

**SAN DIEGO AIR POLLUTION CONTROL DISTRICT
COMPLIANCE DIVISION
INSPECTION CHECKLIST
FEE CODE 26A – PHASE II BALANCE SYSTEMS**

Annual Bi-Annual Date of Inspection/Test: _____

Company Name (dba) _____

Company Address: _____

Company Representative: _____ Title: _____

ID #: _____ Permit #: _____ Expiration Date: _____

E/O: G-70-52-AM EXHIBIT #: _____

EQUIPMENT DESCRIPTION: Same as PO? Yes No

If no, are changes in compliance with applicable District rules? N/A Yes No

Description of changes: _____

- 1. Permit posted in compliance with District rules? Yes No
- 2. Were permit conditions reviewed (current/enforceable)? Yes No
- 3. Is a copy of the Executive Order for Phase II system on site? Yes No

GENERAL:

4. Are the following inspections and records being performed and maintained?

REVIEW PERIOD: _____

Monthly throughput: Maximum listed: _____ Yes No

Daily inspection and maintenance: Yes No

Weekly drainage for liquid in hoses: Yes No

Monthly flow rates: Yes No

Missing records: _____

- 5. Is the site using APCD approved checklists/data records? Yes No
- 6. Were any liquid leaks found? Yes No
- 7. Length of longest hose: _____ (must be less than 10.5 ft) Yes No
- 8. Are all nozzles compatible with the system and the liquid retention standard (Table 1)? Yes No
- 9. Are dispensing flow rates checked once a month by the site? Yes No

Method: _____

10. Were dispensing flow rates checked by inspector? Yes No

Method: 30-SECOND TEST (#gallons X 2) = GPM

Were all flow rates between 5 and 10 gallons per minute? N/A Yes No

11. Were the hoses drained by the inspector? (10% minimum required) Yes No

HOSES CHECKED: _____

Did any hoses contain > 100ml of liquid gasoline? N/A Yes No

12. Is there a maximum hose loop for this exhibit? Max. _____ Yes No

13. Length of longest hose loop: _____ Does it comply? N/A Yes No
14. Are the nozzles instructions and ARB phone number posted conspicuously? Yes No
15. Was the system free of defects? Yes No
- Defects: _____

PHASE I: System: _____ Executive Order: _____

1. Were the submerged fill pipes measured? Yes No
 Product: _____ SFP _____” Product: _____ SFP _____”
 Product: _____ SFP _____” Product: _____ SFP _____”
2. Tank caps and gaskets in good condition? Yes No
3. Are all components certified under the Executive Order? Yes No
4. Is the site performing maintenance per the Executive Order? (Tables 2-5, EVR only) N/A Yes No
5. Vent pipes manifold at least 12 feet above ground? N/A Yes No
6. Certified P/V valve(s) installed? Yes No
7. No more than three P/V valves installed? Yes No
8. Drybreak seats properly and does not leak? Yes No
 How was this determined: _____
9. Are the drop tubes installed below the spill containment bucket and does drain valve path allow liquid to drain directly into drop tube? (EVR only) N/A Yes No
10. Torque Test conducted? (see Phase I checklist) Yes No

RENEWAL TESTING NA

- District notified 15 calendar days prior to the required annual test(s)? Yes No
- Date(s) of notification: _____
- Test conducted 45 calendar days prior to renewal date? Yes No
- Date(s) results received: _____

Annual test:	<u>Date</u>	<u>Test</u>	<u>Pass</u>	<u>Fail</u>	<u>Incomplete</u>
1.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

LEGEND: 2” = Two inch Pressure Decay LR = liquid removal T0E = Torque Test
 10” = Ten inch Pressure Decay TOW/TOD = Drop Tube Integrity Test PVV = PV Valve Test

- Test results submitted to the District within 15 calendar days of test? Yes No
- In the event of a failed test, were repairs made and a retest performed before equipment put back in service? N/A Yes No
- Is a copy of all test data onsite? (If no, address in comments) N/A Yes No

Comments: _____

TABLE 1

Nozzles that are allowed as replacements and new installations of Balance Systems (E/O G-70-199-I)

Nozzle Make	Nozzle Model(s):
<i>Emco Wheaton</i>	A4005, A4007, A4015
<i>EZ-Flo</i>	11VF, 5005, 5007, 5015
<i>Husky</i>	V(5)
<i>OPW</i>	11VF-47

TABLE 2Certified Components for EO **VR-101** to be verified during every inspection or test.

