

# 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.

## QUESTIONS FROM CONTRACTORS

**Q:** Will the NC Plumbing Code allow a Watts series 7 backflow preventer be approved for protection of a potable water line serving a carbonated beverage dispenser?

**A:** No, the NC Plumbing Code states: *“608.16.1 Beverage dispensers. The water supply connection to beverage dispensers shall be protected against backflow by a backflow preventer conforming to ASSE 1022 or by an air gap. The portion of the backflow preventer de-*

*vice downstream from the second check valve and the piping downstream therefrom shall not be affected by carbon dioxide gas.”*

The Watts series 7 was built to the standard ASSE 1024 and would not meet the requirements of the 2012 NCP cycle.

Commentary language lists: *“...Concerns have been raised that a dual check valve alone will not show any visible indication of failure. The backflow pre-*

*venter for beverage dispensing equipment includes two check valves and an atmospheric vent. If there is a failure of the downstream check and the backpressure exceeds the supply pressure, the vent will discharge, giving a visual indication of the check valve’s failure...”*

Changes were made on acceptable standards in the 2009 IPC which is now part of our 2012 NCP so it would be beneficial to check all of section 608 for the proper type, use and placement of backflow preventers.



If you are looking for information from NCDOL please go to [www.ncdoi.com](http://www.ncdoi.com)

For licensing questions contact the State Board of Examiners of Plumbing, Heating, and Fire Sprinkler Contractors at [www.nclicensing.org](http://www.nclicensing.org)

If you have any questions or wish for your questions to be included in our monthly newsletter please send all questions to : [jamesr@cityofws.org](mailto:jamesr@cityofws.org). James Rhodes, Senior Plumbing Inspector, Winston-Salem/Forsyth County Inspections 100 E. First St., Suite 328 Winston-Salem, NC 27101