



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

APCD USE ONLY	
SECTOR	
ID#	
NOV#	

**VEEDER-ROOT VAPOR POLISHER HYDROCARBON EMISSIONS
 VERIFICATION TEST PROCEDURE
 Exhibit 12 of ARB E.O. VR 203-X and VR-204-X**

- Renewal Testing** (Contractor only)
 Compliance Witness (District only)
 Compliance Testing (District only)
 Engineering Evaluation (Contractor only)

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 L)

FACILITY AND TEST EQUIPMENT INFORMATION		
Vapor Polisher Percent Load ¹ :	_____ %	
Is the Percent Load Greater than 80%?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Calibration Date of Flow Meter:		
Certification/Re-Certification Date of Calibration Check Gas:		
Certification/Re-Certification Date of Inlet Test Gas:		
Calibration & Inlet Gas Documentation Attached to this Form ² ?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
CONVERSION: 9,000 ppm = 0.9% by volume = 50% LEL	Initial Check	After Re-Calibration (If Applicable) <input type="checkbox"/> N/A
HC Analyzer Zero Check Reading ³ :	_____ ppm	_____ ppm
Is the Zero Check Reading Less than 1,000 ppm (0.1% by Volume)?	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
HC Analyzer Calibration Check Reading ³ :	_____ ppm	_____ ppm
Is the Calibration Check Reading Between 8,000 and 10,000 ppm?	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO

TEST RESULTS		
Vapor Control Valve Manually Opened? ⁴	<input type="checkbox"/> YES	<input type="checkbox"/> NO
3-Way Ball Valve in Correct Testing Position? (Refer to Figure 1)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Start Flow Rate ⁵	_____ SCFH	
End Flow Rate ⁵	_____ SCFH	
HC Concentration after 3 minutes ⁶	_____ ppm	
HC Concentration after 4 minutes ⁶	_____ ppm	
HC Concentration after 5 minutes ⁶	_____ ppm	
HC Concentration after 6 minutes ⁶	_____ ppm	
HC Concentration less than 9,000 ppm throughout the entire test?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Vapor Control Valve returned to Automatic Mode?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
3-Way Ball valve returned to Normal Operating Position?	<input type="checkbox"/> YES	<input type="checkbox"/> NO

¹ Attach the Report used to determine the Vapor Polisher Percent Load to this test result form.

² Calibration and inlet gas information as specified in Section 5.2 of Exhibit 12 shall be attached to this form.

³ HC Analyzer readings shall be recorded in parts per million (ppm).

⁴ Attach the IV800 RS232 Command Report to this test result form indicating the date and time the valve was manually opened.

⁵ The flow rates shall be recorded in standard cubic feet per hour (SCFH) and rounded to the nearest tenth (e.g. 0.1 SCFH).

⁶ Record the Hydrocarbon (HC) Concentration in parts per million (e.g. 1,000 ppm). All results less than 9,000 ppm shall be recorded as "<9,000 ppm". All results greater than 9,000 ppm shall be recorded as ">9,000 ppm".