

**Summary of Substantive Changes
Between the 2009 and the 2011 Editions of
ASSE 1015, “Double Check Backflow Prevention Assemblies and Double Check
Fire Protection Backflow Prevention Assemblies”**

General: There are some technical changes to this standard. The changes that may affect current listings include the addition of a requirement to have test cocks on the supply side of the inlet shut-off valve for assemblies ½ in and smaller and the removal of a statement allowing metals in contact with potable water to contain up to 8% lead. The conformance requirement for cast iron pipe flanges also changed from ANSI B16.1 to ASTM A126.

Table 1, Rated Water Flow and Maximum Allowable Pressure Loss for Various Sizes: changed the values in the Rated Flow column from L/m to L/s and increased the figure accuracy from the tenths to hundredths place.

Section 1.3.2.4, Test Cock Location: Removed the following stipulation,
Test cocks shall be provided in the following locations:

(a) *On the supply side of the inlet shut-off valve ~~for assemblies larger than ½ inch (15 mm) in size.~~*
(Not required on any sizes of type DCF assemblies.)

Table 2, Minimum Hot Water Flow for Various Sizes: Changed the values in the rated flow column from L/m to L/s and increased the figure accuracy from the tenths to hundredths place.

Section 3.10, Body Strength Test for Type DCF Assemblies Only

Section 3.10.2, Procedure: Decreased the required test pressure from 5 to 4 times the manufacturers maximum rated pressure for sizes 6 inch and smaller by removing the statement, *~~For sizes 6 inch (150 mm) and smaller, increase the pressure to five (5) times the manufacturer’s maximum rated pressure and hold for one (1) minute.~~*

Section 4.1.1, Materials in Contact with Water: Removed the Statement: *Solder and fluxes containing lead in excess of 0.2% shall not be used in contact with potable water. ~~Metal alloys in contact with potable water shall not exceed 8% lead.~~*

Section 4.1.13, Pipe Flanges: Changed the conformance standard for Iron Flanges as follows, *Pipe flanges shall conform to ASME B16.24 for bronze flanges and ~~ANSI B16.1~~ [ASTM A 126](#) for cast iron flanges.*