

March 9, 2022

UPS Tracking #: 1Z 1V0 21V 02 0147 7558

Director of Compliance and Enforcement Bay Area AQMD 375 Beale St., Suite 600 San Francisco, CA 94105 Attn: Title V Reports

TV Tracking #: 428

1. D RECEIVED IN 03/11/2022 ENFORCEMENT:

### RE: TransMontaigne Operating Company L.P. – Martinez Terminal 2801 Waterfront Road, Martinez, CA 94553 Title V Permit Facility #A7034 Semi-Annual Monitoring Report for the Period September 01, 2021 – February 28, 2022

Dear Director:

Enclosed is the Semi-Annual Title V Monitoring Report for the TransMontaigne Operating Company L.P. (TransMontaigne) Martinez Terminal, Facility #A7034.

If there are any questions regarding this report, please contact me at (720) 425-9641.

Sincerely,

## TRANSMONTAIGNE OPERATING COMPANY, L.P.

Paul Siler, P.E. Air Quality Compliance Manager

Enclosure

Cc: Mr. Ed Luebke, TransMontaigne Bobby Ivanov, TransMontaigne ESOH File AR.008.MART

#### Attachment 1 Compliance Certification

RE: TransMontaigne Operating Company L.P. – Martinez Terminal 2801 Waterfront Road, Martinez, CA 94553 Title V Permit Facility #A7034 Semi-Annual Monitoring Report for the Period September 01, 2021 – February 28, 2022

#### **RESPONSIBLE OFFICIAL CERTIFICATION**

I, the undersigned, am a responsible official of the source for which this document is being submitted. With respect to all matters, I hereby certify, based on the information and belief formed after reasonable inquiry, that the statements made and information contained in this document are true, accurate, and complete.

Signature of Responsible Official

7.22

Date Signed

Ed Luebke Printed Name Senior V.P. of Operations Title

# Table VII - A

# Applicable Limits and Compliance Monitoring Requirements S-1 THROUGH S-10 - FIXED ROOF TANKS Subject to NSPS Subpart K and MACT Subpart R

	Citation of		Periods		Monitoring	Monitoring	
Type of	Limit	FE	of		Requirement	Frequency	Monitoring
Limit		Y/N	Deviation	Limit	Citation	(P/C/N)	Туре
TVP	BAAQMD 8-5-117 8-5-301 SIP 8-5-117 8-5-301	Y	None	True vapor pressure	BAAQMD 8-5-501.1	P/E initially and upon change of service	Look up table or sample analysis; Records
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 ≥95% weight and gas tight (< 500 ppm)	BAAQMD 8-5-403 BAAQMD Condition # 1253, part IV, Section 3b	C P/A	Continuous Temperature Monitor and Source Test
POC	BAAQMD 8-5-328.1	N	None	Tank degassing ≥ 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502 8-5-603	P/A	Source Test
POC	SIP 8-5- 328.1.2	Y	None	90% abatement efficiency (tank cleaning)	SIP 8-5-502 8-5-603.2	P/ A	Source Test
POC	BAAQMD 8-5-331	Y	None	Tank cleaning ≥ 90% control	BAAQMD 8-5-502.2 8-5-603	P/A	Source Test
POC		Y	None	Determination of applicability	BAAQMD 8-5-604	P/E	Look-up table or sample analysis
POC	Subpart K 40 CFR 60.112(a) (1)	Y	None	Vapor Recovery System	Subpart K 40 CFR 60.113(d) (2)	None	None

# Table VII - A Applicable Limits and Compliance Monitoring Requirements S-1 THROUGH S-10 - FIXED ROOF TANKS Subject to NSPS Subpart K and MACT Subpart R

		abjet	Constant of Stational Station	S Subpart IC and	I MARKET CONTRACTOR OF THE OWNER	CHENCHOOSING STOCKNOOL COM	
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 60.112b(a) (3)(i)	Y	None	Vapor Recovery System no detectable emissions ≥ 500 ppm	Subpart Kb 40 CFR 60.113b(c) (2)	С	Comply with operating plan
POC	Subpart Kb 40 CFR 60.112b(a) (3)(ii)	Y	None	Vapor Recovery System ≥ 95% control	Subpart R 40 CFR 63.425(a) (1) 63.425(b) 63.425(c) Subpart XX 60.503	P/A	Source Test
POC	Subpart Kb 40 CFR 60.116b(c)	Y	None	Record of liquid stored and true vapor pressure	60.116b(c) 60.116b(e)	P/E upon change of service	Records
POC	Subpart Kb 40 CFR 60.116b(f)	Y	None	Waste Mixture Record of liquid stored and true vapor pressure	60.116b(f)(1) 60.116b(f)(2)	P/E upon change of service	Records
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 # 1253, part IIID	Y	None	1.44 pounds/1000 barrels for bubble compliance determination	BAAQMD Condition # 1253, part IV, Section 3	C/A	Continuous Temperature monitor and Source Test
Temper- ature limit	BAAQMD Condition # 1253, part IID2ii & IV.7	Y	None	1400° F. in outlet or as determined by source test	BAAQMD Condition # 1253, part IV Section 3	С	Temperature monitoring

