5 Valve Test on an ASSE 1020

#3

(PVB) Field Testing Requirements

- 1. Install test adapters (if applicable)
- Flush TCs 2. Open TC #1 - close
 - 3. Open TC #2 close
 - 4. Remove air-inlet canopy/hood
 - 1. Close high, low and bypass valves and high and low bleed valves on test kit
 - 2. Attach high hose to TC #1
- Attach Test Kit 3. Attach low hose to TC #2
 - 4. Open TC #1
 - 5. Open high valve bleed air close
 - 6. Open TC #2

7. Open low valve - bleed air - close

Tightness of #2 Shutoff Valve

- 1. Close #2 shutoff valve
- 2. Open high valve #
- Test 3. Open low valve (differential will read zero)
- 4. Close high valve
 - 5. Close low valve
 - 6. Close #1 shutoff valve

TEST RESULTS

If differential gauge reading does not rise above zero (0), record #2 shutoff valve is tight.

♀ |Tightness of the Check Valve

- 3 1. Open #1 shutoff valve
- **E** 2. Open low bleed valve close low bleed valve

TEST RESULTS

If differential gauge reading holds steady at 1 psid or higher, record the check valve as tight.

Air Inlet Opening

- 1. Close TC #1 and TC #2
- 2. Remove hoses from TC #1 and TC #2
- 3. Attach high hose to TC #2
- 4. Open TC #2 Test
 - 5. Open high bleed valve bleed air close
 - 6. Center differential gauge at TC #2
 - 7. Close #1 shutoff valve
 - 8. Open high bleed valve and record differintial gauge reading when the air inlet opens

TEST RESULTS

Record gauge value. If air inlet is visibly open when differential gauge reading is 1 psid or higher,

record valve as passed.

Restore System

- 1. Close TC #2
- 2. Remove high hose
- 3. Open all valves on test kit to drain water
- 4. Restore to pre-test state
- 5. Replace air-inlet canopy/hood



3 Valve Test on an ASSE 1020 PVB

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	(PV	/B) Field Testing Requirements		Air Inlet Opening
TCs	1.	Install test adapters (if applicable)] [1. Close TC #1 and TC #2
	2.	Open TC #1 - close		2. Remove hoses from TC #1 and TC #2
ısh	3.	Open TC #2 - close		3. Attach high hose to TC #2
Flu	4.	Remove air-inlet canpoy/hood		4. Open TC #2
ach Test Kit	1.	Close high and low valves and open bypass		5. Open high valce - bleed air - close
		valve on test kit		6. Center differential gauge at TC #2
	2.	Attach high hose to TC #1		7. Close #1 shutoff
	3.	Attach low hose to TC #2		8. Open high valve and record differential gauge
	4.	Open TC #1		reading when the air inlet opens
	5.	Open high valve - bleed air - close	t #1	
	6.	Open TC #2	Test	
Att	7.	Open low valve - bleed air - close	T	EST RESULTS
st #1	Tightness of #2 Shutoff Valve		If a	air inlet is visibly open when differential gauge reading
	1.	Close #2 shutoff valve	is 1	1 psid or higher, record valve as passed.
	2.	Close bypass valve	Re	eplace Air Inlet Canopy/Hood
	3.	Open high valve	Re	estore System
	4.	Open low valve (differential will read zero)	1.	. Close TC #2
	5.	Close high valve	2.	. Remove high hose
	6.	Close low valve	3.	. Open all valves on test kit to drain water
Te	7.	Close #1 shutoff valve	4.	. Restore to pre-test state
TE	TEST RESULTS		5.	. Replace air-inlet canopy/hood
If differential gauge reading does not rise above zero (0), record				
n u	iffere	ntial gauge reading does not rise above zero (0), record		
#2 s	iffere huto	ntial gauge reading does not rise above zero (0), record ff valve as tight.		
#2 s	iffere huto Tigl	ntial gauge reading does not rise above zero (0), record ff valve as tight. Itness of the Check Valve		
#2 s	iffere shuto Tigl 1.	ntial gauge reading does not rise above zero (0), record ff valve as tight. Itness of the Check Valve Open #1 shutoff valve		
st #2 ===================================	iffere shuto Tigl 1. 2.	ntial gauge reading does not rise above zero (0), record ff valve as tight. Itness of the Check Valve Open #1 shutoff valve Open bypass valve	-	
Test #2 = 2# 10 U	iffere huto Tigl 1. 2. 3.	ntial gauge reading does not rise above zero (0), record ff valve as tight. Intess of the Check Valve Open #1 shutoff valve Open bypass valve Open low valve, bleed, close low valve	-	
Test #2 5	iffere shuto Tigl 1. 2. 3. ST R	ntial gauge reading does not rise above zero (0), record ff valve as tight. tness of the Check Valve Open #1 shutoff valve Open bypass valve Open low valve, bleed, close low valve ESULTS		
Test #2 Test #7	iffere shuto 1. 2. 3. ST R here i	ntial gauge reading does not rise above zero (0), record ff valve as tight. Intess of the Check Valve Open #1 shutoff valve Open bypass valve Open low valve, bleed, close low valve ESULTS is a differential gauge reading of 1 psid or higher	-	

