

## 5 Valve Test on an ASSE 1015

<b>Flush Test Cocks (TC)</b>	<p><b>(DC/DCF) Field Testing Requirements</b></p> <ol style="list-style-type: none"> <li>1. Install test adapters (if applicable)</li> <li>2. Open TC #4 - let trickle</li> <li>3. Open TC #1 - close</li> <li>4. Open TC #2 - close</li> <li>5. Open TC #3 - close</li> <li>6. Close TC #4</li> </ol>
<b>Attach Test Kit</b>	<ol style="list-style-type: none"> <li>1. Close high, low and bypass valves and high and low bleed valves on test kit</li> <li>2. Attach high hose to TC #2</li> <li>3. Attach low hose to TC #3</li> <li>4. Open TC #2</li> <li>5. Open high bleed valve - bleed air - close</li> <li>6. Open TC #3</li> <li>7. Open low bleed valve - bleed air - close</li> <li>8. Attach bypass hose to TC #4</li> <li>9. Open high valve</li> <li>10. Open bypass valve</li> <li>11. Loosen bypass at TC #4 - bleed air - tighten</li> <li>12. Slowly open low bleed valve to cause differential gauge reading to rise - close</li> </ol>
<b>Test #1</b>	<p><b>Tightness of the #2 Shutoff Valve</b></p> <ol style="list-style-type: none"> <li>1. Close #2 shutoff valve</li> <li>2. Open TC #4</li> <li>3. Close TC #2 (pause to allow gauge to readjust)</li> <li>4. Read differential gauge</li> </ol>
<p><b>TEST RESULTS</b> If differential gauge reading remains steady, record #2 shutoff valve as tight.</p>	

<b>Test #2</b>	<p><b>Tightness of #1 Check Valve</b></p> <ol style="list-style-type: none"> <li>1. Close TC #4</li> <li>2. Close high valve</li> <li>3. Remove bypass hose from TC #4</li> <li>4. Open TC #2</li> <li>5. Slowly open low bleed valve to cause differential gauge reading to rise - close</li> </ol>
<p><b>TEST RESULTS</b> Record gauge value. If differential gauge reading holds steady at 1 psid or higher, record #1 check valve as tight.</p>	
<b>Test #3</b>	<p><b>Tightness of #2 Check Valve</b></p> <ol style="list-style-type: none"> <li>1. Close TC #2 and TC #3</li> <li>2. Remove high and low hoses</li> <li>3. Attach high hose to TC #3</li> <li>4. Attach low hose to TC #4</li> <li>5. Open TC #3</li> <li>6. Open high bleed valve - bleed air - close</li> <li>7. Open TC #4</li> <li>8. Open low bleed valve - bleed air - close</li> </ol>
<p><b>TEST RESULTS</b> Record gauge value. If differential gauge reading holds steady at 1 psid or higher, record #2 check valve as tight.</p>	
<p><b>Restore System</b></p> <ol style="list-style-type: none"> <li>1. Close all TCs</li> <li>2. Remove hoses</li> <li>3. Open all valves on test kit to drain water</li> <li>4. Restore #2 shutoff valve to pre-test state</li> </ol>	



### 3 Valve Test on an ASSE 1015

<b>Flush Test Cocks (TC)</b>	<p><b>(DC/DCF) Field Testing Requirements</b></p> <ol style="list-style-type: none"> <li>1. Install test adapters (if applicable)</li> <li>2. Open TC #4 - let trickle</li> <li>3. Open TC #1 - close</li> <li>4. Open TC #2 - close</li> <li>5. Open TC #3 - close</li> <li>6. Close TC #4</li> </ol>
<b>Attach Test Kit</b>	<ol style="list-style-type: none"> <li>1. Close high and low valves and open bypass valve on test kit</li> <li>2. Attach high hose to TC #2</li> <li>3. Attach low hose to TC #3</li> <li>4. Open TC #2</li> <li>5. Open high valve - bleed air - close</li> <li>6. Open TC #3</li> <li>7. Open low valve - bleed air - close</li> <li>8. Attach bypass hose to TC #4</li> <li>9. Open low valve</li> <li>10. Loosen bypass hose at TC #4 - bleed air - tighten</li> <li>11. Close low valve</li> <li>12. Open high valve</li> </ol>
<b>Test #1</b>	<p><b>Tightness of the #2 Shutoff Valve</b></p> <ol style="list-style-type: none"> <li>1. Close #2 shutoff valve</li> <li>2. Open TC #4</li> <li>3. Close TC #2 (pause to allow gauge to readjust)</li> <li>4. Read differential gauge</li> </ol>
<p><b>TEST RESULTS</b></p> <p>If the differential gauge reading remains steady, record #2 shutoff valve as tight.</p>	
<b>Test #2</b>	<p><b>Tightness of #1 Check Valve</b></p> <ol style="list-style-type: none"> <li>1. Close TC #4</li> <li>2. Close high valve</li> <li>3. Remove bypass hose from TC #4</li> <li>4. Open TC #2</li> <li>5. Open low valve to cause differential gauge reading to rise - close</li> </ol>

<p><b>TEST RESULTS</b></p> <p>Record gauge value.</p> <p>If differential gauge reading holds steady at 1 psid or higher, record #1 check as tight.</p>	
<b>Test #3</b>	<p><b>Tightness of #2 Check Valve</b></p> <ol style="list-style-type: none"> <li>1. Close TC #2 and TC #3</li> <li>2. Remove high and low hoses</li> <li>3. Attach high hose to TC #3</li> <li>4. Attach low hose to TC #4</li> <li>5. Open TC #3</li> <li>6. Open high valve - bleed air - close</li> <li>7. Open TC #4</li> <li>8. Open low valve - bleed air - close</li> </ol>
<p><b>TEST RESULTS</b></p> <p>Record gauge value.</p> <p>If the differential gauge reading holds steady at 1 psid or higher, record #2 check valve as tight.</p>	
<p><b>Restore System</b></p> <ol style="list-style-type: none"> <li>1. Close all TCs</li> <li>2. Remove hoses</li> <li>3. Open all valves on test kit to drain water</li> <li>4. Restore #2 shutoff valve to pre-test condition</li> </ol>	

