ASSE Standard #1053 Issued: May, 2004

Performance Requirements for Dual Check Backflow Preventer Wall Hydrants – Freeze Resistant Type

Errata Sheet Issued: April 15, 2005

1.2.4 Pressure

The devices shall be designed for a minimum working pressure of 125.0 psi (861.9 kPa). The devices shall be designed for an operating pressure range of 20.0 psi to 125.0 psi (137.8 kPa to 861.9 kPa) as a minimum range.

3.9.2 Procedure

The device shall be installed in the test system in a closed position as shown in Figure 2. With the throttle valve fully open, the supply valve shall be opened to provide 10.0 psi (69.0 kPa) to the device. Gradually open the device to full flow. The device shall be installed in the test system in a closed position as shown in Figure 2. With the throttling valve fully open, the supply valve shall be opened to provide 20.0 psi (137.9 kPa) or the manufacturer's stated minimum operating pressure, whichever is lower, to the device. Open the device to full flow.

3.9.3 Criteria

Any leakage at the vent ports from 20.0 psi (137.9 kPa) or the manufacturer's stated minimum operating pressure, whichever is lower, to at full flow shall result in a rejection of the device.