



# Minnesota Rules, Chapter 4732 X-Ray Revision

DRAFT SERVICE PROVIDER TRAINING RULES, 1.0

## 4732.#### SERVICE PROVIDER TRAINING.

Subpart 1. **Applicability.** A service provider that provides some or all of the service categories under part 4732.####, subp. 4 must meet the training requirements of this part.

**Commented [JC(1):** Service provider registration part – service categories

### SERVICE PROVIDER TRAINING

Subp. 2. **Vendor training.** A service company must submit evidence of training and experience under part 4732.###, subpart 3, item (8) to the commissioner for a vendor who is responsible for the sale, lease, lend, transfer, or demonstration of x-ray systems to a registrant. Evidence of vendor training is eight training hours covering radiation or x-ray system safety.

**Commented [JC(2):** NC 10A NCAC 15 .0214 TRAINING AND EDUCATIONAL REQUIREMENTS FOR EQUIPMENT SERVICES

SC, NC – familiarity with rules only

OR 333-101-0020 3A  
Vendors who provide demonstrations or training must have, at minimum, one day of training in radiation use and safety.

Subp. 3. **Service technician training.** A service company must submit evidence of training and experience under part 4732.###, subpart 3, item B (8) to the commissioner for a service technician who is responsible for the installation, assembly, maintaining, replacing, or servicing of a registrant’s x-ray systems, x-ray imaging systems, or x-ray system and x-ray system components. Evidence of service technician training and experience includes:

A. A combination of six months of:

**Commented [SW(3):** SSRCR Part B, Appendix E and Delaware  
CO-2.6.1.16/NC15.0214/SC 2.6.6.2/TX 289.26

- (1) supervised and documented training by a service company in the installation, assembly, maintaining, replacing, or servicing of x-ray systems, x-ray imaging systems, or x-ray system and x-ray imaging system components. A service technician does not require six months of training on each individual x-ray system, x-ray imaging system, and x-ray imaging system component; and

**Commented [SW(4):** CO 2.6.1.16 – 6 months supervised and documented training.

DRAFT SERVICE PROVIDER TRAINING RULES, 1.0

(2) radiation measurements to verify performance with the types of the x-ray system serviced excluding CT and interventional fluoroscopy; or

Commented [SW(5)]: NC 15.0214 and SC 2.6.6.2

(3) didactic or classroom manufacturer instruction with the type of x-ray systems to be serviced; and

B. eight training hours covering radiation or x-ray system safety.

Commented [TP(6)]: Focus Group: Initial training only – for service technician and QE/QMP? Is this a sufficient amount of training? Renew periodically? “Continuing education”

Subp. 4. Preceptor training for service technicians by a QE. Preceptor documentation must be reviewed and signed by a QE for service technician training.

A. A QE must verify that a service technician is competent and understands the requirements to conduct a shielding plan including:

(1) knowledge in radiation and x-ray system safety;

(2) guidance and instruction by a QE in shielding plans for each x-ray system; and

(3) six months of personal supervision for conducting shielding plans.

Commented [JC(7)]: Definition of personal supervision: “Personal supervision” means guidance and instruction by a QE who is physically present, is in personal contact with a service technician, and is able to give immediate assistance.

B. A QE must verify that a service technician is competent and understands the requirements to conduct a shielding evaluation or radiation protection survey including:

(1) knowledge in radiation and x-ray system safety;

(2) guidance and instruction by a QE in shielding evaluations or radiation protection surveys for each x-ray system; and

(3) six months of personal supervision for performing shielding evaluations or radiation protection surveys.

Subp. 5. Preceptor training for a service technician by a QMP. Preceptor documentation must be reviewed and signed by a QMP for service technician training. A QMP

DRAFT SERVICE PROVIDER TRAINING RULES, 1.0

must verify that a service technician is competent and understands the requirements to conduct an equipment performance evaluation for CT and interventional fluoroscopy including:

**Commented [TP(8): Focus Group Discussion:** Joint Commission recognizes Health Physicist's

- A. knowledge in radiation and x-ray system safety;
- B. guidance and instruction by a QMP in equipment performance evaluations for each x-ray system for CT or interventional fluoroscopy;
- C. radiation output measurements to verify performance for each x-ray system for CT and interventional fluoroscopy; and
- D. six months of personal supervision for performing equipment performance evaluations.

Subp. 6. **Qualified expert or qualified medical physicist training.** A service company must submit verification of qualifications under part 4732.#### to the commissioner for a QE or QMP and eight training hours covering radiation or x-ray system safety training under part 4732.###, subpart 3, item (8).

**Commented [JC(9):** To reference Service Provider Qualifications part.

Environmental Health Division, Indoor Environments & Radiation Section  
Minnesota Department of Health  
PO Box 64975  
St. Paul, MN 55134-0975  
x-rayrules@state.mn.us  
www.health.state.mn.us

06/18/2018

To obtain this information in a different format, call: 651-201-4538. Printed on recycled paper.