

**4732.1060 INSTRUCTION AND TRAINING FOR INDUSTRIAL RADIOGRAPHY.**

Subpart 1. **Registrant requirements.** The registrant must ensure that:

A. any individual who will be operating or maintaining the radiation-producing equipment is adequately instructed initially in system-specific operating and emergency procedures;

B. training is conducted at the addition of any new radiation-producing equipment; and

C. documentation of the initial and any additional instruction is maintained according to part 4732.0330.

Subp. 2. **Individual requirements.** Ninety days after November 5, 2007, the individual to act as a radiographer must:

A. receive training according to subpart 3;

B. complete a minimum of two months of on-the-job training;

C. be certified through a radiographer certification program by a certifying entity according to part 4732.1070;

D. receive copies of registrant's operating and emergency procedures; and

E. demonstrate understanding of the registrant's operating and emergency procedures by successfully completing a written or oral examination covering the material.

Subp. 3. **Required subjects.** An industrial radiographer must receive training in:

A. the fundamentals of radiation safety, including:

(1) characteristics of gamma radiation;

(2) units of radiation dose;

(3) hazards of exposure to radiation;

(4) levels of radiation from radiation-producing equipment; and

(5) methods of controlling radiation dose (time, distance, and shielding);

B. radiation detection, including:

(1) use, operation, calibration, and limitations of radiation survey instruments;

(2) survey techniques; and

(3) use of personal monitoring equipment;

- C. equipment to be used, including:
  - (1) the operation and control of radiation-producing equipment; and
  - (2) inspection and maintenance of equipment;
- D. requirements of pertinent parts of this chapter; and
- E. case histories of accidents in radiography.

Subp. 4. **Records.** The registrant must ensure that records are maintained according to part 4732.0330.

**Statutory Authority:** *MS s 144.12*

**History:** *32 SR 777*

**Published Electronically:** *December 10, 2007*