# Table VII - B Applicable Limits and Compliance Monitoring Requirements S-11, S-18 AND S-19 - FIXED ROOF TANKS

Not Subject to NSPS Subpart K and MACT Subpart R due to Capacity

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
TVP	BAAQMD 8-5-117 8-5-301 SIP 8-5-117 8-5-301	Y	None	True vapor pressure	BAAQMD 8-5-501.1	P/E initially and upon change of service	Look up table or sample analysis; Records
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 ≥95% weight and gas tight (< 500 ppm)	BAAQMD 8-5-403 BAAQMD Condition # 1253, part IV, Section 3b	C P/A	Continuous Temperature Monitor and Source Test
POC	BAAQMD 8-5-328.1	N	None	Tank degassing ≥ 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502 8-5-603	P/A	Source Test
POC	SIP 8-5- 328.1.2	Y	None	90% abatement efficiency (tank cleaning)	SIP 8-5-502 8-5-603.2	P/ A	Source Test
POC	BAAQMD 8-5-331	Y	None	Tank cleaning ≥ 90% control	BAAQMD 8-5-502.2 8-5-603	P/A	Source Test
POC		Y	None	Determination of applicability	BAAQMD 8-5-604	P/E	Look-up table or sample analysis
POC	BAAQMD Condition # 1253, part IB	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records

# Table VII - B Applicable Limits and Compliance Monitoring Requirements S-11, S-18 AND S-19 - FIXED ROOF TANKS

Not Subject to NSPS Subpart K and MACT Subpart R due to Capacity

Type of	Citation of Limit	FE	Periods of		Monitoring Requirement	Monitoring Frequency	Monitoring
Limit		Y/N	Deviation	Limit	Citation	(P/C/N)	Туре
POC	BAAQMD	Y	None	1.44 pounds/1000	BAAQMD	C/A	Continuous
	Condition			barrels for bubble	Condition #		Temperature
	# 1253,			compliance	1253, part IV,		monitor and
	part IIID			determination	Section 3		Source Test
Temper-	BAAQMD	Y	None	1400° F. in outlet or as	BAAQMD	С	Temperature
ature limit	Condition			determined by source	Condition #		monitoring
	# 1253,			test	1253, part IV		
	part IID				Section 3		

# Table VII - CApplicable Limits and Compliance Monitoring RequirementsS-12- FIXED ROOF TANKSubject to MACT Subpart R but not NSPS Subpart K due to Capacity

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
TVP	BAAQMD 8-5-117 8-5-301 SIP 8-5-117 8-5-301	Y	None	True vapor pressure	BAAQMD 8-5-501.1	P/E initially and upon change of service	Look up table or sample analysis; Records
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 ≥95% weight and gas tight (< 500 ppm)	BAAQMD 8-5-403 BAAQMD Condition # 1253, part IV, Section 3b	C P/A	Continuous Temperature Monitor and Source Test

# Table VII - C Applicable Limits and Compliance Monitoring Requirements S-12- FIXED ROOF TANK

der et en	Citation of		Periods		Monitoring	Monitoring	J
Type of	Limit	FE	of		Requirement	Frequency	Monitoring
Limit		Y/N	Deviation	Limit	Citation	(P/C/N)	Туре
POC	BAAQMD	N	None	Tank degassing $\geq 90\%$	BAAQMD	P/A	Source Test
	8-5-328.1			control, POC	8-5-502		
				concentration <	8-5-603		
				10,000 ppm			
POC	SIP 8-5-	Y	None	90% abatement	SIP	P/A	Source Test
	328.1.2			efficiency	8-5-502		
				(tank cleaning)	8-5-603.2		
POC	BAAQMD	Y	None	Tank cleaning $\geq 90\%$	BAAQMD	P/A	Source Test
	8-5-331			control	8-5-502.2		
					8-5-603		
POC		Y	None	Determination of	BAAQMD	P/E	Look-up table
				applicability	8-5-604		or sample
							analysis
POC	Subpart Kb	Y	None	Vapor Recovery	Subpart Kb	С	Comply with
	40 CFR			System no detectable	40 CFR		operating plan
	60.112b(a)			emissions $\geq$ 500 ppm	60.113b(c)		
	(3)(i)				(2)		
POC	Subpart Kb	Y	None	Vapor Recovery	Subpart R	P/A	Source Test
	40 CFR			System $\geq$ 95% control	40 CFR		
	60.112b(a)				63.425(a)		
	(3)(ii)				(1)	'	
					63.425(b)		
					63.425(c)		
					Subpart XX		
200					60.503		
POC	Subpart Kb	Y	None	Record of liquid	60.116b(c)	P/E	Records
	40 CFR			stored and true vapor	60.116b(e)	upon change	
DOC	60.116b(c)		N	pressure	(0.11(1/0/1)	of service	
POC	Subpart Kb 40 CFR	Y	None	Waste Mixture Record	60.116b(f)(1)	P/E	Records
				of liquid stored and	60.116b(f)(2)	upon change	
POC	60.116b(f)	V	None	true vapor pressure	DAAOMD	of service	Dagarda
POC	BAAQMD Condition	Y	None	94.811tpy for all	BAAQMD Condition #	P/A	Records
	# 1253,			sources			
					1253, part IIID		
	part IB				L		

