON for Harshaw dosimeter and 100 RON for the Panasonic dosimeter.

WHEN IS A DOSIMETER CONSIDERED TO BE LOST?

A dosimeter is considered lost if it was not returned to our laboratory within 60 days from the end of the period for which it was assigned for wearing.

Example: A dosimeter was sent to be worn in January 2014. It is worn in the period 01-31.01.2014. If the dosimeter does not arrive at the laboratory by 15.04.2014, it is considered lost and the loss fee must be paid.

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