

Wallet Card Dosimeter

Supersedes:

Effective: 03-08-05

Effective immediately, all Boston EMS members will be issued a T.L.D. [thermoluminescent dosimeter] wallet card. This device augments personal protective equipment in that it will record exposure with gamma radiation to the wearer. This exposure is measured and recorded by an independent lab, which will provide documentation for the employee.

A T.L.D personal dosimeter card is a *passive* radiation monitor. It does not alarm or alert the wearer to radiation exposure. It does record cumulative exposure to whole body radiation. A T.L.D. is basically similar to the film badge type of dosimeter that radiation technicians wear at work. It will measure and record chronic low level as well as brief high-energy exposures. The department issued MGP2000 personal electronic dosimeter is an *active* monitor that alerts the employee at pre-set levels. It is recommended that both devices be utilized.

OPERATION

Each member will be issued a personalized laminated T.L.D. "wallet" card. The T.L.D. card will have your name and a barcode printed on it. The card also has an issue date from the factory. The card is good for one year. All that is required to record any work related radiation exposure is to keep it on your person while at work. A pocket or wallet are suggested sites to carry it. It is recommended that you always have it on your person in work. If you wish you may carry it all of the time. In that case it will measure any off duty radiation as well.

As the anniversary date approaches, BEMS will issue a new T.L.D. card and the old card will be collected for processing. Alternatively, if there is a suspected exposure or release in the work place, we can collect the cards immediately for an expedited reading. This will determine if an employee was exposed and a permanent record will exist. That exposure record will become part of your confidential health record and be available to you.

SPECIAL CONSIDERATIONS

- Please confine the use of this card to the assigned individual.
- It is recommended that you do not take this card with you during medical procedures involving the use of ionizing radiation.
- If it is lost notify your supervisor.