



## Direct Ion Storage Dosimeters



Direct ion storage dosimeters are passive personnel dosimeters which are read onsite by the facility, typically via the USB port on a computer, in lieu of being returned to the vendor periodically for evaluation. When properly used, these devices comply with the personnel monitoring and reporting requirements listed in Michigan's *Ionizing Radiation Rules Governing the Use of Radiation Machines*. Registrants must ensure that the devices are read at least quarterly.

Radiation dose reports need to include the following information for each occupationally exposed individual: (See form [MIOSHA-RSS-102](#))

- Name
- Identification number
- Birth date
- Period of exposure
- Dose for the period
- Running total for the year

**The *Rules* require registrants to determine and record an individual's cumulative occupational dose. Reports of occupational dose shall be maintained for review during regulatory inspections.**

The device manufacturer will provide instructions explaining how to print or save exposure reports using their product. Once the report is generated, it must be maintained permanently by the facility and be available for inspection by Radiation Safety Section staff.