



## Direct Ion Storage Dosimeters



Direct ion storage dosimeters are passive personnel dosimeters which are read on-site 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 the devices are read at least quarterly. Reports of occupational exposures must also be generated at least quarterly.

Radiation dose reports must 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
- Total accumulated dose

**The *Rules* require registrants to determine and record an individual's cumulative occupational dose. Records 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.