|  |  |  |
| --- | --- | --- |
|  | SAN DIEGO AIR POLLUTION CONTROL DISTRICT **COMPLIANCE DIVISION** 10124 Old Grove RoadSAN DIEGO CA 92131-1649PHONE (858) 586-2650 FAX (858) 586-2651 | **APCD USE ONLY** |
| SECTOR |
| ID# |
| NOV# |

**VAPOR TO LIQUID VOLUME RATIO FOR HEALY PHASE II EVR SYSTEMS**

Tritester Version 2.01 Executive Order 201 and 202

**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**: Hanging hardware visually inspected at the affected dispenser(s): Yes No |

|  |  |
| --- | --- |
| Tritester Serial #: | Date of Last Tritester Calibration: |
| |  |  | | --- | --- | | Grade Points on Site: | (nozzle x grade) | | Non-test, Low Flow: | (nozzle x grade) | | Non-test, High Flow: | (nozzle x grade) | | Non-test, other: | (nozzle x grade) | | Grade Points Tested: | (nozzle x grade) | | Number V/L Passed: | (nozzle x grade) | | Number V/L Failed: | (nozzle x grade) | | **Pre-Test Leak Check:** Pass  Fail  **Post-Test Leak Check:**  Pass  Fail  List grade points tested since last check9  Pass  Fail  grade points  Pass  Fail  grade points  Pass  Fail  grade points |
| **For Engineering Evaluation Only**:  Are at least 2 gallons of product introduced into the system through each dispenser riser prior to conducting this test?  Yes  No  *This test may be conducted in lieu of TP-201.4, Dynamic Back Pressure, provided that at least 2 gallons of product are introduced into the system through each dispenser riser prior to conducting the test*. | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Time of Day1** | **Grade Point2** | **Serial Number of Nozzle** | **Gallons Dispensed (gal)3** | **Flow**  **(GPM)4** | **V/L5** | **V/L**  **Average6**  **(if applicable)** | **Pass (P) Fail (F)**  **or (NT)7** | **Comment8** |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
|  | SAN DIEGO AIR POLLUTION CONTROL DISTRICT **COMPLIANCE DIVISION** 10124 Old Grove RoadSAN DIEGO CA 92131-1649PHONE (858) 586-2650 FAX (858) 586-2651 | **APCD USE ONLY** |
| SECTOR |
| ID# |
| NOV# |

**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)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Time of Day1** | **Grade Point2** | **Serial Number of Nozzle** | **Gallons Dispensed (gal)3** | **Flow**  **(GPM)4** | **V/L5** | **V/L**  **Average6**  **(if applicable)** | **Pass (P) Fail (F)**  **or (NT)7** | **Comments8** |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

1. Record the time of test (time piece shall be synchronized with time on TLS console)(Only required when conducting test in conjunction with Ex 9 ISD Operability Test with VR 202-XX)

2 Grade point: This test shall be performed for all fueling points

3 Amount of gasolinedispensed during test, in gallons, recorded to the nearest hundredth

4 Dispensing Rate, in gallons per minute, recorded to the nearest hundredth

5 Vapor to Liquid Ratio, recorded to the nearest thousandth

6 If the V/L Volumetric Ratio is between 0.76 – 0.94, or greater than or equal to 1.16, conduct the test two additional times. Do not make adjustments to the gasoline dispensing or vapor recovery lines until all three test runs have been completed. Adjustments of the V/L test equipment, including the V/L adaptor and nozzle, are allowed as may be necessary to ensure measurement accuracy. If the V/L test equipment is adjusted, then the prior test run results for that grade point tested should not be used. Calculate the numerical average of the three test runs. If the average V/L value of these three test runs is within the allowable limits, compliance has been verified.

7 If the V/L Volumetric Ratio is between 0.95 –1.15, the grade point complies with the specifications. Non-tests include: Nozzle spouts that are damaged such that the V/L adaptor cannot fit over the nozzle spout or refueling points not capable of achieving dispensing rates required for conducting the V/L test, as specified in Exhibit 2 of applicable ARB Executive Order (between 6.0 and 10.0 gpm). NT=Non Test

8 Comments (e.g. reason for non-test, equipment adjustments, etc.)

9District recommends leak checking equipment during test to minimize lost data due to failure of post test leak check.