

## 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

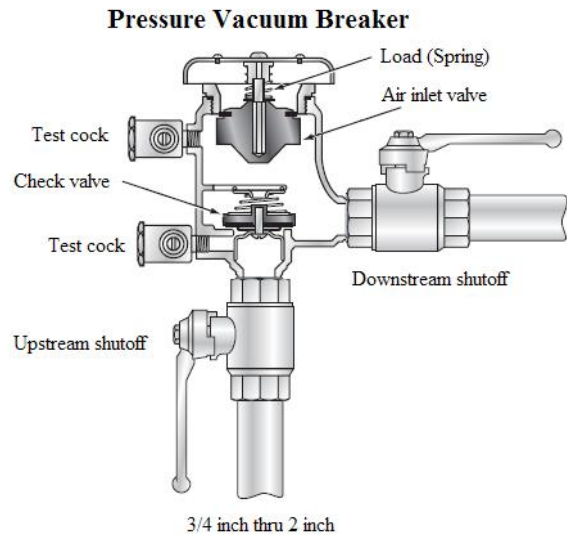
### 3. Set Up, Test # 1:

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



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### 5. Set Up, Test # 2:

- a. Connect High Hose to # 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. Close # 1 test cock
- g. Open # 1 Shut Off Valve
- h. Open # 2 Shut Off Valve
- i. Disconnect High Hose
- j. Remove fittings
- k. Open all valves on Gauge
- l. Drain Gauge and place Gauge, Hoses and fittings in box
- m. File Test and Repair Form Appropriately

