

### **SURVEY METERS**

- a) The employer should ensure that adequate number of duly calibrated appropriate portable radiation survey meters are available and used.
- b) Fixed area/zone monitors should be installed in well logging source storage facilities and IRGD manufacturing/calibration facilities.
- c) Each radiation survey meter should be checked against a known source (e.g. placing the monitor close to the surface of the IRGD/source container when the source is in shielded condition) prior to each use to ensure that it is operating in the correct manner.
- d) The radiation survey meter should:
  - (a) have sufficient measurement range to measure  $1 \mu\text{Sv.h}^{-1}$  to 50 or  $100 \text{mSv.h}^{-1}$ , as appropriate to the radioactive sources used in IRGD; and
  - b) continue to provide visible and/or audible indication, when radiation levels exceed the maximum reading in any measurement range.

Radiation survey meters should be calibrated:

- a. prior to initial use;
- b. at an intervals not exceeding 24 months;
- c. following damage or repairs; and
- d. when calibration is indicated by their performance.

The calibration of a radiation survey meter should be traceable to the national standard laboratory recognised by the Competent Authority.