

SVB Test Procedures – Short Form

1. Preliminary Steps:

- a. Notify
- b. Identify
- c. Inspect
- d. Observe

2. Purge:

- a. Open test cock, purge and close
- b. Loosen Vent Screw, purge and close

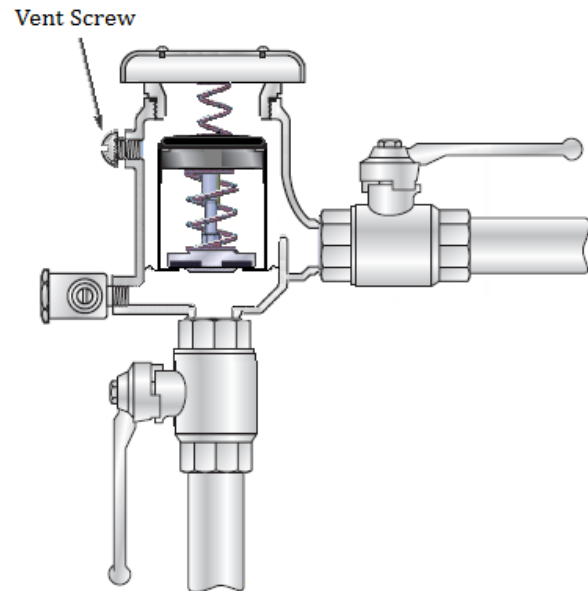
3. Set Up:

- a. Remove Air Inlet Valve Cover
- b. Install fittings using Teflon Tape
- c. Install Compensating Valve to the test cock
- d. Connect High Hose to Compensating Valve on test cock
- e. Close High Control Valve
- f. Close High Bleed Valve
- g. Open test cock
- h. Open High Bleed Valve, purge air, close High Bleed Valve, (Pointer is Pegged)
- i. Close # 2 Shut Off Valve
- j. Close # 1 Shut Off Valve

4. Perform Test # 1, Check Valve:

Test Requirement: At least 1 psi in a static condition.

- a. Hold Gauge at same level as Air Inlet Valve (Top of the Assembly)
- b. Loosen Vent Screw, (vent water in body to atmosphere)
- c. When water pressure is gone, remove screw completely and read the Gauge
- d. Record the reading
- e. Proceed to test # 2



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5. Perform Test # 2, Air Inlet Valve:

Test Requirement: The Air Inlet Valve must open when the pressure in the body is no less than 1 psi and shall open completely.

- a. Hold Gauge at the level of the Vent Hole
- b. Open High Bleed Valve to establish a slow, steady drop of the pointer
- c. When the pointer on the gauge stops and water starts to leak from Vent Hole, Read the Gauge, record Gauge reading.
- d. Observe that the Air Inlet opened fully, (approx. 3/16")
- e. Replace Vent Screw into Vent Hole
- f. Close test cock
- g. Open #1 Shut Off Valve
- h. Open # 2 Shut Off Valve
- i. Disconnect High Hose
- j. Remove fitting and Compensating Valve
- k. Open all valves on Gauge
- l. Drain Gauge and place Gauge, Hoses and fittings in box
- m. File Test and Repair Form Appropriately

