



# Industrial Radiography Trainer/Trainee Information

In addition to 641-45.1(10)

Overview of Process:

- 1. Becoming a radiographer's assistant**
  - a. Receive training in the following:
    - i. The subjects for instruction described in Chapter 45, Appendix A presented in a 40-hour course,
    - ii. Applicable Iowa rules (Chapters 38, 40, 45, and Department of Transportation),
    - iii. Appropriate conditions of the license or registration,
    - iv. Operating and emergency procedures,
    - v. Hands on operation of equipment the assistant will use under direct supervision, and
    - vi. Demonstrate competence in the use of equipment by successful completion of a practical examination covering this material.
  - b. Once training has been provided, applicants may apply for an Iowa industrial radiographer trainee status card.
- 2. Begin on-the-job training as a radiographer trainee supervised by one or more radiographic trainers.**
  - a. Minimum 2 months (320 hours) utilizing radioactive material, or
  - b. Minimum 1 month (160 hours) utilizing x-ray machines, or
  - c. Minimum 3 months (480 hours) utilizing both RAM and x-ray
  - d. Active participation does not include safety meetings or classroom training.
- 3. After completion of the required on-the-job training must pass the industrial radiography certification examination provided by a CRCPD certifying entity and get issued an I.D. card.**
  - a. See CRCPD website at [https://www.crcpd.org/page/I\\_R\\_Certification](https://www.crcpd.org/page/I_R_Certification) for testing entities.
- 4. Work as an industrial radiographer with another certified industrial radiographer.**
  - a. Supervising radiographer trainees is prohibited.
- 5. Can apply to become an Iowa industrial radiography trainer after 1 year as a certified industrial radiographer.**
  - a. Once issued an Iowa trainer card, can supervise radiographer assistants with Iowa issued trainee status cards.
- 6. Renew industrial radiography certification every 5 years.**
  - a. See CRCPD website at [https://www.crcpd.org/page/I\\_R\\_Certification](https://www.crcpd.org/page/I_R_Certification) for testing entities.

**Table 1:**

<b>Examples of Acceptable and Unacceptable Radiographer Staffing</b>		
<b>Job Staffing:</b>	<b>GOOD</b>	<b>NO GOOD</b>
2 Certified Radiographers Any Certifying Entity (i.e. Texas, Louisiana, Illinois, etc.)	X	
1 <b>Iowa</b> Issued Trainer & 1 <b>Iowa</b> Issued Trainee Cards	X	
1 Non-Iowa Issued Trainer Card (i.e. Texas) & 1 Iowa Issued Trainee Card		X
1 Iowa Issued Trainer & 1 Radiographer Assistant (non-carded)		X
2 Radiographer Assistants with Iowa Issued Trainee Cards		X

Applicable Staffing Rules from [Chapter 45](#):

- 641-45.1(2) *Definitions.*
- 641-45.1(10) *Training and testing for radiographic personnel.*
- 641-45.1(13) *Supervision of radiographer's assistant.*
- 641-45.1(17) *Specific requirements for radiographic personnel performing industrial radiography.*
- 641-45.3(6)"c" *Operating and Emergency Procedures.*