Protecting the air we share
Air Quality
CLARK COUNTY • DEPARTMENT OF AIR QUALITY
4701 W. Russell Rd., Suite 200 • 2nd Floor • Las Vegas, NV 89118-2231
(702) 455-5942 • Fax (702) 383-9994

For DAQ Use Only

_____

VAPOR RETURN LINE VACUUM INTEGRITY TEST RESULTS FORM (Healy Only)

☐ **Initial** ☐ **Annual** ☐ **Other**

Source Name: _____ Source ID: _____

Source Address: _____
(address) (city) (zip)

Test Date: _____ Time of Test: _____

Pressure Gauge Calibration Data

Make/Model:_____ Serial #: _____

Length of Vapor Return Line = _____

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 ☐ Inspection ☐ Permit ☐

*If the value is described on the permit no other value can be used.

Equation

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

(If the Measured DP is greater than the calculated DP then a vapor leak is evident and the system has failed).

Diameter of Vapor Return Line: 2" ☐ 3" ☐

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.

Test Results

Measured DP= _____ calculated DP= _____

Starting Vacuum Level (inches of water column):

1 Minute: _____

2 Minute: _____

3 Minute: _____

4 Minute: _____

Final Vacuum Level@ 5 Minutes: _____

Final Test Results: Pass ☐ Fail ☐

Comments: