

**10A NCAC 14J .1512     LIGHTING AND VENTILATION**

- (a) Lighting fixtures in sleeping rooms and dayrooms shall provide at least 30 footcandles of artificial light, and they shall have diffusers designed to illuminate a horizontal area from a ceiling or wall position.
- (b) Artificial lighting in the inspection and control corridors shall be at least 20 footcandles.
- (c) The artificial lighting at night in the sleeping rooms shall not exceed two footcandles.
- (d) The lighting levels in the non-domiciliary portions of the jail shall be within ranges recommended by the I.E.S. (Illumination Engineering Society) for the particular activity.
- (e) Lighting fixtures in the inmate-occupied areas shall be of the security type, and the wiring controls and fixtures shall be inaccessible to inmates (see Rule .1527 of this Section).
- (f) Confinement areas shall be heated within a range of not less than 70 degrees nor more than 75 degrees. Confinement areas shall not have a heater or furnace that burns liquid or solid fuel.
- (g) Wiring, temperature controls, and heat distribution equipment shall be inaccessible to inmates.
- (h) Each facility shall provide adequate air circulation and ventilation of confinement areas in compliance with the North Carolina State Building Code.
- (i) Confinement areas shall be cooled within a range of not less than 75 degrees nor more than 85 degrees.

*History Note:*     *Authority G.S. 153A-220; 153A-221;*

*Eff. June 1, 1990;*

*Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. January 5, 2016.*