# Subject to MACT Subpart R but not NSPS Subpart K due to Capacity

# Table VII - C Applicable Limits and Compliance Monitoring Requirements S-12- FIXED ROOF TANK

Subject to MACT Subpart R bu	not NSPS Subpart	t K due to Capacity
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	Citation of		Periods		Monitoring	Monitoring	
Type of	Limit	FE	of		Requirement	Frequency	Monitoring
Limit		Y/N	Deviation	Limit	Citation	(P/C/N)	Туре
POC	BAAQMD	Y	None	1.44 pounds/1000	BAAQMD	C/A	Continuous
	Condition			barrels for bubble	Condition #		Temperature
	# 1253,			compliance	1253, part IV,		monitor and
	part IIID			determination	Section 3		Source Test
Temper-	BAAQMD	Y	None	1400° F. in outlet or as	BAAQMD	С	Temperature
ature limit	Condition			determined by source	Condition #		monitoring
	# 1253,			test	1253, part IV		
	part IID				Section 3		

# Table VII - D Applicable Limits and Compliance Monitoring Requirements S-13, S-14, S-15, S-16 – EXTERNAL FLOATING ROOF TANKS Subject to NSPS Subpart Kb

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
TVP	BAAQMD 8-5-117 8-5-301 SIP 8-5-117 8-5-301	Y	None	True vapor pressure	BAAQMD 8-5-501.1	P/E initially and upon change of service	Look up table or sample analysis; Records
POC	BAAQMD 8-5-304.6.1	N	None	EFR leaking pontoons gas tight requirements	BAAQMD 8-5-412	P/Q until repaired	Method 21 portable hydrocarbon detector
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/SA	Inspection Certification
POC	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/SA	Inspection Certification
POC	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/SA	Inspection Certification

### Table VII - D

# Applicable Limits and Compliance Monitoring Requirements S-13, S-14, S-15, S-16 – EXTERNAL FLOATING ROOF TANKS Subject to NSPS Subpart Kb

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 8-5-320.5.2	Y	None	Well with cover gasket, a pole sleeve, pole wiper, and	BAAQMD 8-5-401.2,	P/SA	Inspection
				internal float with gap $\leq 1/2$ in, or zero gap pole wiper seal	8-5-404		Certification
POC	BAAQMD	Y	None	Gap between well and roof	BAAQMD	P/SA	Inspection
	8-5-320.5.3			$\leq 1.3 \text{ cm} (1/2 \text{ in})$	8-5-401.2,		
					8-5-404		Certification
POC	BAAQMD	Y	None	Primary seal metallic shoe	BAAQMD	P/SA r	Inspection
	8-5-321.3			extends a minimum 61 cm	8-5-401.1,		Certification
				(24 in) above liquid surface	8-5-404		
POC	BAAQMD	Y	None	Gap between shoe and tank	BAAQMD	P/SA	Inspection
	8-5-321.3.1			shell is no greater than 46	8-5-401.1,		Certification
				cm (18 in)	8-5-404		
POC	BAAQMD	Y	None	Gap between tank shell and	BAAQMD		Inspection
	8-5-321.3.2			the primary seal $\leq$ 3.8 cm	8-5-401.1,	P/SA	Certification
				(1 1/2 in). No continuous	8-5-404		
				gap > 0.32 cm ((1/8 in)			
				shall exceed 10% of			
				circumference. The			
				cumulative length of all			
				seal gaps exceeding 1.3 cm			
				$(1/2 \text{ in}) \le 10\% \text{ of}$			
				circumference and the			
				cumulative length of all			
				seal gaps exceeding 0.32			
				cm (1/8 in) $\leq$ 40% of			
				circumference			
POC	BAAQMD	Y	None	Secondary seal shall allow	BAAQMD	P/SA	Inspection
	8-5-322.2			easy insertion of probes up	8-5-401.1,		Certification
				to 3.8 cm $(1 \frac{1}{2} in)$ in width	8-5-404		
POC	BAAQMD	Y	None	Gap between tank shell and	BAAQMD	P/10 yr	Inspection
	8-5-322.3			the secondary seal shall not	8-5-401.1,	P/SA	Certification
				exceed 1.3 cm (1/2 in)	8-5-404		

