

1 10A NCAC 15 .0805 is amended with changes as published in NCR 29:21, pp. 2437-2445, 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~~ individual shall be permitted to operate RGDs in any manner other than that specified in the operating
10 procedures unless the person has obtained written approval of the ~~person~~ individual responsible for radiation safety,
11 or Radiation Safety Officer (RSO) as defined in Rule .0104 of this Chapter.

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

20 (e) Prior to an individual modifying the:

21 (1) x-ray tube system, resulting in the removal of tube housings, covers, or shielding materials;

22 (2) shutters;

23 (3) collimators; or

24 (4) beam stops;

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

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

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

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

31 *Eff. February 1, 1980;*

32 *Transferred and Recodified from 15A NCAC 11 .0805 Eff. February 1, ~~2015.~~ 2015;*

33 *Amended Eff. October 1, 2015.*