MONTEREY BAY AIR RESOURCES DISTRICT

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VAPOR TO LIQUID VOLUME RATIO TEST HEALY PHASE II EVR SYSTEMS - TRITESTER OPTION

Tritester Version 2.01

Renewal Testing

□ Engineering Startup/Evaluation

	SOURCE IN	FORMATION	1	TEST COMPANY INFORMATION			
Facility (DBA)/Site Address:		Facility Representative/Title:	Company N	lame/Address	Company Representative		
Print Name & DBA		Print Name	Print	Name	Print Name		
Street Address		Title	Street	Address	Signature		
City	Zip	Phone No.	City	Zip	Phone No.		
District Test Witness:		□ P/O □ A/C Number:	Date of Test:		ICC Cert. No:		
Applicable ARB E.O. (circle one) VR-201 or VR-202			Time of Test		Phase II Manufacturer Cert No:		

TriTester Serial #:		Date of Latest TriTester Calibration:
Fuel Grade Points on Site:	(# of nozzles x fuel grades)	Pre-Test 3 Minute Leak Check (Section 6.4):
Non-Test, Low Flow:	(# of nozzles x fuel grades)	Initial Pressure: ("wc) (5.00 "wc <u>maximum</u>)
Non-Test, High Flow:	(# of nozzles x fuel grades)	Final Pressure: ("wc) (4.95 "wc <u>minimum</u>)
Non-Test, Other:	(# of nozzles x fuel grades)	Post-Test 3 Minute Leak Check: (Section 8.3)
Grade Points Tested:	(# of nozzles x fuel grades)	Initial Pressure ("wc) (5.00 "wc <u>maximum</u>)
Number V/L Passed:	(# of nozzles x fuel grades)	Final Pressure ("wc) (4.95 "wc <u>minimum</u>)
Number V/L Failed:	(# of nozzles x fuel grades)	If Post Test Leak Check fails, all V/L test results between Pre & Post Test Leak Checks are <u>invalid</u>

Are at least 2 gallons of product introduced into the system through each dispenser riser prior to conducting this test? YES NO

Fuel Grade Point ¹	Nozzle ²	Total Gasoline Pumped (Gallons) ³	Flow ⁴ (GPM)	V/L⁵	V/L Average ⁶ (if necessary)	Pass (P) Fail (F) or Non-Test (NT) ⁷	Comments ⁸

Fuel Grade Point ¹	Nozzle ²	Total Gasoline Pumped (Gallons) ³	Flow⁴ (GPM)	V/L⁵	V/L Average ⁶ (if necessary)	Pass (P) Fail (F) or Non-Test (NT) ⁷	Comments ⁸

¹Grade point: This test shall be performed for all fueling points

²Model and Serial Number of the nozzle (found below nozzle handguard)

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

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

⁵*Vapor to Liquid Ratio, recorded to the nearest thousandth*

⁶If 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 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 be not 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.

⁷If the V/L Volumetric Ratio is between 0.95 – 1.15, the grade points 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).

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