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| --- | --- | --- |
| Text  Description automatically generated | SAN DIEGO AIR POLLUTION CONTROL DISTRICT **COMPLIANCE DIVISION** 10124 Old Grove RoadSAN DIEGO CA 92131PHONE (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)*

|  |  |  |
| --- | --- | --- |
| **FACILITY AND TEST EQUIPMENT INFORMATION** | | |
| **Vapor Polisher Percent Load[[1]](#endnote-1):** | % | |
| **Is the Percent Load Greater than 80%?** | **YES  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]](#endnote-2)?** | **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 Reading[[3]](#endnote-3):** | **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** |

|  |  |
| --- | --- |
| **TEST RESULTS** | |
| **Vapor Control Valve Manually Opened?[[4]](#endnote-4)** | **YES  NO** |
| **3-Way Ball Valve in Correct Testing Position?** (*Refer to Figure 1)* | **YES  NO** |
| **Start Flow Rate[[5]](#endnote-5)** | **SCFH** |
| **End Flow Rate5** | **SCFH** |
| **HC Concentration after 3 minutes[[6]](#endnote-6)** | **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. [↑](#endnote-ref-1)
2. Calibration and inlet gas information as specified in Section 5.2 of Exhibit 12 shall be attached to this form. [↑](#endnote-ref-2)
3. HC Analyzer readings shall be recorded in parts per million (ppm). [↑](#endnote-ref-3)
4. Attach the IV800 RS232 Command Report to this test result form indicating the date and time the valve was manually opened. [↑](#endnote-ref-4)
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). [↑](#endnote-ref-5)
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”. [↑](#endnote-ref-6)