



THE CORPORATION OF THE DISTRICT OF SAANICH

INSPECTION SERVICES DIVISION
 770 Vernon Avenue Victoria, BC V8X 2W7
 Phone: (250) 475-5457 Fax: (250) 475-5450

BACKFLOW PREVENTION ASSEMBLY TEST REPORT

Name of Premise: _____
 Street Address: _____
 Location of Assembly: _____
 Assembly: _____

Make _____ Model _____ Serial # _____ Size _____
 Existing ~ Replacement ~ (replaces serial # _____) New ~

Type of Assembly: RPBA ~ DCVA ~ PVBA ~ RPDA ~ DCDA ~ AG ~

Test Equipment: Differential Gauge ~ Duplex Gauge ~ Site Tube ~

Line Pressure at time of Test: _____ . _____ psi

Initial Assembly Test (Before Any Repairs Have Been Made)				
RPBA or RPDA	Check Valve # 1 RP pressure drop (A) ____ . ____ psid Closed Tight 9 Leaked 9	Check Valve # 2 Closed Tight 9 Leaked 9	Relief Valve (\$2 psi) Opened at (B) ____ . ____ psid Passed 9 Failed 9	Buffer (\$3 psi) A - B = Buffer ____ . ____ psi Passed 9 Failed 9
DCVA or DCDA	Check Valve # 1 Close tight 9 ____ . ____ psid Leaked 9	Check Valve # 2 Close tight 9 ____ . ____ psid Leaked 9	Site Tube # 1 # 2 Closed tight 9 9 Confirmation 9 9 Leaked 9 9	
PVBA	Air Inlet Valve Opened at ____ . ____ psid Opened Fully 9 Passed 9 Failed 9	Check Valve Closed at ____ . ____ psid Passed 9 Failed 9	Air Gap Inspection Required minimum air gap Separation provided YES 9 NO 9	

If the initial assembly test fails, complete the back of this form.

Serial number of the gauge used in this test? _____

When was this guage last calibrated? ____/____/____

Initial Test Performed By: _____ Cert. # _____ Date ____/____/____

Business Name: _____ Business Phone: _____

Business Address: _____ Postal Code: _____

Testers Signature: _____ Owners Signature _____

Test After All Repairs Have Been Made

RPBA or RPDA	Check Valve # 1 RP pressure drop (A) ____ . ____ psid Closed tight 9 Leaked 9	Check Valve # 2 Closed tight 9 Leaked 9	Relief Valve (\$ 2 psi) Opened at (B) ____ . ____ psid Passed 9 Failed 9	Buffer (\$ 3 psi) A - B = Buffer ____ . ____ psi Passed 9 Failed 9
DCVA or DCDA	Check Valve # 1 Close tight 9 ____ . ____ psid Leaked 9	Check Valve # 2 Close tight 9 ____ . ____ psid Leaked 9	Site Tube # 1 # 2 Closed tight 9 9 Confirmation 9 9 Leaked 9 9	
PVBA	Air Inlet Valve Opened at ____ . ____ psid Opened Fully 9 Passed 9 Failed 9	Check Valve Closed at ____ . ____ psid Passed 9 Failed 9	Air Gap Inspection Required minimum air gap Separation provided YES 9 NO 9	

Causes for Backflow preventor failing initial test

Please circle the reason for failure and add comments

- | | | | |
|----|---|----|--|
| 1 | Isolation gate valve(s) passing water | 16 | Disc retainer (fractured or worn) |
| 2 | Foreign matter introduced during construction | 17 | Retainer nut |
| 3 | Sand or grit inherent to the supply system | 18 | Improper casting or machining of assembly |
| 4 | Copper filings, solder or pipe dope | 19 | Guide mechanism |
| 5 | Nuts, bolts, washers etc. (not from assembly) | 20 | Obstructed sensing line |
| 6 | Paper, cardboard or sawdust | 21 | Diaphragm failure |
| 7 | Improper assembly installed | 23 | Replace rubber parts |
| 8 | Kinking of external sensing line | 24 | Test cock(s) missing from assembly |
| 9 | Air entrapment | 25 | Improper (unapproved) installation |
| 10 | Tuberculation or rust | 55 | Assembly no longer required |
| 11 | Frozen Assembly | 66 | Assembly replaced |
| 12 | Abnormal rubber disc wear or cuts | 97 | Couldn't test (explain below) |
| 13 | Spring(s) | 98 | Vertical installation Yes 9 No 9 |
| 14 | O-Ring(s) | 22 | Other (explain below) |
| 15 | Loss of interior coating | | |

Remarks:
