

**Pacific Atlantic Terminals – Martinez Terminal – Facility #A7034  
Semi-Annual Monitoring Report  
Period: 1 SEP 12 Through 28 FEB 13**

**Table VII- A  
S-1 Through S-10 - Fixed Roof Tanks**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y	None	PV valve set pressure within 10% of working pressure or at least 0.5 psig	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-303.2	Y	None	gas tight (< 500 ppm) except when operating pressure exceeds the valve set pressure	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-306	Y	9/2/12 – NOV A51596, S-2,3,4,5,7,9,10 10/24/12 – NOV A54597, S-2,3,4,5,6,7,9,10 11/05/12 – NOV A51598, S-2,3,4,5,6,7,9,10	Controlled $\geq$ 95% weight	BAAQMD Condition # 1253, part IV, Section 3b	C/A	Continuous Temperature Monitor and Source Test
POC	BAAQMD 8-5-328.1.2	Y	None	Tank cleaning $\geq$ 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
POC	Subpart K 40 CFR 60.112(a) (1)	Y	None	Vapor Recovery System	Subpart K 40 CFR 60.113(d) (2)	None	None
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IIID	Y	None	1.44 pounds/1000 barrels	BAAQMD Condition # 1253, part IV, Section 3	C	Continuous Temperature Monitor and Source Test
POC	BAAQMD Condition # 1253, part IID	Y	None	1400F in outlet or as determined by source test	BAAQMD Condition # 1253, part IID.i	C	Temperature Monitoring

**Table VII – B  
S-11 – Fixed Roof Tanks**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y	None	PV valve set pressure within 10% of working pressure or at least 0.5 psig	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-303.2	Y	None	gas tight (< 500 ppm) except when operating pressure exceeds the valve set pressure	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IID	Y	None	1400F in outlet or as determined by source test	BAAQMD Condition # 1253, part IID.i	C	Temperature Monitoring

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**Table VII - C  
S-12, S-18, and S-19 - Fixed Roof Tanks**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviations	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y	None	PV valve set pressure within 10% of working pressure or at least 0.5 psig	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-303.2	Y	None	gas tight (< 500 ppm) except when operating pressure exceeds the valve set pressure	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-306	Y	None	Controlled $\geq$ 95% weight	BAAQMD Condition # 1253, part IV, Section 3b	C/A	Continuous Temperature Monitor and Source Test
POC	BAAQMD 8-5-328.1.2	Y	None	Tank cleaning $\geq$ 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IIID	Y	None	1.44 pounds/1000 barrels	BAAQMD Condition # 1253, part IV, Section 3	C/A	Continuous Temperature Monitor and Source Test
NOx	BAAQMD Condition # 1253, part IB	Y	None	129.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
NOx	BAAQMD Condition # 1253, part IIID, schedule D	Y	None	9.68 lb/day plus 0.1744 pounds/1000 barrels	None	None	Source test
CO	BAAQMD Condition # 1253, part IB	Y	None	52.2 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
SO2	BAAQMD Condition # 1253, part IB	Y	None	83.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
FP	BAAQMD Condition # 1253, part IB	Y	None	25.8 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IID	Y	None	1400F. in outlet or as determined by source test	BAAQMD Condition # 1253, part IV, Section 3	C	Temperature Monitoring

**Table VII – D  
S-13, S-14, S-15, S-16 – External Floating Roof Tanks**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-320.3.1	Y	None	Gasketed cover, seal or lid with gap $\leq$ 0.32 cm (1/8 in)	BAAQMD 8-5-401.2, 8-5-404	P/twice/yr	Inspection Certification

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Table VII – D S-13, S-14, S-15, S-16 – External Floating Roof Tanks							
Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD 8-5-320.4.2	Y	None	Well with cover, seal or lid with gap $\leq$ 0.32 cm (1/8 in)	BAAQMD 8-5-401.2, 8-5-404	P/twice/yr	Inspection Certification
	BAAQMD 8-5-320.4.3	Y	None	Gap between well and roof less than 1.3 cm (1/2 in)	BAAQMD 8-5-401.2, 8-5-404	P/twice/yr	Inspection Certification
POC	BAAQMD 8-5-320.5.2	Y	None	Well with cover gasket, a pole sleeve, pole wiper, and internal float with gap $\leq$ 1.3 cm (1/2 in), or zero gap pole wiper seal	BAAQMD 8-5-401.2, 8-5-404	P/twice/yr	Inspection Certification
	BAAQMD 8-5-320.5.3	Y	None	Gap between well and roof less than 1.3 cm (1/2 in)	BAAQMD 8-5-401.2, 8-5-404	P/twice/yr	Inspection Certification
POC	BAAQMD 8-5-321.3	Y	None	Primary seal metallic shoe extends a minimum 61 cm (24 in) above liquid surface	BAAQMD 8-5-401.1, 8-5-404	P/twice/yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y	None	Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401.1, 8-5-404	P/twice/yr	Inspection Certification
POC	BAAQMD 8-5-321.3.2	Y	None	Gap between tank shell and the primary seal $<$ 3.8 cm (1 1/2 in). No continuous gap $>$ 0.32 cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) $<$ 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) $<$ 40% of circumference	BAAQMD 8-5-401.1, 8-5-404	P/twice/yr	Inspection Certification
POC	BAAQMD 8-5-322.2	Y	None	Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width	BAAQMD 8-5-401.1, 8-5-404	P/twice/yr	Inspection Certification
POC	BAAQMD 8-5-322.3	Y	None	Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-401.1, 8-5-404	P/10 yr P/twice/yr	Inspection Certification
POC	Subpart K 40 CFR 60.112(a)(1)	Y	None	Floating Roof requirement	40 CFR 60.113(a),(b),(c)	None	Records
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records

**Table VII - F  
S-21 – Marine Vessel Wharf**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
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**Table VII - F  
S-21 – Marine Vessel Wharf**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-44-304	Y	None	POC Emission $\leq$ 5.7 grams per cubic meter (2 lb/1000 barrel) loaded, or emission control $>$ 95%	BAAQMD Condition # 1253, part IV, Section 3c	C/A	Continuous Temperature Monitor and Source Test
POC	SIP BAAQMD 8-44-301.1	Y	None	POC Emission $\leq$ 5.7 grams per cubic meter (2 lb/1000 barrel) loaded, or	BAAQMD Condition # 1253, part IV, Section 3c	C/A	Continuous Temperature Monitor and Source Test
POC	SIP BAAQMD 8-44.301.2	Y	None	Controlled $\geq$ 95% Weight	BAAQMD Condition # 1253, part IV, Section 3c	C/A	Continuous Temperature monitor and Source Test
POC	Subpart Y 40 CFR 63.562(c) (2)(iii)	Y	None	Vapor tight	40 CFR 63.563(a)(4)	P/A	Leak test
POC	Subpart Y 40 CFR 63.562(c) (3)	Y	None	RACT existing source, controlled $\geq$ 98% weight by combustion device	40 CFR 63.563(b)(6)(i)(A), 63.564(a)(3)	C/A	Continuous Temperature Monitor and Source Test
POC	Subpart Y 40 CFR 63.562(c) (4)	Y	None	VOC $\leq$ 1000 ppmv	40 CFR 63.564(g)(1), BAAQMD Condition # 1253, part IV, Section 3c	C/A	Continuous Temperature Monitor and Source Test
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253 part IV, section 2	Y	None	95% controlled efficiency or 2 lb/ 1000 barrels of gasoline loaded	BAAQMD Condition # 1253, part IV, Section 2	C/A	Continuous Temperature Monitor and Source Test
POC	BAAQMD Condition # 1253 part IV, section 7	Y	None	Operating temperature $\geq$ 1400°F unless modified by the District, based on source test results	BAAQMD Condition # 1253, part IV, Section 3c	C	Continuous temperature monitor
POC	BAAQMD Condition # 1253 part IV, section 9	Y	None	Loading pressure shall not exceed 80% of the lowest relief valve set pressure	None	None	Inspection
SO2	BAAQMD Regulation 9-1-303	Y	None	SO2 $<$ 2000 ppm, or Sulfur $<$ 3.34% by weight	BAAQMD Condition # 1253, part IIID, schedule F	P/Q	Analysis reports
Temperature limit	BAAQMD Condition #1253, part IID	Y	None	1400F in outlet or as determined by source test	BAAQMD Condition # 1253, part IV, Section 3	C	Temperature monitoring

