

1 10A NCAC 14E .0206 is amended with changes as published in NCR 29:11, pp. 1290-1298 as follows:

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3 **10A NCAC 14E .0206 ELEMENTS AND EQUIPMENT**

4 The physical plant shall provide ~~appropriate elements and~~ equipment to carry out the functions of the ~~facility~~ clinic
5 with the following minimum requirements:

6 (1) Mechanical ~~requirements~~ requirements.

7 (a) Temperatures and humidities:

- 8 (i) The mechanical systems shall be designed to provide the temperature and
9 humidities shown in this ~~Paragraph:~~ Sub-Item:

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| Area | Temperature | Relative Humidity |
|-----------|------------------|-------------------|
| Procedure | 70-76 degrees F. | 50-60 % |
| Recovery | 75-80 degrees F. | <u>30-60 %</u> |

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- 15 (b) All air supply and exhaust systems for the procedure suite and recovery area shall be
16 mechanically operated. All fans serving exhaust systems shall be located at the discharge
17 end of the system. The ventilation rates shown herein shall be considered as minimum
18 acceptable rates.

- 19 (i) The ventilation system shall be designed and balanced to provide the pressure
20 relationships ~~shown herein:~~ detailed in Subparagraph (b)(vii) of this Rule.

- 21 (ii) All air supplied to procedure rooms shall be delivered at or near the ceiling of
22 the room and all exhaust or return from the area shall be removed near the floor
23 level at not less than three inches above the floor.

- 24 (iii) Corridors shall not be used to supply air to or exhaust air from any procedure or
25 recovery room except to maintain required pressure relationships.

- 26 (iv) All ventilation or air conditioning systems serving procedure rooms shall have a
27 minimum of one filter bed with a minimum filter efficiency of 80 percent.

- 28 (v) Ventilation systems serving the procedure or recovery rooms shall not be tied in
29 with the soiled holding or work rooms, janitors' closets or locker rooms if the air
30 is to be recirculated in any manner.

- 31 (vi) Air handling duct systems shall not have duct ~~linings in ducts serving procedure~~
32 ~~or recovery rooms.~~ linings.

- 33 (vii) The following general air pressure relationships to adjacent areas and ventilation
34 rates shall apply:

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| Area | Pressure Relationship | Minimum Air Changes/Hour |
|------|-----------------------|-----------------------------|
|------|-----------------------|-----------------------------|

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| | | | |
|---|---|---|----|
| 1 | Procedure | P | 6 |
| 2 | Recovery | P | 6 |
| 3 | Soiled work, | | |
| 4 | janitor's <u>Janitor's</u> closet, | | |
| 5 | toilets, <u>Toilets,</u> | | |
| 6 | Soiled holding | N | 10 |
| 7 | Clean work or | | |
| 8 | Clean holding | P | 4 |

(P = positive pressure N = negative pressure)

(2) Plumbing And Other Piping Systems Systems.

(a) Medical Gas and Vacuum Systems

(i) Piped-in medical gas and vacuum systems, if installed, shall meet the requirements of ~~NFPA 99-1990,~~ NFPA-99-2012, type one system, which is hereby incorporated by reference including subsequent amendments and editions. Copies of ~~NFPA 99-1990~~ NFPA-99-2012 may be purchased from the National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, ~~for twenty eight dollars and fifty cents (\$28.50).~~ or accessed electronically free of charge at <http://www.nfpa.org>.

(ii) If inhalation anesthesia is used in any concentration, the facility must meet the requirements of ~~NFPA 70-1993~~ NFPA 70-2011 and ~~NFPA 99-1990,~~ NFPA 99-2012, current editions relating to inhalation anesthesia, which are hereby incorporated by reference including subsequent amendments and editions. Copies of ~~NFPA 70-1993~~ NFPA 70-2011 and ~~NFPA 99-1990~~ NFPA 99-2012 may be purchased from the National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, ~~for thirty two dollars and fifty cents (\$32.50) and twenty eight dollars and fifty cents (\$28.50) respectively.~~ or accessed electronically free of charge at <http://www.nfpa.org>.

(b) Lavatories and sinks for use by medical personnel shall have the water supply spout mounted so that its discharge point is a minimum distance of five inches above the rim of the fixture with mixing type fixture valves ~~which~~ that can be operated without the use of the hands.

(c) Hot water distribution systems shall provide hot water at hand washing and bathing facilities at a minimum temperature of 100 degrees F. and a maximum temperature of 116 degrees F.

(d) Floor drains shall not be installed in procedure rooms.

1 (e) Building drainage and waste systems shall be designed to avoid installations in the
2 ceiling directly above procedure rooms.

3 (3) Electrical ~~Requirements~~ Requirements.

4 (a) Procedure and recovery rooms, and paths of egress from these rooms to the outside shall
5 have at a minimum, listed battery backup lighting units of one and one-half hour
6 capability that will automatically provide at least five foot candles of illumination at the
7 floor in the event of ~~needed for~~ a utility or local lighting circuit failure.

8 (b) ~~Essential electrically~~ Electrically operated medical equipment necessary for the safety of
9 the patient shall have, at a minimum, battery backup.

10 (c) Receptacles located within six feet of sinks or lavatories shall be ground-fault protected.

11 (d) ~~Provide at~~ At least one wired-in, ionization-type smoke detector shall be within 15 feet of
12 each procedure or recovery room entrance.

13 (4) ~~Each facility and its grounds shall be maintained to minimize hazards and enhance safety for staff~~
14 ~~and patients.~~ Buildings systems and medical equipment ~~must~~ shall have preventative maintenance
15 conducted as recommended by the equipment manufacturers' or installers' literature to assure
16 ~~satisfactory operation.~~ operation in compliance with manufacturer's instructions.

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18 *History Note:* Authority G.S. 14-45.1(a); 143B-10;
19 Eff. February 1, 1976;
20 Readopted Eff. December 19, 1977;
21 Amended Eff. October 1, 2015; July 1, 1994; December 1, 1989.