Component Name	Manufacturer	Model Number	Frequency	General Requirements
Dust Caps	Morrison Brothers OPW	305C (product) 323C (vapor) 634TT-EVR (product) 1711T-EVR (vapor)	Annual	Inspect
P/V Valve	Husky	4885, 2" thread	Annual	Clean
Phase I Adaptors	Phil-Tite	SWF-100-B (product) SWV-101-B (vapor)	None Annual	N/A Check for leaks
Debris Bucket	Phil-Tite	PP 1005 TB (product)	None	N/A
Spill Container	Phil-Tite	85000 Series (product) PP1005 TBP (vapor, optional)	3 years	TP 201.1C/D
Overfill Prevention Device	OPW	61SO-PT (optional)	Annual	TP 201.1D
Tank Gauge Port	Multiple	Multiple components	Annual	Inspect
Ball Float Valve	OPW Universal	53 VML or 30 MV 37	3 years	Inspect
Drop Tube	OPW	61-T	Annual	SFP measurement. TP 201.1C/D

TABLE 3Certified Components for EO **VR-102** to be verified during every inspection or test.

Component Name	Manufacturer	Model Number	Frequency	General Requirements
Dust Caps	OPW	634TT-EVR (product) 634LPC (product) 1711T-EVR (vapor) 1711PC (vapor)	Annual	Inspect
P/V Valve	Husky OPW	4885, 2" thread 623V, 2"/3" thread	Annual	Clean
Phase I Adaptors	OPW	61SALP-EVR(product) 61VSA-EVR(vapor)	Annual Annual	Inspect Leak test
Spill Container	OPW/POMECA O POMECA	1-2100 Series 1C-2100 Series 1sc-2100 Series 5XX Series	Annual	TP 201.1C/D
Overfill Prevention Device	OPW	61SO-EVR Series	Annual	TP 201.1D
Jack Screws	OPW	61 JSK-XXXX	Annual	Inspect
Drop Tube	OPW	61T	Annual	SFP measurement. TP201.1C/D
Ball Float	OPW	50VML or 30MV	3 years	Inspect
Tank Gauge Port	Multiple	Multiple	Annual	Inspect

TABLE 4Certified Components for EO **VR-103** to be verified during every inspection or test.

Component Name	Manufacturer	Model Number	Frequency	General Requirement
Dust Caps	EBW	777-201-01 (product) 304-301-0X (vapor)	Annual	Inspect
P/V Valve	Husky	4885, 2" thread	Annual	Clean
Phase I Adaptors	Phil-Tite	SWF-100-B (product) SWV-101-B (vapor)	None Annual	TP 201.1B Check for leaks
Spill Container	EBW	700 Series 90087 (product) 90088 (vapor)	Annual	TP 201.1D Clean
Overfill Prevention Device	EBW	708 Series	Annual	TP 201.1D
Drop Tube	EBW	782-204	Annual	TP 201!C
Tank Gauge Port	EBW	90037 or 90038	Annual	Inspect

TABLE 5

Certified Components for EO **VR-104** to be verified during every inspection or test.

Component Name	Manufacturer	Model Number	Frequency	General Requirement
Dust Caps	CNI	64 (product) 611-VR-3 (vapor)	Annual	Inspect
P/V Valve	Husky	4885, 2" thread	Annual	Clean
Phase I Adaptors	Emco Wheaton	A0030-124 (product) A0076-124 (vapor)	Annual Annual	TP 201.1B
Spill Container	CNI	XXXX-31103	Annual / After delivery	Clean Check for liquid
Drop Tube	CNI	DT100	Annual	TP 201.1C
Tank Port Gauge	CNI	613BCC-31103	Annual	Inspect
Drain Valves	CNI	RP21-PUSH	18 mos.	TP 2011C
Ball Floats	CNI	123-12C	3 yrs.	Inspect