## Table VII - D

# Applicable Limits and Compliance Monitoring Requirements S-13, S-14, S-15, S-16 – EXTERNAL FLOATING ROOF TANKS Subject to NSPS Subpart Kb

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 8-5-328.1	N	None	Tank degassing ≥ 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502 8-5-603	P/A	Source Test
POC	SIP 8-5- 328.1.2	Y	None	90% abatement efficiency (tank cleaning)	SIP 8-5-502 8-5-603.2	P/ A	Source Test
POC	BAAQMD 8-5-331	Y	None	Tank cleaning ≥ 90% control	BAAQMD 8-5-502.2 8-5-603	P/A	Source Test
POC		Y	None	Certification reports on tank inspections and source tests	BAAQMD 8-5-404 SIP 8-5-404 SIP 8-5-405	P/ after each tank inspection and source test	Certification report
POC		Y	None	Records of tank seal replacement	BAAQMD 8-5-501.2	P/ for each tank seal replacement	Records (retain 10 years)
POC		Y	None	Determination of applicability	BAAQMD 8-5-604	P/E	Look-up table or sample analysis
POC	Subpart Kb 40 CFR 60.112b (a)(2)(ii)	Y	None	EFR deck fitting closure standards; includes gasketed covers	40 CFR 60.113b(b)(6)	Each time emptied & degassed	Visual inspection
POC	Subpart Kb 40 CFR 60.113b (b)(4)(i)	Y	None	EFR primary rim-seal standards; includes gap criteria	60.113b(b)(1) 60.113b(b)(2) 60.113b(b)(3)	P/ at 5 year intervals	Measurement and visual inspection
POC	Subpart Kb 40 CFR 60.113b (b)(4)(ii)	Y	None	EFR secondary rim-seal standards; includes gap criteria	60.113b(b)(1) 60.113b(b)(2) 60.113b(b)(3)	P/A	Measurement and visual inspection

# Table VII - D Applicable Limits and Compliance Monitoring Requirements S-13, S-14, S-15, S-16 – EXTERNAL FLOATING ROOF TANKS Subject to NSPS Subpart Kb

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 60.116b(c)	Y	None	Record of liquid stored and true vapor pressure	60.116b(c)	P/E upon change of service	Records
POC		Y	None	EFR seal inspection records for report in 60.115b(b)(2)	60.115b(b)(3)	P/A For each gap measure- ment	Records
POC		Y	None	EFR inspection report for non-compliant seals	60.115b(b)(4)	P/A Within 30 days of seal inspection	Report
POC	BAAQMD Condition #	Y	None	94.811tpy for all sources	BAAQMD Condition #	P/A	Records
	1253, part IB				1253, part IIID		

# Table VII – F Applicable Limits and Compliance Monitoring Requirements 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	Ν	None	POC Emission $\leq 5.7$	BAAQMD Condition #	C/A	Continuous
	8-44-304			grams per cubic meter (2 lb/1000 barrel)	1253, part IV,		Temperature monitor and
				loaded, or emission	Section 3b and		Source Test
				controlled $\geq$ 95% wt.	11		
POC	SIP	Y	None	POC Emission $\leq 5.7$	BAAQMD	C/A	Continuous
	BAAQMD			grams per cubic meter	Condition #	5.	Temperature
	8-44-301.1			(2 lb/1000 barrel)	1253, part IV,		monitor and
				loaded, or	Section 3b and		Source Test
					11		

# Table VII – F Applicable Limits and Compliance Monitoring Requirements 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	SIP BAAQMD 8-44.301.2	Y	None	Controlled ≥ 95% weight	BAAQMD Condition # 1253, part IV, Section 3b and 11	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 ≥ 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 ≤ 1000 ppmv	40 CFR 63.564(g)(1), BAAQMD Condition # 1253, part IV, Section 3b and 11	C/A	Continuous Temperature monitor and Source Test
POC	BAAQMD Condition # 1253, part IB	Y	None	94.811tpy for all sources	BAAQMD Condition # 1253, part IIID, Schedule D	P/A	Calculations and 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 3b and 11	C/A	Continuous Temperature Monitor and Source test

