

5-Valve Test Procedure for a Reduced Pressure Principal Backflow Preventor (ASSE1013)

PREPARING TO TEST THE ASSEMBLY	Test#2 BACKPRESSURE ON # 2 CHECK VALVE
<input type="checkbox"/> Notify the customer <input type="checkbox"/> Inspect the area for safety <input type="checkbox"/> Determine if the assembly is Approved & Appropriate <input type="checkbox"/> Record Make, Model #, Serial # & Assembly Type	<input type="checkbox"/> 1. If Gauge is steady & No Water is Dripping from the Relief Valve, the #2 Check Valve is Considered to be Tight.
FLUSHING OF TEST COCKS	Test #3. DIFFERENTIAL VALUE ON # 1 CHECK VALVE (5psid>)
<input type="checkbox"/> 1. Place Test Adapters on Test Cocks 1, 2, 3, and 4 (If needed) <input type="checkbox"/> 2. Open TC # 4 – <u>Let flow</u> <input type="checkbox"/> 3. Flush TC #1, #2 & #3 <input type="checkbox"/> 4. Close TC # 4 <input type="checkbox"/> 5. Make sure all 5 Valves on the Gauge are CLOSED!!!	<input type="checkbox"/> 1. Close the By-Pass Valve!!! – <u>Close the By-Pass Valve</u> <input type="checkbox"/> 2. Open TC # 2 <input type="checkbox"/> 3. Open Low Side Bleed Valve, to Cause Reading to Rise, Then Close Low Side Bleed Valve <input type="checkbox"/> <u>Read the Gauge and Record Value (5psid>)</u>
ATTACHING THE TEST KIT	Test #4. RELIEF VALVE OPENING POINT(2psid>)
<input type="checkbox"/> 1. Attach High Side Hose to TC # 2 <input type="checkbox"/> 2. Attach Low Side Hose to TC # 3 <input type="checkbox"/> 3. Slowly open TC#3 <input type="checkbox"/> 4. Open Low Side Bleed Valve (<u>Leave Open</u>) <input type="checkbox"/> 5. Open TC #2 <input type="checkbox"/> 6. Open High Side Bleed Valve, Bleed Air, Then Close <input type="checkbox"/> 7. Close Low Side Bleed Valve <input type="checkbox"/> 8. Attach By-Pass Hose to TC # 4 <input type="checkbox"/> 9. Open High Side Control Valve (one full turn) <input type="checkbox"/> 10. Open By-Pass Valve (1/4 Turn) <input type="checkbox"/> 11. Loosen By-Pass Hose at TC # 4 to Bleed Air, Then Tighten <input type="checkbox"/> 12. S-L-O-W-L-Y Open Low Side Bleed Valve to Cause Differential Reading to Rise – Then Close (Reset) <input type="checkbox"/> 13. Record Value of System Pressure (If Required)	<input type="checkbox"/> 1. <u>Place the Top of Your Hand Under the Relief</u> <input type="checkbox"/> 2. S-L-O-W-L-Y Open Low Valve <input type="checkbox"/> 3. As Soon as You Feel the First Drop of Water on Your Hand. <u>Read the Gauge and Record Value(2psid>)</u> <input type="checkbox"/> Close Low Control Valve
	Test #5. TIGHTNESS OF # 2 CHECK (1psid>) (Optional Test)
	<input type="checkbox"/> 1. Close TC # 2 <input type="checkbox"/> 2. Close TC # 3 <input type="checkbox"/> 3. Close TC # 4 <input type="checkbox"/> 4. Remove By-pass Hose from TC # 4 <input type="checkbox"/> 5. Remove Low Side Hose from TC # 3 and place it on TC # 4 <input type="checkbox"/> 6. Remove High Side Hose from TC # 2 and Place it on TC # 3 <input type="checkbox"/> 7. Open TC # 3 <input type="checkbox"/> 8. Open High Side Bleed Valve – Bleed Air, Then Close <input type="checkbox"/> 9. Open TC # 4 <input type="checkbox"/> 10. Open Low Side Bleed Valve – Bleed Air, Then Close <input type="checkbox"/> <u>9. Read the Gauge & Record Value (1psid>)</u>
Test #1. TIGHTNESS OF # 2 SHUT OFF VALVE	RESTORE SYSTEM
<input type="checkbox"/> 1. Close Shutoff valve #2 <input type="checkbox"/> 2. Open TC # 4 <input type="checkbox"/> 3. Close TC # 2 – Pause to Allow Gauge to Readjust <input type="checkbox"/> 4. <u>Read the Gauge & Record Value (ex: Closed Tight)</u> <ul style="list-style-type: none"> • If the Pressure Differential Gauge Remains Steady, Record the #2 ShutOff Valve as Tight. Test procedure PASSES. • If the Pressure Differential Gauge Drops to ZERO, This Means The # 2 Shut Off is in a Flow Condition and the #2 Shut Off Valve is not holding. Test procedure FAILED. 	<input type="checkbox"/> 1. Close All Test Cocks <input type="checkbox"/> 2. Remove Hoses <input type="checkbox"/> 3. Open All Valves on the Test Kit and Drain Water <input type="checkbox"/> 4. Restore Water to Building by Opening # 2 Shut Off Valve on Assembly

