



**CHARLOTTE FIRE DEPARTMENT
FIRE MARSHAL'S OFFICE
500 DALTON AVE
CHARLOTTE, NC 28206**



Code/Procedural Interpretation

CFD Interpretation: Location of Class I Standpipe Hose Valves

Date: September 18, 2015 (Rev. September 10, 2018)

Code Reference: 2012 North Carolina Fire Code, Section 905.4 and NFPA 14

Subject: What are the regulations concerning approved locations for fire department hose valves for Class I standpipe systems?

Interpretation:

Buildings with required Class I standpipe systems shall have hose valves installed in the following locations:

1. In each required exit stairway at each floor landing, including landings below-grade level.
2. On each side of a wall adjacent to the exit opening of a **horizontal exit*.
3. In every exit passageway, at the entrance from the exit passageway to other areas of the building.

Exception to item #2: Where these floor areas are reachable from the stairway connection by a 30-foot hose stream from a nozzle attached to 100 feet of hose.

Additionally, the fire code official is authorized to require additional hose valves where the most remote point of a nonsprinklered floor or story is more than 150 feet from a hose connection, or where the most remote portion of a sprinklered floor or story is more than 200 feet from a hose connection.

**Horizontal Exit per NCBC: "Path of Egress travel through or around a wall or partition to an area on approximately the same level in the same building, which affords safety from fire and smoke from the areas communicating therewith"*