

10A NCAC 15 .0511 INSPECTION AND MAINTENANCE

(a) Prior to use each day, the licensee or registrant shall visually check for obvious defects in radiographic exposure devices, storage containers, source changers, radiation machines and associated equipment. The purpose of the visual check is to assure that the radiographic exposure devices, storage containers, source changers, radiation machines and associated equipment are in good working condition and that the required labeling is present. If defects are found, the affected radiographic exposure devices, storage containers, source changers, radiation machines and associated equipment shall be removed from service until repaired and a record shall be made in accordance with Rule .0523 of this Section.

(b) Each exposure device using depleted uranium (DU) shielding and an "S" tube configuration shall be tested for DU contamination at intervals not to exceed 12 months. This test shall be performed by the licensee using procedures approved by the agency pursuant to Rule .0323 of this Chapter or by the licensee returning the exposure device to the manufacturer for such testing. If the test reveals the presence of DU contamination, the exposure device shall be removed from use and arrangements for proper disposal shall be made.

(c) Each licensee or registrant shall have written procedures for:

- (1) inspection and maintenance or radiographic exposure devices, transport and storage containers, source changers, survey instruments, radiation machines and associated equipment at intervals not to exceed three months or prior to the first use thereafter to assure proper functioning of components important to safety. Records of these inspections and maintenance shall be made in accordance with Rule .0523 of this Section. If defects are found, the affected radiographic exposure and associated equipment shall be removed from service until repaired and a record made in accordance with Rule .0523 of this Section.
- (2) inspection and maintenance necessary to maintain Type B packaging used to transport radioactive materials. The inspection and maintenance program shall include procedures to assure that Type B packages are shipped and maintained in accordance with the certificate of compliance or other approval.

(d) Records of equipment problems and of any maintenance performed under Paragraphs (a) and (b) of this Rule shall be made in accordance with Rule .0523 of this Section.

*History Note: Authority G.S. 104E-7;
Eff. February 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; October 1, 1980;
Transferred and Recodified from 15A NCAC 11 .0511 Eff. February 1, 2015;
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. June 22, 2019.*