



Michigan Department of Licensing and Regulatory Affairs
Radiation Safety Section



CURRENT OCCUPATIONAL EXTERNAL RADIATION EXPOSURE

(See instructions on reverse side)

MONITORED INDIVIDUAL INFORMATION

1. Name (Print—Last, First, Middle)

2. Identification Number

3. Date of Birth (Month, Day, Year)

REGISTRANT INFORMATION

4. Registrant Name

5. Registration Number

MONITORING INFORMATION

6. Monitoring Period

7. Record Estimate

Start date:

End date:

OCCUPATIONAL RADIATION EXPOSURES

DOSES (sieverts)

8. DEEP DOSE EQUIVALENT (DDE):

9. SHALLOW DOSE EQUIVALENT, WHOLE BODY (SDE, WB):

10. SHALLOW DOSE EQUIVALENT, MAX. EXTREMITY (SDE, ME):

11. EYE DOSE EQUIVALENT TO THE LENS OF THE EYE (LDE):

12. EFFECTIVE DOSE EQUIVALENT (EDE):

13. Comments (Attach additional pages as necessary):

INSTRUCTIONS FOR PREPARATION OF FORM MIOSHA-RSS-102

The preparation and safekeeping of this form or a clear and legible record containing all the information required on this form is required pursuant to R 333.5081 of part 3 "Standards for Protection Against Radiation for Users of Radiation Machines," as a current record of occupational external radiation exposure. Such a record must be maintained for each individual for whom personnel monitoring is required under R 333.5064 of part 3.

Listed below by item are instructions and additional information directly pertinent to completing this form.

Monitored Individual Information

- Item 1. Self-explanatory.
- Item 2. Enter either the individual's social security number or an employer-assigned unique staff identification number that can be correlated to the social security number in the employer's personnel records.
- Item 3. Self-explanatory.

Registrant Information

- Item 4. The name of the registrant as it appears on the facility registration certificate.
- Item 5. The facility registration number on the registration certificate.

Monitoring Information

- Item 6. Doses received over a period of less than a year need not be separately entered on the form provided that the registrant maintains a current record of the doses received by the individual which have not as yet been entered on the form. The minimum acceptable monitoring frequency is once per calendar quarter. The period of exposure should specify the day the measurement of that exposure was initiated and the day on which it was terminated.
- Item 7. Choose "Record" if the dose data listed represents a final determination of the dose received to the best of the registrant's knowledge. Choose "Estimate" only if the listed dose data are preliminary and will be superseded by a final determination resulting in a subsequent report. An example of such an instance would be data based on self-reading dosimeter results and the registrant intends to assign the record dose on the basis of TLD results not yet available.

Occupational Radiation Exposures

- Item 8. Enter the deep dose equivalent (DDE) to the whole body.
- Item 9. Enter the shallow dose equivalent recorded for the skin of the whole body (SDE, WB).
- Item 10. Enter the shallow dose equivalent recorded for the skin of the extremity receiving the maximum dose (SDE, ME).
- Item 11. Enter the lens dose equivalent (LDE) recorded for the lens of the eye.
- Item 12. Enter the effective dose equivalent (EDE). For exposures determined with an external individual monitoring device, the DDE shall be used in place of the EDE unless another Department approved method is used to determine this value (refer to R 333.5057).
- Item 13. In the space or on attached sheets, enter any additional information needed to understand the values entered. An example might be to indicate whether the individual was monitored using one or two external dosimeters and any relevant information describing the determination of the dose.