5-Valve Test Procedure / Double Check Valve Assembly (Pressure Differential)

PREPARING TO TEST THE ASSEMBLY	Test #1 TIGHTNESS OF # 2 SHUT OFF VALVE	
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Notify the customer <input type="checkbox"/> 2. Inspect the area for safety <input type="checkbox"/> 3. Determine if the assembly is Approved & Appropriate <input type="checkbox"/> 4. Record Make, Model, Serial #, Size & Type 	<ul style="list-style-type: none"> <input type="checkbox"/> 1. Turn Off Shut Off Valve # 2 <input type="checkbox"/> 2. Open TC # 4 <input type="checkbox"/> 3. Close TC # 2 – Pause to Allow Gauge to Readjust <input type="checkbox"/> 4. Read the Gauge & Record Value (Example: Tight) 	
FLUSHING OF TEST COCKS	Test #2 TIGHTNESS OF #1 CHECK	
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Place Test Adapters on Test Cocks (If needed) <input type="checkbox"/> 2. Flush TC #1, #2, #3 & #4 <input type="checkbox"/> 3. Make sure all 5 valves on Gauge are closed 	<ul style="list-style-type: none"> <input type="checkbox"/> 1. Close TC # 4 <input type="checkbox"/> 2. Close High Valve <input type="checkbox"/> 3. Remove By-Pass Hose from TC #4 <input type="checkbox"/> 4. Open TC # 2 <input type="checkbox"/> 5. S-L-O-W-L-Y Open Low Side Bleed Valve to Cause Differential Reading to Rise – Then Close <input type="checkbox"/> 6. Read the Gauge & Record Value If the Pressure Differential Gauge Reading should be 1 PSID or Above. 	
ATTACHING THE TEST KIT	Test #3 TIGHTNESS OF # 2 CHECK	
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Attach High Side Hose to TC # 2 <input type="checkbox"/> 2. Attach Low Side Hose to TC # 3 <input type="checkbox"/> 3. Open TC # 2 <input type="checkbox"/> 4. Open TC #3 <input type="checkbox"/> 5. Open High Side Bleed Valve, Bleed Air, Then Close <input type="checkbox"/> 6. Open Low Side Bleed Valve, Bleed Air, Then Close <input type="checkbox"/> 7. Attach By-Pass Hose to TC # 4 <input type="checkbox"/> 8. Open High Side Valve (1/4 Turn) <input type="checkbox"/> 9. Open By-Pass Valve <input type="checkbox"/> 10. Loosen By-Pass Hose at TC # 4 to Bleed Air, Then Tighten <input type="checkbox"/> 11. S-L-O-W-L-Y Open Low Side Bleed Valve to Cause Differential Reading to Rise – Then Close 	<ul style="list-style-type: none"> <input type="checkbox"/> 1. Close TC # 2 <input type="checkbox"/> 2. Close TC # 3 <input type="checkbox"/> 3. Remove Low Side Hose from TC # 3 and place it on TC # 4 <input type="checkbox"/> 4. Remove High Side Hose from TC # 2 and Place it on TC # 3 <input type="checkbox"/> 5. Open TC # 3 <input type="checkbox"/> 6. Open High Side Bleed Valve – Bleed Air, Then Close <input type="checkbox"/> 7. Open TC # 4 <input type="checkbox"/> 8. Open Low Side Bleed Valve – Bleed Air, Then Close <input type="checkbox"/> 9. Read the Gauge & Record Value A) If the Pressure Differential Gauge Reading Should be 1 PSID or Above. 	
	<th data-bbox="808 1371 1528 1409">RESTORE SYSTEM</th>	RESTORE SYSTEM
	<ul style="list-style-type: none"> <input type="checkbox"/> 1. Close All Test Cocks <input type="checkbox"/> 2. Remove Hoses <input type="checkbox"/> 3. Open All Valves on the Test Kit and Drain Water <input type="checkbox"/> 4. Restore Water to building by Opening # 2 Shut Off Valve on Assembly 	

