

4732.1055 INDUSTRIAL RADIOGRAPHIC OPERATING AND EMERGENCY PROCEDURES.

Subpart 1. **Operating and emergency procedures.** The registrant must have operating and emergency procedures that include:

- A. operating and safety instructions to maintain radiation doses as low as reasonably achievable and actions to prevent exceeding the dose limits in parts 4732.0410 to 4732.0430;
- B. methods and occasions for conducting radiation surveys;
- C. methods of controlling access to radiographic areas;
- D. methods of locking and securing the radiation-producing equipment;
- E. individual monitoring and the use of individual monitoring equipment, including steps that must be taken by radiography personnel in the event that a pocket dosimeter is found to be off-scale;
- F. minimizing exposure of an individual in the event of an accident;
- G. a procedure for notifying personnel in the event of an accident or equipment malfunction;
- H. inspection and maintenance of radiation machines;
- I. utilization log preparation; and
- J. maintenance of required records according to part 4732.0330.

Subp. 2. **Radiation surveys and survey records.** The radiation survey requirements in this subpart must be met for industrial radiation-producing equipment.

A. No radiographic operation must be conducted unless calibrated and operable radiation survey instrumentation, as described in part 4732.0710, is available and used at each site where radiographic exposures are made.

B. A physical radiation survey must be made after each radiographic exposure using radiation machines to determine that the machine is "off."

C. An area radiation survey must be performed during the first radiographic exposure to confirm that appropriate posting, ropes, or barriers are in place to prevent unauthorized entry and that unrestricted areas do not have radiation levels in excess of the limits in parts 4732.0410 to 4732.0430.

Subp. 3. **Calibrated and operable radiation survey instruments.** The registrant must have sufficient calibrated and operable radiation survey instruments accessible at each facility to make a radiation survey as required by subpart 2. Each radiation survey instrument must be calibrated according to part 4732.0710.

Subp. 4. **Utilization logs.** Each registrant must maintain a utilization log for review at the inspection by the commissioner. The log must contain:

- A. serial number or other unique identification of the equipment;
- B. identity of the operator assigned to the equipment;
- C. the locations and dates where the equipment was used; and
- D. the technique factors used for the exposure and the number of exposures.

Statutory Authority: *MS s 144.12*

History: *32 SR 777*

Published Electronically: *December 10, 2007*