

City of Langley

Backflow Prevention Assembly REPAIR Test Report

(Note: Complete and return this page ONLY if repair or replacement is required)

Repaired or Replaced BFP Assembly Info (BFP Tester – Please correct or add missing information)

<input checked="" type="checkbox"/> Assembly Status : <input type="checkbox"/> Repair <input type="checkbox"/> Replacement (if required, fill in appropriate data)					
Assembly Make	Assembly Model No	Assembly Serial No	Assembly Size (in.)	Assembly Type	Old Serial No if applicable

BFP Type Repaired BFP Test Results (BFP Tester - Record test results AFTER repairs are complete)

<input type="checkbox"/> RPBA or → <input type="checkbox"/> RPDA	Check Valve # 1 RP pressure drop (A) ____ . ____ psid <input type="checkbox"/> Closed Tight <input type="checkbox"/> Leaked	Check Valve # 2 <input type="checkbox"/> Closed Tight <input type="checkbox"/> Leaked	Relief Valve (≥ 2 psid) Opened at (B) ____ . ____ psid <input type="checkbox"/> Passed <input type="checkbox"/> Failed	Buffer (≥ 3 psid) A – B = Buffer ____ . ____ psid <input type="checkbox"/> Passed <input type="checkbox"/> Failed	
Air Gap →	Required minimum air gap separation provided for RP? <input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> DCVA or → <input type="checkbox"/> DCDA	Check Valve # 1 (≥ 1 psid) <input type="checkbox"/> Closed Tight ____ . ____ psid <input type="checkbox"/> Leaked	Check Valve # 2 (≥ 1 psid) <input type="checkbox"/> Closed Tight ____ . ____ psid <input type="checkbox"/> Leaked	Sight Tube <input type="checkbox"/> Closed Tight <input type="checkbox"/> Confirmation <input type="checkbox"/> Leaked		
<input type="checkbox"/> PVBA →	Air Inlet Valve Opened at ____ . ____ psid	<input type="checkbox"/> Opened Fully <input type="checkbox"/> Passed <input type="checkbox"/> Failed	Check Valve Closed at ____ . ____ psid <input type="checkbox"/> Passed <input type="checkbox"/> Failed		

Cause of BFP Assembly Failing Initial Test (BFP Tester - Circle the reason for failure and add comments)

1. Isolation gate valve(s) passing water. 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. 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 sending line. 21. Diaphragm failure. 22. Replace rubber parts. 23. Test cock(s) missing from assembly 24. Improper (unapproved) installation. 25. Assembly no longer required. 26. Assembly replaced. 27. Couldn't test (explain below). 28. Vertical installation. Yes [] No [] 29. Other (explain below)
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Remarks: _____

Certified BFP Tester Info (BFP Tester - Please fill out this section and sign below)

Tester's Name (Please print)	Tester's BCWWA Cert. No	Company Name	Tester's Phone No
Test Gauge Make	Test Gauge Model No	Test Gauge Serial No	Calibration Date (dd-mon-yyyy)
			Calibrated By

Tester's Certification: I certify that I have tested the above assembly and that it meets the performance requirements outlined in the current edition of the BC Building Code and Canadian Standards Association – CAN/CSA B64.10

Tester's Signature	Date Test Completed (dd-mon-yyyy)	Owner's or Representative Signature
Mail or Fax COMPLETED report to:	City of Langley 20399 Douglas Crescent Langley, B.C. V3A 4B3	Tel : 604 514-2800 Fax: 604 514-2322 Website langleycity.ca