5 Valve Test on an ASSE 1013

Flush Test Cocks (TC) (**RP/RPF**) Field Testing Requirements **#1 Check Differential** 1. Install test adapters (if applicable) 1. Close bypass valve ŧ 2. Open TC #4 - let trickle 2. Open TC #2 Test 3. Open TC #1 - close 3. Open low bleed valve to cause reading to 4. Open TC #2 - close increase 5. Open TC #3 - close 4. Close low bleed valve 6. Close TC #4 TEST RESULTS 1. Close high, low and bypass valves and Record gauge value. high and low bleed valves on test kit Record the pressure differential across #1 check 2. Attach high hose to TC #2 valve. If the differential gauge reading is 5 psid 3. Attach low hose to TC #3 or above, record #1 check valve as tight. 4. Open TC #2 **Relief Valve Opening** #4 Kit 5. Open high bleed valve - bleed air - close Test 6. U_F 7. Open lov. 8. Attach bypass IN 9. Open high valve 10. Open bypass val rsen bypass ' 1. Slowly open low valve 7. Open low bleed valve - bleed air - close TEST RESULTS 8. Attach bypass hose to TC #4 The relief valve must drip when the differential gauge reading is 2 psid or above. 10. Open bypass valve **Restore System** 11. Loosen bypass hose at TC #4 - bleed 1. Close all TCs 2. Remove hoses air - tighten 12. Slowly open low bleed valve to cause 3. Open all valves on test kit to drain water differential gauge reading to rise - close 4. Restore #2 shutoff valve to pre-test state **Tightness of the #2 Shutoff Valve** \mathbf{F} 1. Close #2 shutoff value 2. Open TC #4 Test 3. Close TC #2 4. Read differential gauge TEST RESULTS If differential gauge reading remains steady, record #2 shutoff valve as tight. #2 Check w/ Backpressure Test If differential gauge reading remains steady in Test #1, record #2 check valve as tight.



3 Valve Test on an ASSE 1013

$\widehat{\Omega}$	(RP/RPF) Field Testing Requirements	TEST RESULTS	
Flush Test Cocks (TC)	1. Install test adapters (if applicable)	Record gauge value.	
	2. Open TC #4 - let trickle	Record the pressure differential across #1 check valve	
ပီ	3. Open TC #1 - close	If the differential gauge reading is 5 psid or above,	
Γest	4. Open TC #2 - close	record #1 check valve as tight.	
sh]	5. Open TC #3 - close	Relief Valve Opening	
Flu	6. Close TC #4	1. Close bypass valve	
	1. Close high and low valves and open bypass		
	valve on test kit	2. Open high valve 3. Slowly open low valve	
	2. Attach high hose to TC #2	TEST RESULTS	
	3. Attach low hose to TC #3	Record relief valve psid opening point. The relief valve must	
	4. Open TC #2	drip when the differential gauge reading is 2 psid or above.	
	5. Open high valve - bleed air - close	Restore System	
	6. Open TC #3	1. Close all TCs	
	7. Open low valve - bleed air - close	2. Remove hoses	
<u>Xit</u>	8. Attach bypass hose to TC #4	3. Open all valves on test kit to drain water	
estI	9. Open low valve	4. Restore #2 shutoff valve to pre-test condition	
L T	10. Loosen bypass hose at TC #4 - bleed air - tighten		
Attach Test Kit	11. Close low valve		
At	12. Open high valve		
	Tightness of the #2 Shutoff Valve		
#1	1. Close #2 shutoff valve		
	2. Open TC #4		
Test	3. Close TC #2		
	4. Read differential gauge		
	TEST RESULTS		
	If the differential gauge reading remains steady, record #2		
shu	shutoff valve as tight.		
#2	#2 Check w/ Backpressure Test		
st	If the differential gauge reading remains steady in		
Ĕ	Test #1 record #2 check valve as tight.		
	#1 Check Differential		
	1. Close TC #4		
	2. Close high valve		
	3. Remove bypass hose from TC #4		
	4. Open TC #2		
Test #3	5. Open low valve to cause differential gauge	STRUCTURE	
	reading to increase		
Ē	6. Close low valve		

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