Table 2-4 Tests and Inspection Requirements*(Continued)*

<table>
<tr><th>Test Block Name</th><th>Test or “Inspection” to Perform</th><th>Expected Test Results</th><th>What to Record on Service Record</th></tr>
<tr><td></td><td>
Linearity Test
<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>Reduce the manometer pressure down to 150 mmHg.</td></tr>
<tr><td>2</td><td>Wait 10 sec for the measurement to stabilize.</td></tr>
<tr><td>3</td><td>Compare the manometer values with the displayed values.</td></tr>
<tr><td>4</td><td>Document the value displayed by the Monitor.
If the difference is greater than 3 mmHg then calibrate the module.</td></tr>
</table>
Valve Test
<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>Raise the pressure to 280 mmHg.</td></tr>
<tr><td>2</td><td>Press Stop on the module to open valves.</td></tr>
<tr><td>3</td><td>Wait 5 seconds then document the value.</td></tr>
</table>
</td><td>Value displayed on Monitor = x3
If difference (<= 3 mmHg)

Proceed to next test

Value displayed on Monitor = x4
(< 10 mmHg)</td><td>PN:P/x1/x2/x3/x4 or PN:F/x1/x2/x3/x4
where P = Pass
and F = Fail</td></tr>
<tr><td>Performance Test Sidestream CO_2</td><td>
Flow Adjustment Procedure
<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>Enter the CO_2 Sidestream Task Window by pressing Parameters followed by CO2 Sidestream.</td></tr>
<tr><td>2</td><td>Press Start Pump. The date and time of the last flow adjustment are displayed.</td></tr>
<tr><td>3</td><td>Start the Flow Adjustment procedure by connecting the flow meter and pressing Start Pump. After about 5 seconds, the flow in ml/min displays in the Task Window.</td></tr>
<tr><td>4</td><td>Use the Adjust Flow to adjust the value displayed in the Task Window to the value displayed by the external flow meter.</td></tr>
<tr><td>5</td><td>Write down the value displayed by the CMS (x1).</td></tr>
<tr><td>6</td><td>Press Confirm to store the readjusted flow rate value. After about 5 seconds, the message “Adjustment done” displays. The flow is automatically set to 100 ml/min.</td></tr>
<tr><td>7</td><td>If the displayed value is not 100 ml/min, repeat Steps 3 through 5.</td></tr>
</table>
</td><td>Value displayed on CMS = x1
(where x1 = 100 +/– 10 ml/min)

Proceed to next test</td><td></td></tr>
</table>

Table 2-4 Tests and Inspection Requirements*(Continued)*

<table>
<tr><th>Test Block Name</th><th>Test or “Inspection” to Perform</th><th>Expected Test Results</th><th>What to Record on Service Record</th></tr>
<tr><td>Performance Test Sidestream CO_2 (contd.)</td><td>Barometric Pressure Adjustment Procedure<table><tr><th>Step</th><th>Action</th></tr><tr><td>1</td><td>Press Barometer Pressure to adjust the Barometric Pressure value. The Task Window displays the stored barometric pressure in mmHg.</td></tr><tr><td>2</td><td>If the displayed value is incorrect, use the Barometer Pressure key to adjust the value to atmospheric pressure.</td></tr><tr><td>3</td><td>Document the Difference (x2) between the actual atmospheric pressure and the value displayed by the CMS.</td></tr><tr><td>4</td><td>Press Confirm to store the displayed or adjusted value. After about 5 seconds, the message “Adjustment done” displays. The barometric pressure is then set to the value you entered.</td></tr><tr><td>5</td><td>Press Main Screen (or Standard Display) to return to the standard display in Service mode</td></tr></table></td><td>Difference = x2
(<= 4 mmHg)</td><td>PSC:P/x1/x2
or
PSC:F/x1/x2
where P = Pass
and F = Fail</td></tr>
<tr><td>Performance Test ECG</td><td>Step 1 Connect the patient simulator to the ECG Parameter Module using the Patient cable.
Step 2 Configure the Patient simulator as follows:
ECG sinus rhythm
HR = 120 BPM (Amplitude 1 mV)
Step 3 Check displayed ECG wave and HR value against the simulator configuration.</td><td>HR = 120 +/– 2 BPM</td><td>These results do not have to be reported.</td></tr>
<tr><td>Performance Test Respiration</td><td>Step 1 Connect the patient simulator to the ECG/Resp Module using the patient cable.
Step 2 Configure the patient simulator as follows:
Base impedance line 1500 Ohm
Delta impedance 0.5 Ohm
Respiration Rate 40/min
Step 3 Check displayed respiration rate against the simulator configuration.</td><td>RPM = 40 +/– 2 /min</td><td>These results do not have to be reported.</td></tr>
<tr><td>Performance Test Cardiac Output</td><td>Step 1 Connect the patient simulator to the C.O. Module using the patient cable.
Step 2 Configure the Patient simulator as follows:
Injection temperature: 2 °C
Computation Const: 0.542
(Edward's Catheter)
Flow 5 l/min
Step 3 Check displayed value against the simulator configuration.</td><td>C.O. = 5 +/– 1 l/min.</td><td>These results do not have to be reported.</td></tr>
</table>