Field Test Procedure for 3 Valve Test on an ASSE 1056 (SRVB)

Flush Test Cocks (TC)

Step #1: Bleed test cock
Step #2: Loosen vent screw - close vent screw
Step #3: Remove air-inlet canopy/hood

Attach Test Kit

Step #1: Attach test kit
Step #2: Close high and low valves - open bypass valve
Step #3: Attach high to TC #1
Step #4: Open TC #1
Step #5: Open high valve - bleed air - close

Test #1 – Tightness of Check Valve

Step #1: Close #2 shutoff
Step #2: Center test kit at the vent screw elevation
Step #3: Close #1 shutoff
Step #4: Slowly remove vent screw

Test Results: Record gauge value. If the differential gauge reading is 1 psid or higher when the discharge from the vent screw stops, record as tight.

Test #2 – Air-Inlet Opening

Step #1: Open high valve and record differential gauge reading when the air-inlet opens
Step #2: Record if air-inlet valve is fully open

Test Results: If the air–inlet is visibly open when the differential gauge reading is 1 psid or greater, record valve passed.

Restore System

Step #1: Close all TC's
Step #2: Remove hose
Step #3: Open all valves on test kit to drain water
Step #4: Restore to pre-test condition
Step #5: Reinstall air-inlet canopy/hood

Field Test Procedure for 5 Valve Test on an ASSE 1056 (SRVB)

Flush Test Cocks (TC)

Step #1: Open TC - close
Step #2: Loosen vent screw - close vent screw
Step #3: Remove air-inlet canopy/hood

Attach Test Kit

Step #1: Attach test kit
Step #2: Close high and low valve and high and low bleed valves - open bypass valve
Step #3: Attach high to TC #1
Step #4: Open TC #1
Step #5: Bleed air by opening high bleed valve - close

Test #1 – Tightness of Check Valve

Step #1: Close #2 shutoff
Step #2: Center test kit at the vent screw elevation
Step #3: Close #1 shutoff
Step #4: Slowly remove vent screw on SVB

Test Results: Record gauge value. If the differential gauge reading is 1 psid or higher when the discharge from the vent screw stops, record check valve as tight.

Test #2 – Air-Inlet Opening

Step #1: Open high valve and record differential gauge reading when the air-inlet opens
Step #2: Record if air-inlet valve is fully open

Test Results: If the air–inlet is visibly open when the differential gauge reading is 1 psid or greater, record valve as passed.

Restore System

Step #1: Close all TCs
Step #2: Remove hose
Step #3: Open all valves on test kit to drain water
Step #4: Restore to pre-test condition
Step #5: Reinstall air-inlet canopy/hood