**Table VII – G  
S-23, S-24 – Oily Water Separators**

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Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD 8-8-301.1	Y	None	<1/8" gap on OWS	NA	P	Inspection

**Table VII – H**  
**S-27, and S-28 - Fixed Roof Tanks**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y	None	PV valve set pressure within 10% of working pressure or at least 0.5 psig	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-303.2	Y	None	gas tight (< 500 ppm) except when operating pressure exceeds the valve set pressure	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-306	Y	None	Controlled $\geq$ 95% weight	BAAQMD Condition # 1253, part IV, Section 3b	C/A	Continuous Temperature Monitor and Source Test
POC	BAAQMD 8-5-328.1.2	Y	None	Tank cleaning $\geq$ 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
POC	Subpart Ka 40 CFR 60.112(a)(3)	Y	None	Controlled $\geq$ 95%	N	N	None
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IIID	Y	None	1.44 pounds/1000 barrels	BAAQMD Condition # 1253, part IV, Section 3	C/A	Continuous Temperature Monitor and Source Test
NOx	BAAQMD Condition # 1253, part IB	Y	None	129.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
NOx	BAAQMD Condition # 1253, part IIID, schedule D	Y	None	9.68 lb/day plus 0.1744 pounds/1000 barrels	None	C/A	Continuous Temperature Monitor and Source Test
CO	BAAQMD Condition # 1253, part IB	Y	None	52.2 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
SO2	BAAQMD Condition # 1253, part IB	Y	None	83.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
FP	BAAQMD Condition # 1253, part IB	Y	None	25.8 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IID	Y	None	1400F in outlet or as determined by source test	BAAQMD Condition # 1253, part IV, Section 3	C	Temperature monitoring

**Pacific Atlantic Terminals – Martinez Terminal – Facility #A7034**  
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**Table VII - I**  
**S-73 – Direct Fired Heater**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Usage	BAAQMD Condition # 13720, part 1	Y	None	Natural gas < 90 M SCF/ 12 months	BAAQMD Condition # 13720, part 6	P/M	Flow meter
SO2	BAAQMD Regulation 9-1-301	Y	None	GLC > 0.5 ppm continuously for 3 consecutive minutes or 0.25 ppm averaged over 60 consecutive minutes or 0.05 ppm averaged over 24 hrs	None	N	None
SO2	SIP BAAQMD Regulation 9-1-302	Y	None	≤ 300 ppm SO2, dry	None	N	None
SO2	SIP BAAQMD Regulation 9-1-304	Y	None	≤ 0.5% by weight, fuel sulfur concentration	BAAQMD Condition # 13720, part 7	P/E	Sulfur certification or analysis
SO2	BAAQMD Condition # 1253, part IB	Y	None	83.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
SO2	BAAQMD Condition # 1253, part IIID, schedule D	Y	None	0.6 lb/MM cu ft of natural gas burned	BAAQMD Condition # 13720, part 7	P/E	Sulfur certification or analysis
NOx	BAAQMD Regulation 9-7-301.1	N	None	30 ppmv dry, @ 3% O2	BAAQMD Condition # 13720, part 5	P/A	Source Test
NOx	BAAQMD Regulation 9-7-305.1	N	None	150 ppmv dry, @ 3% O2	BAAQMD Condition # 13720, part 5	P/A	Source Test
NOx	BAAQMD Regulation 9-7-306.1	N	None	150 ppmv dry, @ 3% O2	BAAQMD Condition # 13720, part 5	P/A	Source test
NOx	BAAQMD Condition # 1253, part IB	Y	None	129.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
NOx	BAAQMD Condition # 1253, part IIID, schedule D	Y	None	100 lb/MM cu ft of natural gas burned	BAAQMD Condition # 1253, part IIID	P/A	Records
NOx	BAAQMD Condition # 13720, Part 2	Y	None	20 ppm @ 3% O2	BAAQMD Condition # 13720, part 5	P/A	Source Test
CO	BAAQMD Regulation 9-7-301.2	N	None	400 ppmv dry, @ 3% CO2	BAAQMD Condition # 13720, part 5	P/A	Source Test
CO	BAAQMD Regulation 9-7-305.2	N	None	400 ppmv dry, @ 3% CO2	BAAQMD Condition # 13720, part 5	P/A	Source Test