# Table VII – F Applicable Limits and Compliance Monitoring Requirements 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 Condition # 1253 part IV, section 7	Y	None	Minimum operating incinerator temperature of ≥ 1400°F. unless modified by the District, based on source test results	BAAQMD Condition # 1253, part IV, Section 3b	С	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	P/E	Inspection
SO2	BAAQMD Regulation 9-1-303	Y	None	SO2 < 2000 ppm, or Fuel Sulfur < 3.34% by weight	BAAQMD Regulation 9-1-602 Condition # 1253, part IIID, schedule E	P/Q	Analysis reports
Temper- ature limit	BAAQMD Condition # 1253, part IID Section 2ii, Part IV, Section 7	Y	None	1400° F. in outlet or as determined by source test	BAAQMD Condition # 1253, part IV Section 3	С	Temperature monitoring

# Table VII - G Applicable Limits and Compliance Monitoring Requirements S-30 – OILY WATER SEPARATOR

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 Regulation 8-8-301	Y	None	No cracks and gaps > 0.32 cm (0.125 inch)	BAAQMD Regulation 8- 8-301	P/SA	Inspection
POC	BAAQMD Regulation 8-8-303	Y	None	Vapor Tight	BAAQMD Regulation 8- 8-603	None	Inspection
РОС	BAAQMD Regulation 8-8-305	Y	None	No cracks and gaps > 0.32 cm (0.125 inch)	BAAQMD Regulation 8- 8-305	P/SA	Inspection
POC	BAAQMD Condition # 24966, part 5	Y	None	Second to last carbon vessel outlet > 10% of inlet concentration or >10 ppmv	BAAQMD Condition # 24966, part 3	P/M	FID Inspection
POC	BAAQMD Condition # 24966, part 6	Y	None	Last carbon vessel outlet > 10 ppmv	BAAQMD Condition # 24966, part 3	P/M	FID Inspection
Through- put	BAAQMD Condition # 24966, part 1	Y	None	650,000 gallons per any consecutive 12- month period	BAAQMD Condition # 24966, part 7	С	Records
Through- put	BAAQMD Condition # 24966, part 2	Y	None	100 scfm to carbon abatement	None	N/A	None

# Table VII - HApplicable Limits and Compliance Monitoring RequirementsS-27, AND S-28 - FIXED ROOF TANKSSubject to NSPS Subpart Ka and MACT Subpart R

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
TVP	BAAQMD 8-5-117 8-5-301 SIP 8-5-117 8-5-301	Y	None	True vapor pressure	BAAQMD 8-5-501.1	P/E initially and upon change of service	Look up table or sample analysis; Records
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 <u>&gt;95%</u> weight and gas tight (<500 ppm)	BAAQMD 8- 5-403 BAAQMD Condition # 1253, part IV, Section 3b	C P/A	Continuous Temperature Monitor and Source Test
POC	BAAQMD 8-5-328.1	N	None	Tank degassing ≥ 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502 8-5-603	P/A	Source Test
POC	SIP 8-5- 328.1.2	Y	None	90% abatement efficiency (tank cleaning)	SIP 8-5-502 8-5-603.2	P/ A	Source Test
POC	BAAQMD 8-5-331	Y	None	Tank cleaning ≥ 90% control	BAAQMD 8-5-502.2 8-5-603	P/A	Source Test
POC		Y	None	Determination of applicability	BAAQMD 8-5-604	P/E	Look-up table or sample analysis
POC	Subpart Ka 40 CFR 60.112(a) (a)(3)	Y	None	Controlled ≥ 95%	Subpart Ka 40 CFR 60.113(a) (a)(2)	N	None

# Table VII - HApplicable Limits and Compliance Monitoring RequirementsS-27, AND S-28 - FIXED ROOF TANKSSubject to NSPS Subpart Ka and MACT Subpart R