5-Valve Test Procedure for a Double Check Valve Assembly (Direction of Flow)

Preparation	Test #2: Check Valve #2
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Notify customer <input type="checkbox"/> 2. Inspect the area for safety <input type="checkbox"/> 3. Determine if the assembly is Approved & Appropriate <input type="checkbox"/> 4. Record Make, Model, Serial #, Size & Type <input type="checkbox"/> 5. Install test adapter fittings (if required) <input type="checkbox"/> 6. Flush TC # 1, #2, #3 & #4 <input type="checkbox"/> 7. Close all valves on gauge 	<ul style="list-style-type: none"> <input type="checkbox"/> 1. Move vertical tube from TC #3 to TC #4 <input type="checkbox"/> 2. Move high hose to TC #3 <input type="checkbox"/> 3. Open high bleed valve <input type="checkbox"/> 4. Open TC #3 slowly <input type="checkbox"/> 5. close high bleed valve when air stops <input type="checkbox"/> 6. Open TC #4 to fill vertical tube <input type="checkbox"/> 7. Close TC #4 <input type="checkbox"/> 8. Close shut-off valve #1 <input type="checkbox"/> 9. Center gauge with top of vertical tube <input type="checkbox"/> 10. Open TC #4 <input type="checkbox"/> 11. Record status of check valve #2(closed tight @ 1psid> or leaking)
Test #1: Check Valve #1	Condition of Shut Off Valves
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Install vertical tube on TC #3 <input type="checkbox"/> 2. Open High bleed valve on gauge <input type="checkbox"/> 3. Attach high hose to TC #2 <input type="checkbox"/> 4. Open TC #2 slowly <input type="checkbox"/> 5. Close high bleed valve when air stops <input type="checkbox"/> 6. Open TC #3 to fill vertical tube <input type="checkbox"/> 7. Close TC #3 <input type="checkbox"/> 8. Close shut-off valve #2 <input type="checkbox"/> 9. Record service line pressure (if required) <input type="checkbox"/> 10. Close shut-off valve #1 <input type="checkbox"/> 11. Center gauge with top of vertical tube <input type="checkbox"/> 12. Open TC #3 <input type="checkbox"/> 13. Record status of check valve #1(closed tight @ 1psid> or leaking) <input type="checkbox"/> 14. Close TC #2 and TC #3 <input type="checkbox"/> 15. Open shut-off valve #1 	<ul style="list-style-type: none"> <input type="checkbox"/> 1. Close TC #3 & #4 <input type="checkbox"/> 2. Remove all hoses <input type="checkbox"/> 3. Open shut-off valve #1 <input type="checkbox"/> 4. Open shut-off valve slowly #2
	Final
	<ul style="list-style-type: none"> <input type="checkbox"/> Close TC #3 & #4 <input type="checkbox"/> Remove all hoses <input type="checkbox"/> Open shut-off valve #1 <input type="checkbox"/> Open shut-off valve slowly #2

