

City of Corona  
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Backflow Prevention Assembly Test Report

Advanced Flow Engineering

Due Date: 4/19/2023

Account No. : 09709894 Manufacturer: Wilkins Size : 2-1/2"

Meter No. : 74047477, 69006628 Model : 375ASTR Serial Number: 9659G

Service Address: 232 Granite St, Corona, CA

Device Location: at st

Meter Read : \_\_\_\_\_ Proper Installation: (Y/N) Detector Flow :(Y/N) Inlet Water Pressure: \_\_\_\_\_ PSI

Assembly: <input type="checkbox"/> RP <input type="checkbox"/> DC <input type="checkbox"/> PVB <input type="checkbox"/> DCDA <input type="checkbox"/> RPDA <input type="checkbox"/> DCDA-II <input type="checkbox"/> RPDA-II	REDUCED PRESSURE PRINCIPLE ASSEMBLY			PRESSURE VACUUM BREAKER
	DOUBLE CHECK ASSEMBLY			
	Check Valve #1	Check Valve #2	Relief Valve	Air Inlet
Initial Test	<input type="checkbox"/> Tight <input type="checkbox"/> Leaked Holding PSID: _____	<input type="checkbox"/> Tight <input type="checkbox"/> Leaked Holding PSID: _____	<input type="checkbox"/> Did Not Open <input type="checkbox"/> Discharging Opening PSID: _____	<input type="checkbox"/> Did Not Open <input type="checkbox"/> Discharging Opening PSID: _____
REPAIRS	<input type="checkbox"/> Cleaned <input type="checkbox"/> Replaced	<input type="checkbox"/> Cleaned <input type="checkbox"/> Replaced	<input type="checkbox"/> Cleaned <input type="checkbox"/> Replaced	Check Valve
	<input type="checkbox"/> Disc / O-Ring <input type="checkbox"/> Spring <input type="checkbox"/> Seat <input type="checkbox"/> Module <input type="checkbox"/> Test Cock (#1 - #2) <input type="checkbox"/> Other	<input type="checkbox"/> Disc / O-Ring <input type="checkbox"/> Spring <input type="checkbox"/> Seat <input type="checkbox"/> Module <input type="checkbox"/> Test Cock (#3 - #4) <input type="checkbox"/> Other	<input type="checkbox"/> Disc / O-Ring <input type="checkbox"/> Diaphragm <input type="checkbox"/> Spring <input type="checkbox"/> Stem <input type="checkbox"/> Seat <input type="checkbox"/> Other	Holding PSID: _____ <input type="checkbox"/> Cleaned <input type="checkbox"/> Replaced <input type="checkbox"/> Disc / O-Ring <input type="checkbox"/> Module <input type="checkbox"/> Seat <input type="checkbox"/> Other
<b>When existing backflow assembly is replaced, complete this block and "Final Test" with new assembly information:</b>				
Size :	Manufacturer :	Model :	Serial No.:	
Final Test	<input type="checkbox"/> Closed Tight Holding PSID: _____	<input type="checkbox"/> Closed Tight Holding PSID: _____	Opening PSID: _____	Opening PSID: _____ Holding PSID: _____

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

TEST RESULTS - I certify the above to be true and correct.

Initial	Date: Cert. #:	Tested by : Gauge #:	Exp. Date:	<input type="checkbox"/> Passed <input type="checkbox"/> Failed
Repair	Date:	Repaired by :		
Final	Date: Cert. #:	Retested by : Gauge #:	Exp. Date:	<input type="checkbox"/> Passed <input type="checkbox"/> Failed

Required minimum holding PSID for a #1 Check Valve on a reduced pressure principle assembly is 5.0 PSID

**City of Corona**  
**Backflow Prevention Assembly Test**

Account Number: 09709894  
Customer: Advanced Flow Eng.  
Service Address: 232 Granite St  
Corona, CA

**Backflow Prevention Device**

Make	Model	Size	Type	Serial Number
Wilkins	375ASTR	2-1/2"	RP	9659G

Location Description: at st

**Certification**

Test	Date	Check Valve #1	Check Valve #2	Relief Valve	Result
Initial	3/9/2023	0.0 PSID	Leaked	0.0 PSID	Fail
Final					

Overall Result: FAIL

Note: #1 check valve leaks, reading drops to the relief valve opening point when the #2 shutoff valve is closed. The #1 check valve must hold at a 5.0 psi or greater in order to pass.

If device is unable to be repaired or is missing, it must be replaced with an USC approved lead-free Reduced Pressure Principle Assembly (RP) backflow per City of Corona Resolution No. 88-100 and Title 17 of the California administrative Code. The RP should be located as close as practical to the water meter with no lateral lines between the meter and RP device in order to provide the required protection to the City's public water system and must comply with all installation requirements per City of Corona Engineering Standards.

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Gauge Number:  
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