APCD
AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

SAN DIEGO AIR POLLUTION CONTROL DISTRICT
COMPLIANCE DIVISION
10124 OLD GROVE ROAD
SAN DIEGO CA 92131-1649
PHONE (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

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

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

Tritester Serial #:		Date of Last Tritester Calibration:
Grade Points on Site:	(nozzle x grade)	**Pre-Test Leak Check:** Pass ☐ Fail ☐
Non-test, Low Flow:	(nozzle x grade)	**Post-Test Leak Check:** Pass ☐ Fail ☐
Non-test, High Flow:	(nozzle x grade)	List grade points tested since last check[9] _____
Non-test, other:	(nozzle x grade)	Pass ☐ Fail ☐ grade points _____
Grade Points Tested:	(nozzle x grade)	Pass ☐ Fail ☐ grade points _____
Number V/L Passed:	(nozzle x grade)	Pass ☐ Fail ☐ grade points _____
Number V/L Failed:	(nozzle x grade)	

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 Day[1]	Grade Point[2]	Nozzle[3]	Gallons Dispensed (gal)[4]	Flow (GPM)[5]	V/L[6]	V/L Average[7] (if applicable)	Pass (P) Fail (F) or Non-Test (NT)[8]	Comment[9]

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

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[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] *Model and Serial Number of the nozzle*
[4] *Amount of gasoline dispensed during test, in gallons, recorded to the nearest hundredth*
[5] *Dispensing Rate, in gallons per minute, recorded to the nearest hundredth*
[6] *Vapor to Liquid Ratio, recorded to the nearest thousandth*
[7] *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.*
[8] *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).*
[9] *Comments (e.g. reason for non-test, equipment adjustments, etc.)*
[10] *District recommends leak checking equipment during test to minimize lost data due to failure of post test leak check.*