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**Table VII - I  
S-73 – Direct Fired Heater**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
CO	BAAQMD Regulation 9-7-306.2	N	None	400 ppmv dry, @ 3% CO2	BAAQMD Condition # 13720, part 5	P/A	Source Test
CO	BAAQMD Condition # 1253, part IB	Y	None	52.2 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
CO	BAAQMD Condition # 1253, part IIID, Schedule D	Y	None	84 lb/MM cu ft of natural gas burned	BAAQMD Condition #1253, part IIID	P/A	Records
CO	BAAQMD Condition # 13720, part 3	Y	None	50 ppmv @ 3 % O2	BAAQMD Condition # 13720, part 5	P/A	Source test
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IIID, schedule D	Y	None	5.5 lb/MM cu ft of natural gas burned	BAAQMD Condition # 1253, part IIID	P/A	Records
FP	BAAQMD 6-301	Y	None	Visible emission must not be dark or darker than Ringelmann No. 1 for a period of more than 3 minutes in any hour	None	N	N
FP	BAAQMD 6-304	Y	None	During tube cleaning, visible emissions must not be dark or darker than Ringelmann No. 2 for a period of more than 6 minutes in 24 hours	None	N	N
FP	BAAQMD 6-310.3	Y	None	Particulate Matter < 343 mg per dscm (0.15 gr/dscf) @ 6% oxygen volume	None	N	N
FP	BAAQMD Condition # 1253, part IB	Y	None	25.8 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records

**Table VII - J  
S-74 and S-75 Emergency Diesel Generators**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
FP	BAAQMD Regulation 6-303.1	Y	None	Ringelmann 2.0	BAAQMD Regulation 6-401	C	Visible Inspection
FP	BAAQMD Regulation 6-310.1	Y	None	0.15 gr/dscf	None	N	N/A

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**Table VII - J  
S-74 and S-75 Emergency Diesel Generators**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
SO <sub>2</sub>	BAAQMD Regulation 9-1-301	Y	None	Property Line Ground Level Limits: < 0.5 ppm for 3 minutes and < 0.25 ppm for 60 min. and <0.05 ppm for 24 hours	None	N	N/A
SO <sub>2</sub>	BAAQMD Regulation 9-1-304	Y	None	Fuel Sulfur Limit 0.5%	None	P/M	Vendor Certification
Operating time	BAAQMD Condition # 19308, Part 2	Y	None	100 hours per year	BAAQMD Condition # 19308, Part 4	P/D	Records
Operating Time	ATCM Section 93115, Title 17	Y	None	If gr/bhp-hr>0.40 allows 20 hr/yr; If gr/bhp-hr>0.15 and < 0.40 allows 21-30 hr/yr; If gr/bhp-hr>0.01 and < 0.15 allows 31-50 hrs/yr; If gr/bhp-hr<0.01 allows 51-100 hrs/yr	ATCM Section 93115, Title 17	P/E	Records