** Remove unused hoses from gauge or keep hoses the same level as gauge**

5 - Valve Test Procedure – Pressure Vacuum Breaker

PREPERATION	TEST # 2: Check Valve Value
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Notify the customer <input type="checkbox"/> 2. Inspect the area for safety <input type="checkbox"/> 3. Determine if the assembly is Approved & Appropriate <input type="checkbox"/> 4. Record Make, Model #, Serial # & Size <input type="checkbox"/> 5. Close All Valves on Test Gauge <input type="checkbox"/> 6. Remove Low Side Hose from Gauge (If attached) <input type="checkbox"/> 7. Remove Canopy and Clean Debris Around Air Inlet <input type="checkbox"/> 8. Flush TC#1 <input type="checkbox"/> 9. Flush TC#2 <input type="checkbox"/> 10. Turn Off The # 2 Shut off Valve <input type="checkbox"/> 11. Open High Side Bleed Valve 	<ul style="list-style-type: none"> <input type="checkbox"/> 1. Attach High Side Hose to TC #1 <input type="checkbox"/> 2. SLOWLY Open TC # 1 <input type="checkbox"/> 3. Close High Side Bleed Valve <input type="checkbox"/> 4. Turn Off The # 1 Shut off Valve <input type="checkbox"/> 5. With the Gauge Centerline at Elevation of PVB <input type="checkbox"/> 6. SLOWLY Open TC # 2 and Record PSID Value When Water Stops Flowing from TC #2 (1psid>) <input type="checkbox"/> 7. Close TC #2 & TC #1 <input type="checkbox"/> 8. Remove Hose from TC#1
TEST # 1: Air Inlet Opening	Restore system:
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Attach high hose to TC #2 <input type="checkbox"/> 2. SLOWLY - Open TC #2 <input type="checkbox"/> 3. Close High Side Bleed Valve <input type="checkbox"/> 4. Turn Off The # 1 Shut off Valve <input type="checkbox"/> 5. Center Gauge to PVB <input type="checkbox"/> 6. Place Finger / Small Screwdriver to Air-Inlet Valve (OK to listen for POP) <input type="checkbox"/> 7. With the Gauge Centerline at Elevation of PVB <input type="checkbox"/> 8. SLOWLY Open High Side Bleed Valve and Observe PSID Recording when Air Inlet Pops (1psid>) <input type="checkbox"/> 9. Close TC # 2 <input type="checkbox"/> 10. Turn on the # 1 Shut off Valve 	<ul style="list-style-type: none"> <input type="checkbox"/> 1. Open the # 1 Shut off Valve First <input type="checkbox"/> 2. Open the # 2 Shut off Valve

