

1 10A NCAC 15 .0805 is proposed for amendment as follows:

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3 **10A NCAC 15 .0805 OPERATING REQUIREMENTS**

4 (a) RGDs shall be operated by individuals that have completed the training requirements of Rule .0806 of this Section.

5 ~~(a) (b)~~ Normal operating procedures shall be written and available to all ~~analytical x ray equipment workers.~~ RGD
6 operators and support staff. No person shall be permitted to operate analytical x ray equipment in any manner other
7 than that specified in the procedures unless the person has obtained written approval of the person responsible for
8 radiation safety.

9 (c) No person shall be permitted to operate RGDs in any manner other than that specified in the operating procedures
10 unless the person has obtained written approval of the person responsible for radiation safety, or Radiation Safety
11 Officer (RSO) as defined in Rule .0104 of this Chapter.

12 ~~(b) (d)~~ No person shall bypass a safety device unless the person has obtained the approval of the person responsible
13 for radiation ~~safety.~~ safety or RSO. Such approval shall be for a specified period of time. This process shall be
14 incorporated into the radiation protection program, as set forth in Rule .1613(a), and the operating procedures as set
15 forth in Rule .0603(a)(1)(B). The written approval shall include an expiration date. When a safety device has been
16 bypassed, a readily discernible legible sign bearing the words "SAFETY DEVICE NOT WORKING", WORKING,"
17 or words having a similar intent, meaning shall be placed on the radiation source housing and the control panel during
18 the period such bypassing is in effect. bypassing period.

19 (e) Prior to an individual modifying the:

- 20 (1) x-ray tube system, resulting in the removal of tube housings, covers, or shielding materials;
21 (2) shutters;
22 (3) collimators; or
23 (4) beam stops;

24 the individual shall determine the tube is off and will remain off until safe conditions have been restored.

25 (f) Safety devices including interlocks, shutters, and warning lights shall be tested for proper operation on all RGDs
26 in operation once annually. Records of the testing shall be retained for three years.

27 (g) Individuals shall not hold a sample or object being irradiated.

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29 *History Note: Authority G.S. 104E-7; 104E-12;*

30 *Eff. February 1, 1980. 1980;*

31 *Amended Eff. October 1, 2015.*