**Table VII - K  
S-76, S-77 and S-78 - Internal Floating Roof Tanks**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y	None	PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-320.3.1	Y	None	Gasket cover ≤ 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-320.3.2	Y	None	Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.2	Y	None	Solid sampling or gauging wells in closed position with cover, seal or lid ≤ 0.32 cm (1/8 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.3	Y	None	Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.2	Y	None	Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.3	Y	None	Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification



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**Table VII - K  
S-76, S-77 and S-78 - Internal Floating Roof Tanks**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-320.6	Y	None	Emergency roof drain with slotted membrane fabric cover $\geq$ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.1	Y	None	No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.2	Y	None	Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3	Y	None	Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y	None	Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.2	Y	None	For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	Y	12/23/12 – 12/27/12, visible opening on ladder well gasket on S-77	No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-322.2	Y	None	Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.3	Y	None	Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1.1	Y	None	Tank $\geq$ 75 m <sup>3</sup> , tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	BAAQMD 8-5-328.1.2	Y	None	Tank $\geq$ 75 m <sup>3</sup> , Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
POC	Subpart Kb 40 CFR 60.113b (a)(2)	Y	12/23/12 – 12/27/12, visible opening on ladder well gasket on S-77	No holes, tears or other openings	40 CFR 60.113b(a) (4)	P/A/ E (emptied and degassed)	Inspection

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Table VII - K  
S-76, S-77 and S-78 - Internal Floating Roof Tanks

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 20060, part 1	Y	None	Gasoline or other hydrocarbon liquids throughput < 105 million gal/yr for S-76, 77 and 78	BAAQMD Condition # 20060, part 6	P/M	Records
POC	BAAQMD Condition # 20060, part 2	Y	None	Gasoline or other hydrocarbon liquids throughput < 4.2 million gal/day for S-76, 77 and 78	BAAQMD # 20060, part 6	P/M	Records
POC	BAAQMD Condition # 20060, part 5	Y	None	S-76, 77, and 78 shall be abated by liquid mounted primary seal, and rim mounted secondary seal	BAAQMD 8-5-303	C	Install internal floating roof
POC	BAAQMD Condition # 20060, part 3	N	None	Benzene concentration < 1.8 % wt.	BAAQMD Condition # 20060, part 3	P/6 months	Sample
% circumference	BAAQMD 8-5-402.2	Y	None	Inspect entire circumference of secondary seal	BAAQMD 8-5-402.2	P/4 times per year	Inspection

Table VII - L  
S-79 and S-80 - Internal Floating Roof Tanks

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y	None	PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-320.3.1	Y	None	Gasket cover ≤ 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-320.3.2	Y	None	Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.2	Y	None	Solid sampling or gauging wells in closed position with cover, seal or lid ≤ 0.32 cm (1/8 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.3	Y	None	Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.2	Y	None	Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification

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Table VII - L  
 S-79 and S-80 - Internal Floating Roof Tanks

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-320.5.3	Y	None	Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured $\leq 1.3$ cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.6	Y	None	Emergency roof drain with slotted membrane fabric cover $\geq 90\%$ opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.1	Y	None	No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.2	Y	None	Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3	Y	None	Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface	BAAQMD 8-5-401, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y	None	Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.2	Y	None	For welded tanks, gap between tank shell and the primary seal $< 3.8$ cm (1 1/2 in). No continuous gap $> 0.32$ cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) $< 10\%$ of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) $< 40\%$ of circumference	BAAQMD 8-5-401, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	Y	None	No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-322.2	Y	None	Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.3	Y	None	Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1	Y	None	Tank $\geq 75$ m <sup>3</sup> , tank degassing until less than 10,000 ppm	None	N	None
POC	BAAQMD 8-5-328.2	Y	None	Tank $\geq 75$ m <sup>3</sup> , Tank cleaning 90% control, POC concentration $< 10,000$ ppm	BAAQMD 8-5-502	P/A	Source Test

