

10A NCAC 15 .0520 PERMANENT RADIOGRAPHIC INSTALLATIONS

(a) Permanent radiographic installations having high radiation area entrance controls of the types described in Subparagraphs (a)(1), (2) and (3) of Rule .1615 of this Chapter shall also meet the following special requirements:

- (1) Each entrance that is used for personnel access to the high radiation area in a permanent radiographic installation to which this Section applies shall have both visible and audible warning signals to warn of the presence of radiation.
- (2) The visible signal shall be actuated by radiation whenever the sealed source is exposed.
- (3) The audible signal shall be actuated when an attempt is made to enter the installation while the sealed source is exposed.

(b) The alarm system shall be tested for proper operation with a radiation source at the beginning of each day of equipment use. The daily test shall include a check of the visible and audible signals by exposing the sealed source or operating the radiation machine prior to use of the room. Entrance control devices that reduce the radiation level upon entry as required in Paragraph (a) of this Rule shall be tested monthly. If a control device or alarm is operating improperly, it shall immediately be labeled as defective and repaired within seven calendar days. The facility may continue to be used during this seven day period, provided the licensee or registrant implements continuous surveillance to protect against unauthorized entry and uses an alarming ratemeter.

(c) Records of test of alarm functions shall be maintained in accordance with Rule .0523 of this Section.

*History Note: Authority G.S. 104E-7; 104E-12(a)(1);
Eff. October 1, 1980;
Temporary Amendment Eff. August 20, 1994, for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;
Amended Eff. April 1, 1999; May 1, 1995; January 1, 1994;
Transferred and Recodified from 15A NCAC 11 .0520 Eff. February 1, 2015;
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. June 22, 2019.*