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 60.112b(a) (3)(i)	Y	None	Vapor Recovery System no detectable emissions ≥ 500 ppm	Subpart Kb 40 CFR 60.113b(c) (2)	С	Comply with operating plan
POC	Subpart Kb 40 CFR 60.112b(a) (3)(ii)	Y	None	Vapor Recovery System ≥ 95% control	Subpart R 40 CFR 63.425(a) (1) 63.425(b) 63.425(c) Subpart XX 60.503	P/A	Source Test
POC	Subpart Kb 40 CFR 60.116b(c)	Y	None	Record of liquid stored and true vapor pressure	60.116b(c) 60.116b(e)	P/E upon change of service	Records
POC	Subpart Kb 40 CFR 60.116b(f)	Y	None	Waste Mixture Record of liquid stored and true vapor pressure	60.116b(f)(1) 60.116b(f)(2)	P/E upon change of service	Records
POC	BAAQMD Condition # 1253, part IB	Y	None	94.811tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC see note in IV-A	BAAQMD Condition # 1253, part IIID	Y	None	1.44 pounds/1000 barrels for bubble compliance determination	BAAQMD Condition # 1253, part IV, Section 3	C/A	Continuous Temperature monitor and Source Test
Temper- ature limit	BAAQMD Condition # 1253, part IID2ii & IV.7	Y	None	1400° F. in outlet or as determined by source test	BAAQMD Condition # 1253, part IV Section 3	С	Temperature monitoring

# Table VII - I Applicable Limits and Compliance Monitoring Requirements 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
Through- put	BAAQMD Condition # 13720, part 1	Y	None	Natural gas ≤ 90 M SCF/ 12 months	BAAQMD Condition # 13720, part 6	С	Flow meter
SO2	BAAQMD Regulation 9-1-301	Y	None	Ground Level Concentration > 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	BAAQMD 9-1-501	P/ As required by APCO	Area Monitoring
SO2	BAAQMD Regulation 9-1-302	Y	None	≤300 ppm SO2, dry	None	N	None
SO2	BAAQMD Condition # 1253, part IB	Y	None	83.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
NOx	SIP Regulation 9-7-301.1	Y	None	30 ppmv dry, @ 3% O2	BAAQMD Condition # 13720, part 5	P/A	Source test
NOx	BAAQMD Regulation 9-7-307.3	N	None	15 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 # 13720, Part 2	Y	None	15 ppmv @3% O2	BAAQMD Condition # 13720, part 5	P/A	Source test
СО	SIP Regulation 9-7-301.2	Y	None	400 ppmv dry, @ 3% O2	BAAQMD Condition # 13720, part 5	P/A	Source test

# Table VII - I Applicable Limits and Compliance Monitoring Requirements 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
СО	BAAQMD Condition # 1253, part IB	Y	None	52.2 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
СО	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 IB	Y	None	94.811tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
Visible Emissions	BAAQMD 6-1-301	N	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	Ν	Ν
Visible Emissions	SIP 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
Visible Emissions	BAAQMD 6-1-304	N	None	During tube cleaning, visible emission must not be dark or darker than Ringelmann No. 2 for a period of more than 6 minutes in 24 hours	None	N	N
Visible Emissions	SIP 6-304	Y	None	During tube cleaning, visible emission must not be dark or darker than Ringelmann No. 2 for a period of more than 6 minutes in 24 hours	None	N	N

# Table VII - I Applicable Limits and Compliance Monitoring Requirements 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
FP	BAAQMD 6-1-310.3	N	None	Particulate Matter < 343 mg per dscm (0.15 gr/dscf) @ 6% oxygen volume	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
РМ	BAAQMD Condition # 1253, part IB	Y	None	25.8 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records

# Table VII – J.1 Applicable Limits and Compliance Monitoring Requirements S-75 EMERGENCY DIESEL GENERATOR

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Visible Emissions	BAAQMD 6-1-303.1	N	None	≥ Ringelmann No. 2 for no more than 3 minutes/hour	BAAQMD Regulation 6-1-401	С	Visible Inspection
Visible Emissions	SIP Regulation 6-303.1	Y	None	≥ Ringelmann 2.0 for no more than 3 minutes/hour	SIP Regulation 6-401	С	Visible Inspection
Visible Particles	BAAQMD 6-1-305	N	None	Prohibition of nuisance	None	N	N/A
Visible Particles	SIP 6-305	Y	None	Prohibition of nuisance	None	N	N/A
FP	BAAQMD 6-1-310	N	None	0.15 gr/dscf	None	N	N/A
FP	SIP Regulation 6-310	Y	None	0.15 gr/dscf	None	N	N/A

