



Arkansas Department of Health

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ARKANSAS INFORMATION NOTICE 22-03

To: Chiropractic and Private Practice X-ray Registrants and Vendor Service Registrants

From: Bernard Bevill, Section Chief
Radiation Control Section 

Date: December 5, 2022

Subject: Maintenance Requirements for Diagnostic X-ray Systems

This Information Notice (IN) is to remind x-ray registrants and vendor service registrants of the requirements regarding maintenance of diagnostic x-ray systems.

Pertinent rules from the ASBH Rules for Control of Sources of Ionizing Radiation include –

RH-1602.c.8. states the following:

“Diagnostic x-ray systems and their associated components used on humans and certified pursuant to the Federal X-Ray Equipment Performance Standard (21 CFR Part 1020) shall be maintained in compliance with applicable requirements of that standard.”

RH-1602.a. states in part:

“The registrant shall be responsible for directing the operation of the x-ray systems which have been registered with the Department. The registrant or the registrant’s agent shall assure that the requirements of RH-1602.a. are met in the operation of the x-ray system(s).”

1. *An x-ray system which does not meet the provisions of these Regulations shall not be operated for diagnostic or therapeutic purposes.”*

RH-1602.a.12. states in part:

“The registrant shall maintain the following information for each x-ray system for inspection by the Department:

- E. *Records of surveys, calibrations, maintenance and modifications performed on the X-ray system(s) after July 1, 1983 with the names of persons who performed such services;”*

Specific frequencies for when “maintenance” should occur, including preventative, are not stated in the Rule but must be that which would ensure compliance with all applicable provisions in the Rule. The Department strongly recommends that manufacturer maintenance schedules are followed. Please note that other Federal or State programs or regulatory bodies may have their own requirements.

Additionally, Part G of Section 3, “Special Requirements for the Use of X-Rays in the Healing Arts,” details **current requirements concerning Qualified Expert evaluations/calibrations depending on the type of x-ray system** (e.g., fluoroscopy, computed tomography, and mammography). Section 3 can be accessed on the Radiation Control Section main webpage at www.healthy.arkansas.gov/programs-services/topics/radiation-control.

If you have any questions, please contact the X-ray/Mammography Program at (501) 661-2378.