

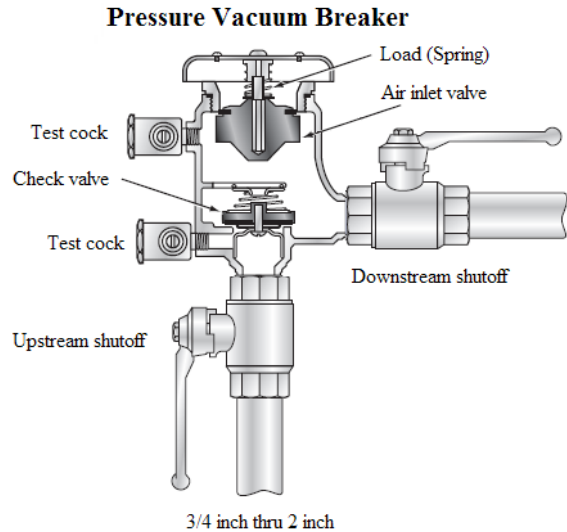
PVB Test Procedures – Short Form

1. Preliminary Steps:

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

2. Purge Test Cocks and Install Fittings:

- a. Open # 1 test cock, purge and close
- b. Open # 2 test cock, purge and close
- c. Install fittings using Teflon Tape



3. Set Up, Test # 1:

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

4. Perform Test # 1, 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 Air Inlet Valve
- b. Open High Bleed Valve to establish a slow, steady drop of the pointer
- c. When the pointer on the gauge falls rapidly, record the highest reading on gauge when the pointer speed increased.
- d. Observe that the Air Inlet opened fully.
- e. Close # 2 test cock
- f. Disconnect High Hose to completely drain the body
- g. Confirm that the Air Inlet has fully opened.

PVB Test Procedures – Short Form

5. Set Up, Test # 2:

- a. Connect High Hose to Compensating Valve on # 1 test cock
- b. Open # 1 Shut Off Valve
- c. Open # 1 test cock
- d. Open High Bleed Valve, purge air, Close High Bleed Valve, (Pointer is Pegged)
- e. Close # 1 Shut Off Valve

6. Perform Test # 2, Check Valve:

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

- a. Hold Gauge at same level as # 2 test cock
- b. Open # 2 test cock
- c. When the water stops running from the # 2 test cock, read the Gauge
- d. Record the reading
- e. Close # 2 test cock
- f. Open # 1 Shut Off Valve
- g. Open # 2 Shut Off Valve
- h. Disconnect High Hose
- i. Remove Compensating Valve and fittings
- j. Open all valves on Gauge
- k. Drain Gauge and place Gauge, Hoses and fittings in box
- l. File Test and Repair Form Appropriately