# Table VII – J.1 Applicable Limits and Compliance Monitoring Requirements S-75 EMERGENCY DIESEL GENERATOR

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	Ground Level Concentration > 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	BAAQMD 9-1-501	P/ As required by APCO	Area Monitoring
SO <sub>2</sub>	BAAQMD Regulation 9-1-302	Y	None	<u>≤</u> 300 ppm SO2, dry	None	N	None
SO <sub>2</sub>	BAAQMD Regulation 9-1-304	Y	None	Fuel Sulfur Limit 0.5%	None	P/M	Vendor Certification
Hours of operation	BAAQMD 9-8-330.3	N	None	< 50 hours/year for reliability-related	BAAQMD 9-8-530	С	Totalizing meter
				activities	BAAQMD 9-8-520.1 & 9-8-530	М	Records
Hours of operation	CCR, Title 17, Section 93115.6 (a)(3)(A)(1)	N	None	< 50 hours/year for maintenance and testing	CCR, Title 17, Section 93115.10 (e)(1)	С	Totalizing Counter
	(c)				CCR, Title 17, Section 93115.10(g)	М	Records
Hours of operation	BAAQMD Condition # 19308, Part 2	Y	None	50 hours per year	BAAQMD Condition # 19308, Parts 3& 4	С	Totalizing meter
Hours of operation	40 CFR 63.6640 (f)(1)(ii)	Y	None	< 100 hours/year for readiness testing	40 CFR 63.6625(f)	С	Totalizing meter
Hours of operation	40 CFR 63.6640 (f)(1)(iii)	Y	None	< 50 hours/year for non- emergency and not readiness testing	40 CFR 63.6625(f)	С	Totalizing meter

# Table VII – J.2Applicable Limits and Compliance Monitoring RequirementsS-91 EMERGENCY DIESEL FIREWATER PUMP

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Visible Emissions	BAAQMD 6-1-303.1	N	None	≥ Ringelmann No. 2 for no more than 3 minutes/hour	BAAQMD Regulation 6-1-401	С	Visible Inspection
Visible Emissions	SIP Regulation 6-303.1	Y	None	≥ Ringelmann 2.0 for no more than 3 minutes/hour	SIP Regulation 6-401	С	Visible Inspection
Visible Particles	BAAQMD 6-1-305	N	None	Prohibition of nuisance	None	N	N/A
Visible Particles	SIP 6-305	Y	None	Prohibition of nuisance	None	N	N/A
FP	BAAQMD 6-1-310	N	None	0.15 gr/dscf	None	N	N/A
FP	SIP Regulation 6-310	Y	None	0.15 gr/dscf	None	N	N/A
SO2	BAAQMD Regulation 9-1-301	Y	None	Ground Level Concentration > 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	BAAQMD 9-1-501	P/ As required by APCO	Area Monitoring
SO <sub>2</sub>	BAAQMD Regulation 9-1-302	Y	None	<u>≤</u> 300 ppm SO2, dry	None	N	None
SO <sub>2</sub>	BAAQMD Regulation 9-1-304	Y	None	Fuel Sulfur Limit 0.5%	None	P/M	Vendor Certification
SO2	40 CFR 60.4207(a)	Y	None	Use diesel fuel that meets500 ppm sulfur content per 40 CFR 80.510(a) requirements	None	N	N/A

# Table VII – J.2 Applicable Limits and Compliance Monitoring Requirements S-91 EMERGENCY DIESEL FIREWATER PUMP

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
SO2	40 CFR 60.4207(b)	Y	None	Use diesel fuel that meets 15 ppm sulfur content per 40 CFR 80.510(b) for nonroad diesel	None	Ν	N/A
Hours of operation	BAAQMD 9-8-330.3	N	None	< 50 hours/year for reliability-related	BAAQMD 9-8-530	С	Totalizing meter
				activities	BAAQMD 9-8-520.1 & 9-8-530	М	Records
Hours of operation	CCR, Title 17, Section 93115.6 (a)(3)(A)(1)	N	None	< 50 hours/year for maintenance and testing	CCR, Title 17, Section 93115.10 (e)(1)	С	Totalizing Counter
	(c)				CCR, Title 17, Section 93115.10(g)	М	Records
Hours of operation	BAAQMD Condition # 22850, Part 1	Y	None	50 hours per year	BAAQMD Condition # 22805, Parts 3& 4	С	Totalizing meter
Hours of operation	40 CFR 60.4211(e)	Y	None	< 100 hours/year for maintenance and readiness checks	40 CFR 60.4209(a)	С	Totalizing meter
NMHC + NOx	40 CFR 60.4205(c)	Y	None	3.0 g/bhp-hr	40 CFR 60.4211(a)	С	Operate and maintain per mfg instructions
СО	40 CFR 60.4205(c)	Y	None	2.6 g/bhp-hr	40 CFR 60.4211(a)	С	Operate and maintain per mfg instructions
РМ	40 CFR 60.4205(c)	Y	None	0.15 g/bhp-hr	40 CFR 60.4211(a)	С	Operate and maintain per mfg instructions

## Table VII – K

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
TVP	BAAQMD 8-5-117 8-5-301 SIP 8-5-117 8-5-301	Y	None	True vapor pressure	BAAQMD 8-5-501.1	P/E initially and upon change of service	Look up table or sample analysis; Records
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 8-5-320.3.1	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 8-5-320.3.2	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

