

10A NCAC 15 .0323 SPECIFIC LICENSES: SEALED SOURCES IN INDUSTRIAL RADIOGRAPHY

In addition to the requirements set forth in Rule .0317 of this Section, a specific license for use of sealed sources in industrial radiography shall be issued if:

- (1) The applicant has a program for training radiographers and radiographers' assistants to meet the requirements of this Rule and Rule .0510 of this Chapter and submits to the agency a schedule or description of such program which specifies the:
 - (a) initial training;
 - (b) periodic training;
 - (c) on-the-job training;
 - (d) means to be used by the licensee to determine the radiographer's knowledge and understanding of and ability to comply with agency regulations and licensing requirements, and the operating and emergency procedures of the applicant; and
 - (e) means to be used by the licensee to determine the radiographer's assistant's knowledge and understanding of and ability to comply with the operating and emergency procedures of the applicant;
- (2) The applicant has established and submits to the agency satisfactory written operating and emergency procedures described in Rule .0513 of this Chapter;
- (3) The applicant has established and submits to the agency a description of its inspection program which is adequate to ensure that each radiographer and radiographer assistant follows the rules in this Chapter and the applicant's operating and emergency procedures.
- (4) The inspection program described in the applicant's procedures shall include:
 - (a) observation of the performance of each radiographer and radiographer's assistant during an actual industrial radiographic operation at the intervals not to exceed six months; provided that, if a radiographer or a radiographer's assistant has not participated in a radiographic operation for more than six months since the last inspection, that individual's performance must be observed and recorded by a practical examination before the individual participates in a radiographic operation;
 - (b) in those operations where a single individual serves as both radiographer and Radiation Safety Officer, and performs all radiography operations, an inspection program is not required; and
 - (c) the retention of inspection records on the performance of radiographers or radiographers' assistants for three years;
- (5) The applicant submits to the agency a description of his overall organizational structure pertaining to the industrial radiography program, including specified delegations of authority and responsibility for operation of the program;
- (6) The applicant who desires to conduct his own leak tests has established procedures to be followed in leak testing sealed sources for possible leakage and contamination sufficient to detect 0.005 microcuries of removable contamination on the source, and submits to the agency a description of the procedures, including:
 - (a) instrumentation to be used;
 - (b) method of performing tests, e.g., points on equipment to be tested and method of taking tests; and
 - (c) pertinent experience of the person who will perform the test; and
- (7) The licensee conducts a program for inspection and maintenance of radiographic exposure devices and storage containers to assure proper functioning of components important to safety.

*History Note: Authority G.S. 104E-7; 104E-10(b);
Eff. February 1, 1980;
Amended Eff. April 1, 1999; June 1, 1989;
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