

SAN DIEGO AIR POLLUTION CONTROL DISTRICT COMPLIANCE DIVISION 10124 OLD GROVE ROAD SAN DIEGO CA 92131

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APCD USE ONLY	
SECTOR	
ID#	
NOV#	

INCON ISD VAC-ASSIST OPERABILITY TEST PROCEDURE Exhibit 10 of ARB E.O. VR 202-XX

			<u> </u>	see if air is flowing:	es <u></u> No
2) ISD Pressi	ure sensor valve in prope	er orientation: Yes	No		
Facility Nam	ne:	A/C or PO N	umber:	demon	•d exact time of test in order to strate proper test sequencing as ed in Attachment A)
	A	ACTIVE ALARM CH	IECK AND P	RINTOUT	
If Yes, the issue		n active alarm? ed to be corrected before pre r can proceed with the oper			□Yes □No
EXTER	NAL ATG CONNEC	TION ALARM TEST	(Required o	nly if External ATG co	nnected) N/A
		CON Console Alarm Ger	<u> </u>	*	Yes No
		I Console Alarm Cleare		D off? as to troubleshoot and correct	☐Yes ☐No the problem)
	-	•	•		•
	DISPI	ENSER SHUTDOWN	MAPPING '	VERIFICATION	
Dispenser #	Fuel Dispensed after Proper Shutdown?	Fuel Dispensed after Re-Enabled?	Dispenser #	Fuel Dispensed after Proper Shutdown?	Fuel Dispensed after Re-Enabled?
	Yes No	Yes No		☐Yes ☐No	☐Yes ☐No
	☐Yes ☐No	Yes No		☐Yes ☐No	☐Yes ☐No
	☐Yes ☐No	☐Yes ☐No		☐Yes ☐No	☐Yes ☐No
	☐Yes ☐No	☐Yes ☐No		☐Yes ☐No	☐Yes ☐No
	☐Yes ☐No	☐Yes ☐No		☐Yes ☐No	☐Yes ☐No
	□Yes □No	□ Yes □ No		□Yes □No	□ Yes □ No
	☐Yes ☐No	☐Yes ☐No		□Yes □No	□Yes □No
	☐Yes ☐No	☐Yes ☐No		☐Yes ☐No	□Yes □No
	☐Yes ☐No	☐Yes ☐No		☐Yes ☐No	☐Yes ☐No
	Yes No	Yes No		☐Yes ☐No	☐Yes ☐No
	Yes No	Yes No		Yes No	Yes No
	Ves No	Ves No		Ves No	Ves No

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Exhibit 10 of ARB E.O. VR 202-XX

Facility Name:				A/C or PO Number:				Time of Test: (Record exact time of test in order to				
	VAPOI	R PRESS	URE	SENSOR OF	FSET CHI	ECK (AM	BIENT	СНЕСК)				
Pressure Sensor Location Dispenser No.:/				Pressure Sensor Serial No.								
	Initial Ambient R				eference Check After calibrating the pressure ser (if required) ¹⁰ :				ensor			
Vapor Containment Area Pressure (Obtain Value from INCON Console using Figure 1, Step A)			Inches of W.C.				Inches of W.C.					
Is the sensor pressure value between ± 0.20 in W.C.?				□Yes □No			□ Y	□Yes □No				
			PRE	ESSURE SENS	SOR UST	PRESSUI	RE TES	ST				
Vapor Containment Area Pressure (Obtain Value from INCON Console using Figure 1, Step A)				Inches of W.C.								
UST Pressure digital manometer value			Inches of W.C.									
Is the vapor containment area pressure between \pm 0.20 in w.c. of the digital manometer value?				☐Yes ☐No ((If no, the vapor pressure sensor is not in compliance. Proceed to Incon ISD system troubleshooting manual)								
			VAP	POR FLOW M	ETER V/I	. СНЕСК	- -					
Dispenser ¹	Vapor Flow Meter Serial No. ²	V/L Value from ISD Console ³		V/L Value per Exhibit 5 ⁴	V/L Difference ⁵	Average V/L Values from ISD Console (if required) ⁶		Average V/L Values per Exhibit 5 f required) ⁷	V/L Difference of Average Values (if required) ⁸	Pass (P)/ Fail (F) ⁹		
				-								

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Dispenser: indicate which dispenser is being tested (for example 1-2, 3-4, 4-5, etc.)
 Vapor flow meter serial number: There must be one flow meter per dispenser.

- ³ V/L value from ISD console: access contemporaneous V/L readings from the dispenser status page of the ISD console (Refer to Figure 1 of Exhibit 10). Note that this status page will show the last V/L run for each fueling point and the very next fueling transaction from the same fueling point will overwrite the screen V/L value.
- ⁴ V/L value per Exhibit 5: V/L reading for a fueling point at the dispenser obtained from Exhibit 5 of VR-202-X or an ARB approved equivalent test method.
- ⁵ V/L difference: if the ISD console V/L value is within ±0.15 of the V/L value obtained from Exhibit 5 (i.e. V/L difference is ±0.15), the vapor flow meter in that dispenser passes the operability test. Go to the next dispenser and repeat the procedure.
- ⁶ Average V/L values from the ISD console: if the V/L difference is greater than ±0.15, run two (2) more V/L tests per Exhibit 5 and access the contemporaneous V/L values from the ISD console. Document the calculated average for the V/L values from the ISD Console for the two additional tests with the original test (total of three values).
- ⁷ Average V/L values per Exhibit 5: document the calculated average for the V/L values obtained from conducting Exhibit 5 two additional times with the original test (total of three (3) values).
- ⁸ V/L difference of average values: average ISD V/L values minus average V/L values per Exhibit 5.
- ⁹ Pass/Fail: If the average ISD V/L value is within ± 0.15 of the average of the V/L results, the vapor flow meter in that dispenser passes the operability test. If the average difference is greater than ± 0.15 then the vapor flow meter failed the test.
- ¹⁰ The pressure sensor shall be calibrated if the initial vapor containment area pressure is not within ±0.20" W.C. (refer to Fig.3).

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