



**SAN DIEGO AIR POLLUTION CONTROL DISTRICT**  
**COMPLIANCE DIVISION**  
**10124 OLD GROVE ROAD**  
**SAN DIEGO CA 92131**  
**PHONE (858) 586-2650      FAX (858) 586-2651**

<b>APCD USE ONLY</b>
SECTOR _____
ID# _____
NOV# _____

**ISD OPERABILITY TEST PROCEDURE**  
**Exhibit 9 of ARB E.O. VR 202-XX**

**Facility Name:** \_\_\_\_\_ **A/C or PO Number:** \_\_\_\_\_ **Time of Test:** \_\_\_\_\_  
(Record exact time of test in order to demonstrate proper test sequencing as required in Attachment A )

**For ISD Alarm Response Purposes only:** ISD Pressure Sensor verified to be in proper orientation:  Yes or  No

<b>Pressure Sensor Location:</b> Dispenser No.: _____ / _____	<b>Pressure Sensor Serial No.</b> _____
Ullage Pressure from Digital Manometer _____ Pressure from TLS Console _____ Compare the two readings and enter the difference _____ "w.c.	
Non-Calibrated Sensor Value _____ "w.c.	

Dispenser <sup>1</sup>	Fueling Point <sup>2</sup>	Vapor Flow Meter Serial No. <sup>3</sup>	Real Time A/L Values from PC Setup Tool <sup>4</sup>	V/L reading for the lowest grade per Exhibit 5	V/L Difference (Real Time A/L From PC Setup Tool Minus V/L From Test) <sup>6</sup>	Pass (P)/ Fail (F) <sup>7</sup>	Additional V/L readings for the lowest grade per Exhibit 5 (If Required) <sup>8</sup>		Average of 3 V/L readings (per Exhibit 5) <sup>9</sup>	Pass (P)/ Fail (F) <sup>10</sup>
							#2	#3		



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(Record exact time of test in order to demonstrate proper test sequencing as required in Attachment A)

Dispenser <sup>1</sup>	Fueling Point <sup>2</sup>	Vapor Flow Meter Serial No. <sup>3</sup>	Real Time A/L Values from PC Setup Tool <sup>4</sup>	V/L reading for the lowest grade per Exhibit <sup>5</sup>	V/L Difference (Real Time A/L From PC Setup Tool Minus V/L From Test) <sup>6</sup>	Pass (P)/ Fail (F) <sup>7</sup>	Additional V/L readings for the lowest grade per Exhibit 5 (If Required) <sup>8</sup>		Average of 3 V/L readings (per Exhibit 5) <sup>9</sup>	Pass (P)/ Fail (F) <sup>10</sup>
							#2	#3		

<p><b>Site Shutdown Test</b></p> <p>Is the power to submersible pumps off after removing power from TLS Console?      <input type="checkbox"/> Yes      <input type="checkbox"/> No</p> <p><i>There shall be no dispensing when the TLS power is off</i></p> <p><i>Must be performed by a certified Veeder Root contractor.</i></p>
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<sup>1</sup>Dispenser: Indicate which dispenser is being tested (for example 1-2, 3-4, 4-5, etc...)

<sup>2</sup>Fueling Points: Indicate the fueling point or side of the dispenser that is being tested (for example 1, 2, 3 etc...)

<sup>3</sup>Vapor Flow Meter Serial Number: There must be one flow meter per dispenser.

<sup>4</sup>Real Time A/L Value from PC Setup Tool: Using Notebook PC and Veeder Root's "ISD PC Setup Tool", version 1.03 or higher, access contemporaneous A/L readings. **The printout of the real time A/L values must be submitted with this datasheet in order for the test results to be considered valid and complete.**

<sup>5</sup>V/L reading for the lowest grade per Exhibit5: V/L reading for the lowest grade of each fueling point obtained from Exhibit 5 of VR-202- XX.

<sup>6</sup>V/L Difference: "Real Time" A/L value from PC Setup Tool Minus V/L obtained from Exhibit 5.

<sup>7</sup>Pass/Fail: If the difference is between +/- 0.15, the vapor flow meter in that dispenser passes this test, go to the next dispenser and repeat the procedure. Otherwise, go to the next column.

<sup>8</sup>Additional V/L readings for the lowest grade per Exhibit5: Run two more V/L tests per Exhibit 5 for the lowest grade point.

<sup>9</sup>Average of 3 V/L readings: Average the two results with the first V/L result (from the fifth column).

<sup>10</sup>Pass/Fail: If the ISD "Real Time" A/L value is within +/- 0.15 of the average of the 3 V/L results, the vapor flow meter in that dispenser passes the operability test. Go to the next dispenser and repeat the procedure. Otherwise, repeat the test with the lowest grade point on the other side of the dispenser (if available). If the second test fails, troubleshoot the flow meter and repeat the testing accordance with Exhibit 9 of VR-202- XX.