

## Electronic RAD-60 Dosimeter Procedure

The RAD-60 is a Digital Pocket Alarm Stand Alone Dosimeter designed for use by students who may be exposed to gamma and X-ray radiation during their work.

**The RAD-60 is ready for use. It must be worn in the chest area such as a chest pocket (pocket clip on the outside) with no metal objects in the same pocket.**

### 1. Switch on

Press push button (Black) until all segments are displayed. The dose / rate is displayed within 5 seconds.

Figure 1 -RAD-60 Top view



### 2. Record the start mR

- Complete all the information required on form entitled “**INTEGRATED DOSE FORM FOR THE ELECTRONIC RAD-60 DOSIMETER**” (page 2).
- Important: Record the appropriate serial number of the dosimeter used (located on bottom of dosimeter).
  - Should be one of the following numbers: 313838, 313938, 313941

### 3. Record the Start mR and End mR

- Record the Start time and Start mR prior to working in the exposure field.
- Record the End Time and End mR upon exiting the exposure field / end of work shift.

### 4. Switch off (OFF)

- Push button and hold until “OFF” is displayed (two pushes on the button).
- Hold the button until a bleep is heard and the display goes blank.

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### Replacement of the alkaline battery

- Open the battery compartment cover with a coin or small screwdriver.
- Remove the old battery and replace with new one.
- Use only AAA disposable alkaline battery ONLY – Do not use rechargeable batteries.
- Close the cover. The dosimeter automatically turns on after replacing battery.

### Maintenance and Decontamination

- Contact Radiation Safety if the dosimeter becomes contaminated with radioactive material or is not functioning properly.

