



MONTEREY BAY AIR RESOURCES DISTRICT

24580 Silver Cloud Court, Monterey, CA 93940

(831) 647-9411, www.mbard.org

AST Static Pressure Performance Test Report Form TP-206.3

Renewal Testing

Engineering Startup/Evaluation

Permit Number:		Test Company:	
Site Name:		Technician:	
Site Address:		Certification Number	Expiration Date
City:	Zip:	ICC:	
Date/Time of Test:			

TEST INFORMATION

Total number of nozzles:	Are the tanks manifolded? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Phase I vapor recovery system executive order:			
Phase I vapor recovery system configuration	<input type="checkbox"/> Direct-fill	<input type="checkbox"/> Remote-fill	
Phase II vapor recovery system executive order:			
Nitrogen introduction point	<input type="checkbox"/> Phase I vapor coupler	<input type="checkbox"/> Phase I vent line	<input type="checkbox"/> Phase II vapor riser
Pressure measuring device	<input type="checkbox"/> digital manometer		
Calibration date for pressure measuring device (must be within 180 days of the test)			
Ending value for digital manometer drift test if applicable (must be 0.01 in. w.c. or less)			
Nitrogen introduction flow rate, F (must be between 1 and 5 CFM)			
Number of hoses with over 100 ml (balance hoses must be drained prior to testing)			

TANK INFORMATION

Tank No.	1	2	3	4	ALL
Product grade					
Actual tank capacity (gallons)					
Gasoline volume (gallons)					
Ullage (gallons) ¹					
If tanks are not manifolded, number of nozzles					

2 IN. W.C. STATIC PRESSURE TEST

Test No.	1	2	3	4	5
Start time					
Initial Pressure, inches of water column (in. w.c.)					
Pressure at one minute, in. w.c.					
Pressure at two minutes, in. w.c.					
Pressure at three minutes, in. w.c.					
Pressure at four minutes, in. w.c.					
Pressure at five minutes, in. w.c.					
Allowable minimum pressure, in. w.c.					
Pass / Fail					

¹The minimum ullage shall be 25 percent and the maximum shall be 75% of the tank capacity.

TABLE 1
TP-206.3 – Leak Rate Criteria

ULLAGE (GALLONS)	MINIMUM PRESSURE AFTER 5 MINUTES, (INCHES OF WATER COLUMN)
100	0.21
150	0.45
200	0.65
250	0.82
300	0.95
350	1.05
400	1.14
450	1.22
500	1.28
550	1.33
600	1.38
650	1.42
700	1.45
750	1.48
800	1.51
850	1.54
900	1.56
950	1.58
1,000	1.60
1,200	1.66
1,400	1.70
1,600	1.74
1,800	1.77
2,000	1.79
2,200	1.81
2,400	1.82
2,600	1.83
2,800	1.85
3,000	1.86
3,500	1.88
4,000	1.89
4,500	1.90
5,000	1.91
6,000	1.93
7,000	1.94
8,000	1.94
9,000	1.95
10,000	1.96
15,000	1.97
20,000	1.98

¹The minimum ullage shall be 25 percent and the maximum shall be 75% of the tank capacity.