



## UNIFORM BUILDING CODE COMMISSION EXISTING RULE REVIEW FORM

TRACKING NUMBER: **RFGMP-12**

### CODE CHANGE INFORMATION:

**New Edition Year Under Review:** 2024 International Residential Code

**Page Number in New Edition Under Review:**

**Originating Committee:** Residential Fuel Gas, Mechanical, Plumbing Technical Code Review

**Original Edition Year Modified:** 2009

**Current Rule Numbering:** 748:20-6-30 (2)

**Section/Table/Figure Modified:** Chapter 25, Plumbing Administration, Section P2503.7

### EXISTING RULE:

**P2503.7 Water-supply system testing.** Upon completion of the water-supply system or a section of it, the system or portion completed shall be tested and proved tight under a water pressure of not less than the working pressure of the system or, for piping systems other than ~~plastic~~ PVC or CPVC, by an air test of not less than 50 psi (345 kPa). This pressure shall be held for not less than 15 minutes. The water used for the tests shall be obtained from a potable water source.  
~~**Exception:** For PEX piping systems, testing with a compressed gas shall be an alternative to hydrostatic testing where compressed air or other gas pressure testing is specifically authorized by the manufacturer's instructions for the PEX pipe and fittings products installed at the time the system is being tested, and compressed air or the gas testing is not otherwise prohibited by applicable codes, laws or regulations outside of this code.~~

### HISTORICAL INFORMATION:

This change was made in the 2009 adoption. The submitter noted the word "plastic" was not defined as material that could not be air tested. They noted PEX and similar piping do have air pressure ratings capable of allowing the required air test. The 2018 committee felt it was still applicable. However, an added exception in the 2018 code was not addressed and was not part of the agency's rules and is shown as stricken language above.

The section in the 2021 and 2024 codes has not changed. Staff recommendation is to review the modification and the code language in the exception and determine if it should be kept as written, modified, or removed from the agency's rules.