



**AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO
10124 OLD GROVE ROAD
SAN DIEGO CA 92131
PHONE (858) 586-2600 FAX (858) 586-2651**

APCD USE ONLY
SECTOR
ID#
NOV#

VAPOR RETURN LINE VACUUM INTEGRITY TEST

ARB EO G-70-187, EXHIBIT 4 , HEALY 400 ORVR NOZZLES ONLY

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

SOURCE INFORMATION			TEST COMPANY INFORMATION		
Facility (DBA)/Site Address:	Facility Representative/Title:	Test Company Name/Address	Test Company Representative		
Print Name	Print Name	Print Name	Print Name		
Street Address	Title	Street Address	Signature		
City	Zip	Phone No.	City	Zip	Phone No.
District Test Witness:	<input type="checkbox"/> P/O <input type="checkbox"/> S/A <input type="checkbox"/> A/C Number:	Date of Test:	Time of Test:		
<u>Pressure Gauge Calibration Data</u> Make/Model: _____ Serial # : _____ Calibration date: _____ (Calibration should be conducted at a frequency not to exceed 90 days)			<u>Equation</u> 1st) Measured DP= The observed change in vacuum level in inches of water column from the initial vacuum from the vacuum after 5 minutes. 2nd) Calculated DP=800/N Where: N=The approximate length of 2" vapor return pipe from the dispensers to the central vacuum unit to the nearest 20 feet. 3rd) Compare the Measured DP to the Calculated DP <u>(If the Measured DP is greater than the Calculated DP then a vapor leak is evident and the system has failed).</u>		
<u>Length of Vapor Return Line= _____</u> The approximate length of 2 inch vapor return (VR) pipe from the dispensers to the central vacuum unit (CVU) to the nearest 20 feet. Length Determined by: Blueprints <input type="checkbox"/> Inspection <input type="checkbox"/> Permit <input type="checkbox"/> *If the value is described on the permit no other value can be used.			<u>Test Results</u> Measured DP= _____ Calculated DP= _____ Starting Vacuum Level: _____" 1 Minute: _____" 2 Minute: _____" 3 Minute: _____" 4 Minute: _____" Final Vacuum Level@ 5 Minutes: _____" Final Test Results: Pass <input type="checkbox"/> Fail <input type="checkbox"/>		
<u>Diameter of Vapor Return Line: 2" <input type="checkbox"/> 3" <input type="checkbox"/></u> If the site contains 3" vapor return pipes, multiply Calculated DP by 0.5. If the system contains more than one Central Vacuum Unit (CVU) with separate piping, repeat test for each CVU and its associated piping.					