



DEVELOPMENT SERVICES
Building Inspection Division

BACKFLOW PREVENTION ASSEMBLY TEST REPORT

Name of Premise: _____

Street Address: _____

Location of Assembly: _____

Assembly: _____
 Manufacturer (make) Model Serial No. Size

Existing Replacement New

Type of Assembly: RPBA DCVA PVBA RPDA DCDA AG

Line Pressure at Time of Test: _____ psi. Testing Equip.: DIFF. DUP. S.T.

	REDUCED PRESSURE ASSEMBLIES			PRESSURE VACUUM BREAKER		
	DOUBLE CHECK ASSEMBLIES		Relief Valve	Buffer (A-B=C)	AIR INLET	CHECK VALVE
	1 st Check	2 nd Check			Opened at	Pressure Drop
	(A)	(B)	(C)		_____ psid	_____ psid
Initial Test	DC-closed tight <input type="checkbox"/> RP-actual pressure drop _____ psid Confirmation Test Yes <input type="checkbox"/> No <input type="checkbox"/> Leaked <input type="checkbox"/>	Closed tight <input type="checkbox"/> Confirmation Test Yes <input type="checkbox"/> No <input type="checkbox"/> Leaked <input type="checkbox"/>	Opened at _____ psid Passed <input type="checkbox"/> Failed <input type="checkbox"/>	_____ psid	Did not open <input type="checkbox"/>	Leaked <input type="checkbox"/>
Test After Repair	DC-closed tight <input type="checkbox"/> Confirmation Test Yes <input type="checkbox"/> No <input type="checkbox"/> RP-actual pressure drop _____ psid	Closed tight <input type="checkbox"/>	Opened at _____ psid	_____ psid	Opened at _____ psid	Pressure Drop _____ psid

Air Gap Inspection: Required minimum air gap separation provided: YES NO

Initial Test Performed By: _____ Cert. No.: _____ Date: _____

Business Name: _____

Business Address: _____

Business Phone: _____

Complete reverse if assembly fails initial test.

I certify that I have tested the above assembly and that it meets the performance requirements outlined in The British Columbia Plumbing Code, 1992.

 Tester's Signature

 Owner's Representative Signature

CHECK CAUSES FOR BACKFLOW PREVENTOR FAILING INITIAL TEST

	No. 1 CHECK VALVE	No. 2 CHECK VALVE	RELIEF VALVE
1. Isolating gate valve(s) passing water			N/A
2. Foreign matter introduced during construction			
3. Sand or grit inherent to the supply system			
4. Copper filings, solder, or pipe dope			
5. Nuts, bolts, washers, etc. (not from assembly)			
6. Paper, cardboard, or sawdust			
7. Improper assembly installed			
8. Kinking of external sensing line	N/A	N/A	
9. Air entrapment			
10. Tuberculation or rust			
11. Frozen assembly			
12. Abnormal rubber disc wear or cuts			
13. Spring(s)			
14. O-ring(s)			
15. Loss of interior coating			
16. Disc retainer (fractured or worn)			
17. Retainer nut			
18. Improper casting or machining of assembly			
19. guide mechanism			
20. Obstructed sensing line	N/A	N/A	
21. Diaphragm failure	N/A	N/A	
23. Replace rubber parts			
24. Test cock(s) missing from assembly			N/A
25. Improper (unapproved) installation			
55. Assembly no longer required			
66. Assembly replaced			
97. Couldn't test – Explain below			
98. Vertical installation - YES <input type="checkbox"/> NO <input type="checkbox"/>	N/A	N/A	N/A

22. Other: (specify) _____

REMARKS: _____