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**Table VII - L**  
**S-79 and S-80 - Internal Floating Roof Tanks**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	Subpart Kb 40 CFR 60.113b (a)(2)	Y	None	No holes, tears or other openings	40 CFR 60.113b(a) (4)	P/A/ E(emptied and degassed)	Inspection
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 21829, part 1	Y	None	Gasoline or other hydrocarbon liquids throughput < 403.2 million gal/yr for S-79 and 80	BAAQMD Condition # 21829, part 6	P/M	Records
POC	BAAQMD Condition # 21829, part 2	Y	None	Gasoline or other hydrocarbon liquids throughput < 8,558 lb/yr for S-79 and 80	BAAQMD # 21829, part 6	P/M	Records
POC	BAAQMD Condition # 21829, part 3	Y	None	S-79 and 80 shall be abated by liquid mounted primary seal, and rim mounted secondary seal	BAAQMD 8-5-303	C	Install internal floating roof
POC	BAAQMD Condition # 21829, part 4	N	None	Benzene concentration < 1.4 % wt.	BAAQMD Condition # 21829, part 4	P/6 months	Sample
% circumference	BAAQMD 8-5-402..2	Y	None	Inspect entire circumference of secondary seal	BAAQMD 8-5-402.2	P/4 times per year	Inspection

**Table VII – M**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-81, S-82, AND S-83 - INTERNAL FLOATING ROOF TANKS**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y	None	PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-320.3.1	Y	None	Gasket cover ≤ 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-320.3.2	Y	None	Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.2	Y	None	Solid sampling or gauging wells in closed position with cover, seal or lid ≤ 0.32 cm (1/8 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.3	Y	None	Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.2	Y	None	Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.3	Y	None	Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification

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**Table VII – M  
Applicable Limits and Compliance Monitoring Requirements  
S-81, S-82, AND S-83 - INTERNAL FLOATING ROOF TANKS**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-320.6	Y	None	Emergency roof drain with slotted membrane fabric cover > 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.1	Y	None	No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.2	Y	None	Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3	Y	None	Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal floating roof tank above liquid surface	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y	None	Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.2	Y	None	For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm ((1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	Y	None	No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-322.2	Y	None	Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.3	Y	None	Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1.1	Y	None	Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None
POC	BAAQMD 8-5-328.1.2	Y	None	Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
POC	Subpart Kb 40 CFR 60.113b (a)(2)	Y	None	No holes, tears or other openings	40 CFR 60.113b(a) (4)	P/A/ E (emptied and degassed)	Inspection
POC	BAAQMD Condition # 1253, part IB	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 22788, part 1	Y	None	Non-exempt organic liquids throughput $\leq 453.6$ million gal/yr for S-81, 82, and 83	BAAQMD Condition # 22788, part 7	P/M	Records

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**Table VII – M**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-81, S-82, AND S-83 - INTERNAL FLOATING ROOF TANKS**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition # 22788, part 2	Y	None	Gasoline or other organic liquids POC emission $\leq$ 13,591 lb/yr for S-81, 82, and 83	BAAQMD # 22788, part 7	P/M	Records
POC	BAAQMD Condition # 22788, part 3	Y	None	S-81, 82, and 83 shall be abated by liquid mounted primary seal, and rim mounted secondary seal	BAAQMD 8-5-305	C	Install internal floating roof
POC	BAAQMD Condition # 22788, part 4	N	None	Benzene concentration $<$ 1.4 % wt.	BAAQMD Condition # 22788, part 4	P/6 months	Sample
% circumference	BAAQMD 8-5-402.2	Y	None	Inspect entire circumference of secondary seal	BAAQMD 8-5-402.2	P/4 times per year	Inspection