** Remove unused hoses from gauge or keep hoses the same level as gauge**



3-Valve Test Procedure for a Reduced Pressure Principal Backflow Preventor

PREPARING TO TEST THE ASSEMBLY	Test #2: BACKPRESSURE TEST FOR # 2 CHECK
<input type="checkbox"/> 1. Notify the customer <input type="checkbox"/> 2. Inspect the area for safety <input type="checkbox"/> 3. Determine if the assembly is Approved & Appropriate <input type="checkbox"/> 4. Record Make, Model #, Serial # & Size	<input type="checkbox"/> 1. If No Water is Dripping from the Relief Valve, the # 2 Check Valve is Considered Tight.
FLUSHING OF TEST COCKS	Test #3: CHECK VALVE #1 DIFFERENTIAL VALUE (5psid>)
<input type="checkbox"/> 1. Place Test Adapters on Test Cocks (If needed) <input type="checkbox"/> 2. Open TC # 4 – Let flow <input type="checkbox"/> 3. Open TC # 1, then close <input type="checkbox"/> 4. Open TC # 2, then close <input type="checkbox"/> 5. Open TC # 3, then close <input type="checkbox"/> 6. Close TC # 4 <input type="checkbox"/> 7. Make sure High & Low Valves on the Gauge are CLOSED!! <input type="checkbox"/> Open Vent/Bypass Valve on gauge	<input type="checkbox"/> 1. Close TC#4 <input type="checkbox"/> 2. Close High Control Valve <input type="checkbox"/> 3. Remove Vent/Bypass hose from TC#4 <input type="checkbox"/> 2. Open TC # 2 <input type="checkbox"/> 3. Open Low Side Control Valve, to Cause Reading to Rise, Then Close... <input type="checkbox"/> <u>Read the Gauge and Record Value</u> <input type="checkbox"/> A) If the Pressure Differential Gauge Reading is 5 PSID or Above, Record the #1 Check Valve as tight.
ATTACHING THE TEST KIT	Test #4: RELIEF VALVE OPENING VALUE
<input type="checkbox"/> 1. Attach High Side Hose to TC # 2 <input type="checkbox"/> 2. Attach Low Side Hose to TC # 3 <input type="checkbox"/> 3. Slowly open TC#3 <input type="checkbox"/> 4. Open Low Side Control Valve (Leave Open) <input type="checkbox"/> 5. Open TC #2 <input type="checkbox"/> 6. Open High Side Control Valve, Bleed Air, Then Close <input type="checkbox"/> 7. Close Low Side Bleed Valve <input type="checkbox"/> 8. Close Vent/Bypass Valve on gauge	<input type="checkbox"/> 1. Close Vent/Bypass Valve on gauge <input type="checkbox"/> 2. Open High Control Valve <input type="checkbox"/> 3. S-L-O-W-L-Y Open Low Valve <input type="checkbox"/> 4. <i>Place the Top of Your Hand Under the Relief (2psid>)</i> <input type="checkbox"/> 5. As Soon as You Feel the First Drop of Water on Your Hand. <u>Read the Gauge and Record Value</u>
Test #1: TIGHTNESS OF # 2 SHUT OFF VALVE	Test #5: TIGHTNESS OF # 2 CHECK (1psid>) (Optional)
<input type="checkbox"/> 1. Attach Vent/Bypass Hose to TC # 4 <input type="checkbox"/> 2. Open High Side Control Valve <input type="checkbox"/> 3. Open Vent/Bypass Valve on gauge <input type="checkbox"/> 4. Loosen Vent/Bypass Hose at TC # 4 to Bleed Air, Then Tighten <input type="checkbox"/> 5. Close Shutoff valve #2 <input type="checkbox"/> 6. Open TC # 4 <input type="checkbox"/> 7. Close TC # 2 – Pause to Allow Gauge to Readjust <input type="checkbox"/> 8. <u>Read the Gauge & Record Value (ex: Closed Tight)</u> <input type="checkbox"/> If the Pressure Differential Gauge Remains Steady, Record The #2 Shut Off Valve as Tight. Test procedure PASSED.	<input type="checkbox"/> 1. Close TC # 2 <input type="checkbox"/> 2. Close TC # 3 <input type="checkbox"/> 3. Remove Low Side Hose from TC # 3 and place it on TC # 4 <input type="checkbox"/> 4. Remove High Side Hose from TC # 2 and Place it on TC # 3 <input type="checkbox"/> 5. Open TC # 3 <input type="checkbox"/> 6. Open Vent/Bypass Valve on gauge <input type="checkbox"/> 7. Open High Side Control Valve – Bleed Air, Then Close <input type="checkbox"/> 8. Open TC # 4 <input type="checkbox"/> 9. Open Low Side Control Valve – Bleed Air, Then Close <input type="checkbox"/> 10. Close Vent/Bypass Valve on gauge <input type="checkbox"/> 11. <u>Read the Gauge & Record Value</u>
	RESTORE SYSTEM <input type="checkbox"/> 1. Close All Test Cocks <input type="checkbox"/> 2. Remove Hoses <input type="checkbox"/> 3. Open All Valves on the Test Kit and Drain Water <input type="checkbox"/> 4. Restore Water by Opening # 2 Shut Off Valve

3-Valve Test Procedure for Double Check Valve Assembly Backflow Protector (Pressure Differential)

