

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

Facility Name: ______A/C or PO Number: _____ Time of Test: _____

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

			(Rec	ord exact time of to	est in order to den	nonstrate proper	test sequencing	as required	in Attachment A)	
For ISD	Alarm Resp	onse Purp	oses only: Ha	inging hardw	are visually	inspected a	t the affecte	ed dispen	ser(s): Yes No	
Tritester Serial #:					Date of Last Tritester Calibration:					
Grade Po	Grade Points on Site: (nozzle x grade)				Pre-Test Leak Check: Pass Fail					
Non-test, Low Flow:				x grade)						
Non-test, High Flow:				x grade)	Post-Test Leak Check: Pass Fail					
Non-test, other:				x grade)	List grade points tested since last check ⁹					
Grade Points Tested:				x grade)	Pass Fail grade points grade points					
	V/L Passed:			x grade)	Pass Fail grade points					
Number	· V/L Failed:		(nozzle	x grade)	Pass					
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		Number of Nozzle	Gallons Dispensed (gal) ³	Flow (GPM) ⁴	V/L ⁵	V/L Average ⁶ (if applicabl e)	Pass (P) Fail (F) or (NT) ⁷	Comment ⁸	

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Facility Name:		A/C	or PO Numb	_Time of Test:				
								me of test in order to demonstrate encing as required in Attachment A)
Time of Day ¹	Grade Point ²	Serial Number of Nozzle	Gallons Dispensed (gal) ³	Flow (GPM) ⁴	V/L ⁵	V/L Average (if applicab le)	Pass (P) Fail (F) or (NT) ⁷	Comments ⁸
1 D 14			. 1	TILC				

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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 Amount of gasoline dispensed 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.)

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