**Table VII – N**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-84, S-85, S-86, S-87, S-88, S-89, AND S-90 - INTERNAL FLOATING ROOF TANKS**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y	None	PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-320.3.1	Y	None	Gasket cover $\leq$ 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-320.3.2	Y	None	Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.2	Y	None	Solid sampling or gauging wells in closed position with cover, seal or lid $\leq$ 0.32 cm (1/8 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.3	Y	None	Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured $\leq$ 1.3 cm (1/2 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.2	Y	None	Slotted sampling or gauging wells in closed position with cover, seal or lid $\leq$ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.3	Y	None	Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured $<$ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.6	Y	None	Emergency roof drain with slotted membrane fabric cover $\geq$ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.1	Y	None	No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.2	Y	None	Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 & 8-5-404	P/10 yr P/10 yr	Inspection Certification

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**Table VII – N  
Applicable Limits and Compliance Monitoring Requirements  
S-84, S-85, S-86, S-87, S-88, S-89, AND S-90 - INTERNAL FLOATING ROOF TANKS**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-321.3	Y	None	Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal floating roof tank above liquid surface	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y	None	Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.2	Y	None	For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	Y	None	No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-322.2	Y	None	Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.3	Y	None	Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1.1	Y	None	Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None
POC	BAAQMD 8-5-328.1.2	Y	None	Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
POC	Subpart Kb 40 CFR 60.113b (a)(2)	Y	None	No holes, tears or other openings	40 CFR 60.113b(a) (4)	P/A/ E (emptied and degassed)	Inspection
POC	BAAQMD Condition # 1253, part IB	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 23338, part 1	Y	None	Non-exempt organic liquids throughput $\leq 856.8$ million gal/yr for S-84 through 90	BAAQMD Condition # 23338, part 7	P/M	Records
POC	BAAQMD Condition # 23338, part 2	Y	None	Gasoline or other organic liquids POC emission $\leq 33,178 \text{ lb/yr}$ for S-84 through 90	BAAQMD # 23338, part 7	P/M	Records
POC	BAAQMD Condition # 23338, part 3	Y	None	S-84 through 90 shall be abated by liquid mounted primary seal, and rim mounted secondary seal	BAAQMD 8-5-305	C	Install internal floating roof

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**Table VII – N  
 Applicable Limits and Compliance Monitoring Requirements  
 S-84, S-85, S-86, S-87, S-88, S-89, AND S-90 - INTERNAL FLOATING ROOF TANKS**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition # 23338, part 4	N	None	Benzene concentration < 1.4 % wt.	BAAQMD Condition # 23338, part 4	P/6 months	Sample
% circumference	BAAQMD 8-5-402..2	Y	None	Inspect entire circumference of secondary seal	BAAQMD 8-5-402.2	P/4 times per year	Inspection

**Table VII - O  
 A-1- Thermal Oxidizer**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
SO2	BAAQMD Regulation 9-1-301	Y	None	GLC > 0.5 ppm continuously for 3 consecutive minutes or 0.25 ppm averaged over 60 consecutive minutes or 0.05 ppm averaged over 24 hrs	None	N	
SO2	SIP BAAQMD Regulation 9-1-302	Y	None	≤ 300 ppm SO2, dry	None	N	
SO2	BAAQMD Condition # 1253, part IB	Y	None	83.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
NOx	BAAQMD Condition # 1253, part IB	Y	None	129.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
CO	BAAQMD Condition # 1253, part IB	Y	None	52.2 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
FP	BAAQMD 6-310.3	Y	None	Particulate Matter < 343 mg per dscm (0.15 gr/dscf)	None	N	N
FP	BAAQMD Condition # 1253, part IB	Y	None	25.8 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records

**Table VII - P  
 FACILITY**

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
FP	BAAQMD Regulation 6-301	Y	None	Ringelmann 1 Limitation	BAAQMD Regulation 6-401	C	Visible Inspection