PREPERATION	Test #1: TIGHTNESS OF # 2 SHUT OFF VALVE
<input type="checkbox"/> 1. Notify the customer <input type="checkbox"/> 3. Determine if the assembly is Approved & Appropriate <input type="checkbox"/> 4. Record Make, Model #, Serial # and on test report form	<input type="checkbox"/> 1. Open TC # 4 <input type="checkbox"/> 2. Close TC # 2 – Pause to Allow Gauge to Readjust <input type="checkbox"/> 3. Read the Gauge & Record Value (Example:Tight)
FLUSHING OF TEST COCKS	Test #2 TIGHTNESS OFF#1 CHECK
<input type="checkbox"/> 1. Place Test Adapters on Test Cocks (If needed) <input type="checkbox"/> 2.Flush TC #1, #2, #3, & #4 Close <input type="checkbox"/> 6. Close High & Low control valves <input type="checkbox"/> 7. Leave Open Vent/Bypass valve <input type="checkbox"/> 8. Turn off Shut Off Valve # 2 on assembly	<input type="checkbox"/> 1. Close TC # 4 <input type="checkbox"/> 2. Close High Valve <input type="checkbox"/> 3. Remove Vent/Bypass Hose from TC #4 <input type="checkbox"/> 4. Open TC # 2 <input type="checkbox"/> 5. Open Low Side Control Valve to CauseDifferential Reading to Rise – Then Close <input type="checkbox"/> 6. Read the Gauge & Record Value o Pressure Differential Gauge Reading should be 1 PSID or Above.
ATTACHING THE TEST KIT	Test #3 TIGHTNESS OF # 2 CHECK
<input type="checkbox"/> 1. Attach High Side Hose to TC # 2 <input type="checkbox"/> 2. Attach Low Side Hose to TC # 3 <input type="checkbox"/> 3. Open TC # 2 <input type="checkbox"/> 4. Open High Side Control Valve, Bleed Air, Then Close <input type="checkbox"/> 5. Open TC #3 <input type="checkbox"/> 6. Open Low Side Control Valve, Bleed Air, Then Close <input type="checkbox"/> 7. Attach Vent/Bypass Hose to TC # 4 <input type="checkbox"/> 8. Open Low Control Side Valve <input type="checkbox"/> 9. Loosen By-Pass Hose at TC # 4 to Bleed Air,Then Tighten <input type="checkbox"/> 10. Close Low Control Valve <input type="checkbox"/> 11. Open High Control Valve	<input type="checkbox"/> 1. Close TC # 2 <input type="checkbox"/> 2. Close TC # 3 <input type="checkbox"/> 3. Remove Low Side Hose from TC # 3 and place it on TC # 4 <input type="checkbox"/> 4. Remove High Side Hose from TC # 2 and place it on TC # 3 <input type="checkbox"/> 5. Open TC # 3 <input type="checkbox"/> 6. Open High Side Bleed Valve – Bleed Air,Then Close <input type="checkbox"/> 7. Open TC # 4 <input type="checkbox"/> 8. Open Low Side Bleed Valve – Bleed Air,Then Close <input type="checkbox"/> 9. Read the Gauge & Record Value A) Pressure Differential Gauge Reading Should be 1 PSID or Above.
	RESTORE SYSTEM <input type="checkbox"/> 1. Close All Test Cocks <input type="checkbox"/> 2. Remove Hoses <input type="checkbox"/> 3. Open All Valves on the Test Kit and Drain Water <input type="checkbox"/> 4. Restore Water to building by Opening #2 Shut Off Valve

3-Valve Test Procedure for a Double Check Valve Assembly

(Direction of Flow)

