

PLUMBING NEWSLETTER



All information herein was referenced for the Winston-Salem/Forsyth County Area. If you have questions concerning other Inspection Divisions, please contact that division for your answers.

CONTRACTORS

FYI: Be aware that Mfg. installation instructions may change without notice. We try to get out any changes we have as soon as we are made aware of them. Most Mfg. instructions are required to be on site for an inspection. Don't let the absence of looking at these instructions be the cause of a failed inspection. Thank you.
2012 NC Plumbing Code

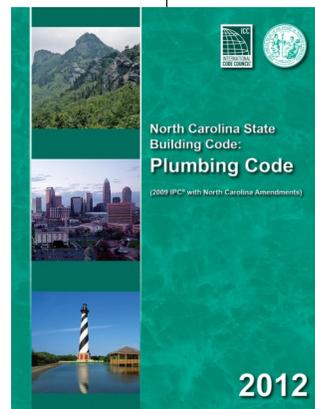
303.2 Installation of materials. All materials used shall be installed in strict accordance with the standards under which the materials are accepted and approved. In the absence of such installation procedures, the manufacturer's installation instructions shall be followed. Where the requirements of referenced standards or manufacturer's installation instructions do not conform to minimum provisions of this code, the provisions of this code shall apply.

405.2 Access for cleaning. Plumbing fixtures shall be installed so as to afford easy access for cleaning both the fixture and

the area around the fixture.

405.3 Setting. Fixtures shall be set level and in proper alignment with reference to adjacent walls.

502.1 General. Water heaters shall be installed in accordance with the manufacturer's installation instructions. Oil-fired water heaters shall conform to the requirements of this code and the International Mechanical Code. Electric water heaters shall conform to the requirements of this code and provisions of NFPA 70. Gas-fired water heaters shall conform to the requirements of the International Fuel Gas Code.



QUESTIONS FROM CONTRACTORS.

Q: Did the requirement change for testing of the water system to a house?

A: Yes, The code now requirements that the "Water Supply System" is to be tested.

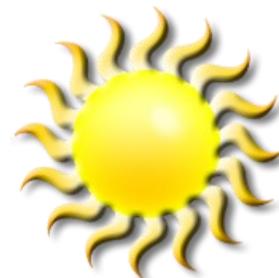
The 2012 NCPC definition: **WATER SUPPLY SYSTEM.** The water service pipe, water distribution pipes, and the necessary connecting pipes, fit-

tings, control valves and all appurtenances in or adjacent to the structure or premises.

312.5 Water supply system test. Upon completion of a section of or the entire water supply system, the system, or portion completed, shall be tested and proved tight under a water pressure not less than the working pressure of the system; or an air test of not

less than 100 psi (688 kPa). This pressure shall be held for at least 15 minutes. The water utilized for tests shall be obtained from a potable source of supply. The required tests shall be performed in accordance with this section and Section 107.

If you have any questions, please call your Inspector over the area you are in.



It is hot outside. Try to keep cool and drink plenty of fluids

QUESTIONS FROM CONTRACTORS.

Q: I was turned down for not having a cleanout installed on a sewage ejector line. Has something changed in the code?

A: Yes, the 2012 NCPC added "...cleanout located on the discharge of the check valve..." is required. It is our interpretation that the intent of this new language is to provide a method of servicing this line with-

out trying to rod through the check valve and to help eliminate the mess that can be involved with just cutting the line into.

712.2 Fittings required. A check valve and a full open valve, and cleanout located on the discharge side of the check valve shall be installed in the pump or ejector discharge piping between the pump or ejector and the gravity drainage system.

Access shall be provided to such valves. Such valves shall be located above the sump cover required by Section 712.1 or, where the discharge pipe from the ejector is below grade, the valves shall be accessibly located outside the sump below grade in an access pit with a removable access cover.

Happiness is the place between too little and too much

QUESTIONS FROM CONTRACTORS.

Q: Where is the instruction for putting a shower pan liner under test?

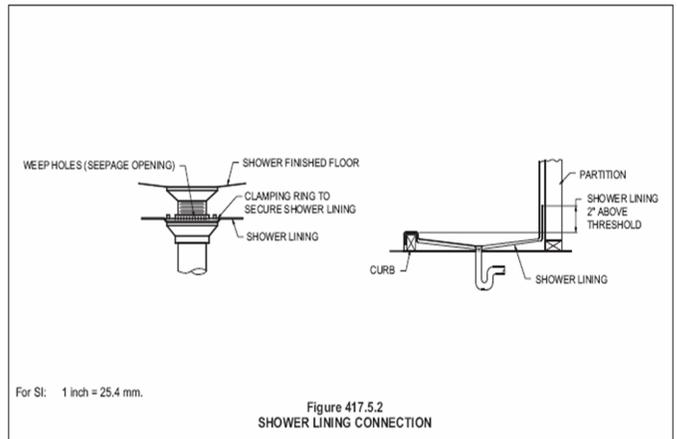
A: North Carolina adopted the language from the 2009 IPC for this requirements in the 2012 NCPC this section is:

312.9 Shower liner test. Where shower floors and receptors are made watertight by the application of materials required by Section 417.5.2, the completed liner

installation shall be tested. The pipe from the shower drain shall be plugged water tight for the test. The floor and receptor area shall be filled with potable water to a depth of not less than 2 inches (51 mm) measured at the threshold. Where a threshold of at least 2 inches (51 mm) high does not exist, a temporary threshold shall be constructed to retain the test water in the lined floor or receptor area to a level not less than 2 inches (51 mm) deep measured at the threshold.

The water shall be retained for a test period of not less than 15 minutes, and there shall not be evidence of leakage.

Hope this helps.



If you are looking for information from NCDOL please go to www.ncdoi.com

For licensing questions contact the State Board of Examiners of Plumbing, Heating, and Fire Sprinkler Contractors at www.nclicensing.org

If you have any questions or wish for your questions to be included in our newsletter, please send all questions to :

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