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Table VII - P  
 FACILITY

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
SO2	BAAQMD Regulation 9-1-301	Y	None	GLC > 0.5 ppm continuously for 3 consecutive minutes or 0.25 ppm averaged over 60 consecutive minutes or 0.05 ppm averaged over 24 hrs	None	N	Fuel Type
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources (except S-74 and S-75 Diesel IC Emergency Generator)	BAAQMD Condition # 1253, part IIID	P/A	Records
NOx	BAAQMD Condition # 1253, part 1B	Y	None	129.5 tpy for all sources (except S-74 and S-75 Diesel IC Emergency Generator)	BAAQMD Condition # 1253, part IIID	P/A	Records
CO	BAAQMD Condition # 1253, part 1B	Y	None	52.2 tpy for all sources (except S-74 and S-75 Diesel IC Emergency Generator)	BAAQMD Condition # 1253, part IIID	P/A	Records
SO2	BAAQMD Condition # 1253, part 1B	Y	None	83.5 tpy for all sources (except S-74 and S-75 Diesel IC Emergency Generator)	BAAQMD Condition # 1253, part IIID	P/A	Records
FP	BAAQMD Condition # 1253, part 1B	Y	None	25.8 tpy for all sources (except S-74 and S-75 Diesel IC Emergency Generator)	BAAQMD Condition # 1253, part IIID	P/A	Records

Table VII - Q  
 COMPONENTS

Type of Limit	Emission Limit Citation	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Regulation 8-18-301	Y	None	Equipment leaks ≤ 100 ppm, except for valves, pumps, compressors, connections and pressure relief devices	BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD Regulation 8-18-302	Y	None	Valves leaks ≤ 100 ppm	BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD Regulation 8-18-303	Y	None	Pump, compressor leaks ≤ 500 ppm	BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD Regulation 8-18-304	N	None	Connection leaks ≤ 100 ppm	BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD Regulation 8-18-305	Y	None	Pressure relief valves ≤ 500 ppm	BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD Regulation 8-18-306.1	Y	None	Non-repairable be replaced within 5 years or at next scheduled turnaround	None	N	
POC	BAAQMD Regulation 8-18-306.2	Y	None	Number awaiting repair < 0.5% valves, 1% pressure relief valves, 1% pump and compressor	None	N	

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**Table VII - Q**  
**COMPONENTS**

Type of Limit	Emission Limit Citation	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Regulation 8-18-306.3.2	Y	None	Valves < 0.1 lb/day and number awaiting repair (NAR) < 1.0%; Pressure relief valves < 0.2 lb/day and (NAR) < 5%; Pumps, compressors < 0.2 lb/day and (NAR) < 5%;	None	N	
POC	SIP BAAQMD Regulation 8-18-302	Y	None	Valves ≤ 100 ppm	SIP BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-18-303	Y	None	Connectors ≤ 100 ppm	SIP BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-18-304	Y	None	Non repairable valves ≤ 0.5 %	SIP BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-25-302	Y	None	Pumps ≤ 500 ppm	SIP BAAQMD Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-25-303	Y	None	Compressors ≤ 500 ppm	SIP BAAQMD Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-25-304.1	Y	None	Pumps and compressors repair or replaced within 5 years or at the next scheduled turnaround	SIP BAAQMD Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-25-304.2	Y	None	Non repairable pumps and compressors ≤ 1 %	SIP BAAQMD Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-18-305	Y	None	New replaced pumps and compressor ≤ 500 ppm for 4 consecutive quarters	SIP BAAQMD Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-25-306	Y	None	Repeat leakers ≤ 2 times in 12 months	SIP BAAQMD Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	Subpart R 40 CFR 63.424(a)	Y	None	Vapor tight	40 CFR 63.563(a)(4)	P/A	Leak test

**LEGEND**

A = annual	N = no monitoring
C = continuous	P = periodic
CO = carbon monoxide	POC = precursor organic compound
D = daily	Q = quarterly
E = event	SA = semiannually
FP = filterable particulate	SIP = State Implementation Plan
M = monthly	SO <sub>2</sub> = sulfur dioxide