PREPARATION	TEST #2: CHECK VALVE #2
<ul style="list-style-type: none"> <input type="checkbox"/> Notify customer <input type="checkbox"/> Inspect the area for safety <input type="checkbox"/> Determine if the assembly is Approved & Appropriate <input type="checkbox"/> Record Make, Model, Serial #, Size & Type <input type="checkbox"/> Install test adapter fittings (if required) <input type="checkbox"/> Flush TC # 1, 2, 3, 4 <input type="checkbox"/> Open High & Low control valves and Bypass valve on gauge 	<ul style="list-style-type: none"> <input type="checkbox"/> Move vertical tube from TC #3 to TC #4 <input type="checkbox"/> Move high hose from TC #2 to TC #3 <input type="checkbox"/> Open TC #3 slowly <input type="checkbox"/> Open high control valve then close high control valve <input type="checkbox"/> Open TC #4 to fill vertical tube <input type="checkbox"/> Close TC #4 <input type="checkbox"/> Close #1 shut-off valve <input type="checkbox"/> Open TC #4 <input type="checkbox"/> Record value of check valve #2 (1.0 psid or > to pass)
TEST #1: CHECK VALVE #1	RECORD SHUT-OFF VALVES
<ul style="list-style-type: none"> <input type="checkbox"/> Install vertical tube on TC #3 <input type="checkbox"/> Install High hose on TC #2 <input type="checkbox"/> Close Low control valve <input type="checkbox"/> Open TC #2 slowly <input type="checkbox"/> Close High control valve when air stops <input type="checkbox"/> Open TC #3 to fill vertical tube, then close <input type="checkbox"/> Close shut-off valve #2 <input type="checkbox"/> Record supply pressure (if required) <input type="checkbox"/> Close #1 shut-off valve <input type="checkbox"/> Center gauge with top of vertical tube <input type="checkbox"/> Open TC #3 <input type="checkbox"/> Record value of check valve #1 (1.0psid. or > to pass) <input type="checkbox"/> Close TC #2 and TC #3 <input type="checkbox"/> Open #1 shut-off valve 	<ul style="list-style-type: none"> <input type="checkbox"/> Record shut-off valve #1 & #2 <ul style="list-style-type: none"> o (closed tight or leaking)
	RESTORE SYSTEM
	<ul style="list-style-type: none"> <input type="checkbox"/> Close TC #3 & #4 <input type="checkbox"/> remove all hoses <input type="checkbox"/> Open shut-off valve #1 <input type="checkbox"/> Open shut-off valve #2

3-Valve Test Procedure for a Pressure Vacuum Breaker Assembly
(Direction of Flow)

PREPERATION	TEST #2 - CHECK VALVE VALUE
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Notify the customer <input type="checkbox"/> 2. Inspect the area for safety <input type="checkbox"/> 3. Determine if the assembly is Approved & Appropriate <input type="checkbox"/> 4. Record Make, Model #, Serial # on test report form <input type="checkbox"/> 5. Close All Valves on Test Gauge <input type="checkbox"/> 6. Remove Low Side Hose from Gauge (optional) <input type="checkbox"/> 7. Remove Canopy and Clean Debris Around Air Inlet <input type="checkbox"/> 8. Flush TC#1 <input type="checkbox"/> 9. Flush TC#2 <input type="checkbox"/> 10. Turn Off The # 2 Shut off Valve 	<ul style="list-style-type: none"> <input type="checkbox"/> Open High Side Control Valve <input type="checkbox"/> Open Vent/Bypass Valve <input type="checkbox"/> Attach High Side Hose to TC #1 <input type="checkbox"/> <u>SLOWLY</u> Open TC # 1 <input type="checkbox"/> Close Vent/Bypass Valve <input type="checkbox"/> Turn Off The # 1 Shut off Valve <input type="checkbox"/> With the Gauge Centerline at Elevation of PVB <u>SLOWLY</u> Open TC # 2 Fully and Record PSID Value When Water Stops Flowing from TC #2 <input type="checkbox"/> Close Test Cocks and Remove hose
TEST #1: AIR INLET OPENING	RESTORE SYSTEM
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Attach high hose to TC #2 <input type="checkbox"/> 2. SLOWLY - Open TC #2 <input type="checkbox"/> 3. Open High Side Control Valve <input type="checkbox"/> 4. Open Vent/Bypass Valve, Bleed Air <input type="checkbox"/> 5. Close Vent/Bypass valve <input type="checkbox"/> 6. Turn Off The # 1 Shut off Valve <input type="checkbox"/> 7. Center Gauge to PVB <input type="checkbox"/> 8. Place Finger / Small Screwdriver to Air-Inlet Valve <input type="checkbox"/> 9. With the Gauge Centerline at Elevation of PVB SLOWLY Open Vent/Bypass Valve and Observe PSID Recording when Air Inlet Pops. <input type="checkbox"/> 10. Close TC # 2 & Remove Hose <input type="checkbox"/> 11. Turn on the # 1 Shut off Valve 	<ul style="list-style-type: none"> <input type="checkbox"/> 1. Open Shut off Valve #1 First <input type="checkbox"/> 2. Open Shut off Valve #2

