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>
<thead>
<tr>
<th>Job Staffing</th>
<th>GOOD</th>
<th>NO GOOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Certified Radiographers Any Certifying Entity (i.e. Texas, Louisiana, Illinois, etc.)</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>1 Iowa Issued Trainer &amp; 1 Iowa Issued Trainee Cards</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>1 Non-Iowa Issued Trainer Card (i.e. Texas) &amp; 1 Iowa Issued Trainee Card</td>
<td>X</td>
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<tr>
<td>1 Iowa Issued Trainer &amp; 1 Radiographer Assistant (non-carded)</td>
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<td></td>
</tr>
<tr>
<td>2 Radiographer Assistants with Iowa Issued Trainee Cards</td>
<td>X</td>
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</tbody>
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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.