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| **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**

**Facility Name: A/C or PO Number: Date/Time of Test:** \_

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

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| **FACILITY AND TEST EQUIPMENT INFORMATION** | | | | |
| **Vapor Polisher Percent Load1:** | % | | | |
| **Is the Percent Load Greater than 80%?** |  | **YES** | **NO** |  |
| **Calibration Date of Flow Meter:** |  | | | |
| **Certification/Re-Certification Date of Calibration Check Gas (<2 years):** |  | | | |
| **Expiration Date of Inlet Test Gas:** |  | | | |
| **Calibration & Inlet Gas Documentation Attached to this Form2?** |  | **YES** | **NO** |  |
| **CONVERSION: 9,000 ppm = 0.9% by volume = 50% LEL** | **Initial Check** | | **After Re-Calibration**  ***(If Applicable )* N/A** | |
| **HC Analyzer Zero Check Reading3:** | **ppm** | | **ppm** | |
| **Is the Zero Check Reading Less than 1,000 ppm (0.1% by Volume)?** | **YES** | **NO** | **YES** | **NO** |
| **HC Analyzer Calibration Check Reading3:** | **ppm** | | **ppm** | |
| **Is the Calibration Check Reading Between 8,000 and 10,000 ppm?** | **YES** | **NO** | **YES** | **NO** |

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| **TEST RESULTS** | | |
| **Vapor Control Valve Manually Opened?4** | **YES** | **NO** |
| **3-Way Ball Valve in Correct Testing Position?** (*Refer to Figure 1)* | **YES** | **NO** |
| **Start Flow Rate5** | **SCFH** | |
| **End Flow Rate5** | **SCFH** | |
| **HC Concentration after 3 minutes6** | **ppm** | |
| **HC Concentration after 4 minutes6** | **ppm** | |
| **HC Concentration after 5 minutes6** | **ppm** | |
| **HC Concentration after 6 minutes6** | **ppm** | |
| **HC Concentration less than 9,000 ppm throughout the entire test?** | **YES** | **NO** |
| **Vapor Control Valve returned to Automatic Mode?** | **YES** | **NO** |
| **3-Way Ball valve returned to Normal Operating Position?** | **YES** | **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”.