

10A NCAC 14J .1526 MATERIAL TESTS

(a) Tool-resisting materials that are included in jail equipment shall withstand the following tests:

- (1) A load test of not less than 6,000 lbs. applied at the midpoint of heat-treated 7/8 inch or one inch diameter double-ribbed round tool-resisting bar resting horizontally on two supports spaced 12 inches apart. The load shall be applied with a blunt-end rounded to a radius of approximately 1/4 inch on the edge which is in contact with the tested bar. The bar shall not assume a permanent set in excess of 1/4 inch and it shall not break under the load.
- (2) Tool-resisting 7/8 inch or one inch steel bars shall not be severed within six hours by using six hacksaw blades, and it shall not be pierced by using six 1/8 inch bits, used either in a hand-operated or motor-driven drill. The hacksaw blades and bits in this test shall be the standard type found in institutions.

(b) Open-hearth steel shall be the type produced for corrections use and it shall have a chemical composition that is within the limits adopted by the Association of American Steel Manufacturers for open-hearth bars and shapes.

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.