DEPARTMENT of COMMUNITY PLANNING & ECONOMIC DEVELOPMENT

CONSTRUCTION CODE SERVICES DIVISION



ADMINISTRATIVE ANNOUNCEMENT

DATE ISSUED:

DATE EFFECTIVE:

NUMBER:

PAGES:

February 25, 2016

March 1, 2016

AA-CCS-2016-2

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SUBJECT:

Use of a double check valve with intermediate atmospheric vent for boilers serving 1 and 2 family residential dwellings.

Patrick Higgins

Per 603.5.10 of the 2015 Minnesota Plumbing Code, Potable water connections to steam or hot water boilers shall be protected from backflow by a double check valve prevention assembly or reduced pressure principle backflow prevention assembly in accordance with 603.2. Where chemicals are introduced into the system a reduced pressure principle backflow prevention assembly shall be provided in accordance with Table 603.2

The City of Minneapolis has deemed that a double check valve with intermediate atmospheric vent provides equivalent backflow protection for boilers serving 1 and 2 family residential buildings, and is approved for such use provided the following conditions are met:

- Valve shall be listed to ASSE Standard 1012
- Valve must be installed per the listing
- No chemicals can be introduced into the system