

**NC Department of Insurance
Office of the State Fire Marshal - Engineering Division
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Explosion Control

Code: 2018 Fire Prevention Code
Section: 911.1

Date: January 1, 2019

Code: 2018 NC Building Code
Section: 415.5.1

Question:

Is it the intent of Item #1 of Section 911.1 to require explosion control for materials identified in Table 911.1 in any quantity?

Answer:

No, Items #1 and #2 of Section 911.1 were written to both be applicable - consistent with Section 414.5.1 of the North Carolina Building Code. Table 911.1 was written to identify which hazardous materials are required to have protection and how the protection was provided. Table 2703.1.1 was referenced to identify the threshold quantities for when explosion control is required.

For example, explosion venting identified in Table 911.1 of the fire code for the storage of a Class IA liquid storage is not required until 60 gallons (100% increase for a sprinklered building required for a Group H occupancy per footnote d of Table 2703.1.1(1)) is stored within a single fire area of a building.

Keywords:

NFPA 68, NFPA 69, barricades, blast panels, explosion prevention