**44:03:01:12.01.  X-radiation producing equipment calibration.** The licensee shall ensure that calibrations are performed on a diagnostic radiographic system if that system does not meet the minimum performance criteria specified in §§ 44:03:01:08.02 to 44:03:01:08.07, inclusive, and if there is any change or replacement of components that could cause a change in the radiation output of that system.

The calibration must be performed within three months after any change or replacement of components that could cause a change in the radiation output. The calibration of the radiation output of the X ray system must be performed by or under the direction of a qualified expert with a calibrated dosimetry test meter. Any X ray machine must be surveyed by the department or a qualified expert every three years to verify the X ray machine meets the standards of this chapter. Any X ray machine that does not meet the standards of this chapter must be calibrated within three months. Any computed tomography system must be surveyed by a qualified physicist within thirty days after clinical use and on an annual basis.

**Source:** 26 SDR 96, effective January 23, 2000; 32 SDR 128, effective January 30, 2006; 50 SDR 41, effective October 11, 2023.

**General Authority:** SDCL 34-1-17, 34-21-4.1, 34-21-15.

**Law Implemented:** SDCL 34-21-4.1.