### Table VII – K

			Periods		Monitoring	Monitoring	
Type of	Citation of	FE	of		Requirement	Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation	(P/C/N)	Туре
POC	BAAQMD	Y	None	Slotted sampling or	BAAQMD	P/twice per	Inspection
	8-5-320.5.3			gauging wells: Gap	8-5-402.2 &	year at 4 to	
				between well and roof	8-5-404	8 months	Certification
				shall be added to gaps		interval	
				measured $\leq$ 1.3 cm			
				(1/2 in)			
POC	BAAQMD	Y	None	Emergency roof drain	BAAQMD	P/twice per	Inspection
	8-5-320.6			with slotted membrane	8-5-402 &	year at 4 to	
				fabric cover $\ge 90\%$	8-5-404	8 months	Certification
				opening area		interval	
POC	BAAQMD	Y	None	No holes, tears or	BAAQMD	P/twice per	Inspection
	8-5-321.1			other openings in the	8-5-402.2 &	year at 4 to	
				primary seal fabric	8-5-404	8 months	Certification
						interval	
POC	BAAQMD	Y	None	Primary seal metallic	BAAQMD	P/10 yr	
	8-5-321.2			shoe or liquid	8-5-402.1	and every	Inspection
				mounted type	8-5-404	time a seal is	Certification
						repaired or	
						replaced	н
POC	BAAQMD	Y	None	Primary seal metallic	BAAQMD		
	8-5-321.3			shoe extends	8-5-402.1,	P/10 yr	Inspection
				minimum 61 cm (24	8-5-404	and every	Certification
				in) for external		time a seal is	
				floating and 18 in for		repaired or	
				internal floating roof		replaced	
				tank above liquid			
				surface			
POC	BAAQMD	Y	None	Gap between shoe and	BAAQMD		
	8-5-321.3.1			tank shell is no greater	8-5-402.1,	P/10 yr	Inspection
				than 46 cm (18 in)	8-5-404	and every	Certification
						time a seal is	
						repaired or	
						replaced	

## Table VII – K

			Periods		Monitoring	Monitoring	
Type of	Citation of	FE	of		Requirement	Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation	(P/C/N)	Туре
POC	BAAQMD	Y	None	For welded tanks, gap	BAAQMD		
	8-5-321.3.2			between tank shell and	8-5-402.1,	P/10 yr	Inspection
				the primary seal < 3.8	8-5-404	and every	Certification
				cm (1 1/2 in). No		time a seal is	
				continuous gap > 0.32		repaired or	
				cm ((1/8 in) shall		replaced	
				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			
POC	BAAQMD	Y	None	No holes, tears, or	BAAQM	P/twice per	Inspection
	8-5-322.1			other openings in	8-5-402.2 &	year at 4 to	
				secondary seal	8-5-404	8 months	Certification
						interval	1
POC	BAAQMD	Y	None	Secondary seal shall	BAAQMD		
	8-5-322.2			allow easy insertion of	8-5-402.1, &	P/10 yr	Inspection
				probes up to 3.8 cm (1	8-5-404	and every	Certification
				<sup>1</sup> / <sub>2</sub> in) in width		time a seal is	
						repaired or	
						replaced	
POC	BAAQMD	Y	None	Gap between tank	BAAQMD	PP/twice per	
	8-5-322.3			shell and the	8-5-402.2, &	year at 4 to	Inspection
				secondary seal shall	8-5-404	8 months	Certification
				not exceed 1.3 cm (1/2		interval	
				in)			

### Table VII – K

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 8-5-328.1	Y	None	Tanks > 75 m3 residual organic concentration of < 10,000 ppm as methane after degassing	BAAQMD 8-5-328.1	P/each time emptied & degassed; 4 consecutive measure- ments at 15 minute intervals	Method 21 portable hydrocarbon detector
POC	BAAQMD 8-5-328.1	Y	None	Tank $\geq$ 75 m <sup>3</sup> , Tank degassing 90% control	BAAQMD 8-5-502	P/E	Source Test
POC	SIP 8-5- 328.1.1	Y	None	Tank $\geq$ 75 m <sup>3</sup> , tank degassing shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	SIP 8-5- 328.1.2	Y	None	Tank ≥ 75 m <sup>3</sup> , Tank degassing 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test
POC	Subpart R 40 CFR 63.423(a) Subpart Kb 40 CFR 60.112b (a)(1)	Y	None	IFR deck fitting closure standards	Subpart R 40 CFR 63.425(d) 40 CFR 60.113b(a)(1) 60.113b(a)(4)	Prior to filling tank, each time emptied & degassed, and at least every 10 yr	Visual inspection
POC	Subpart R 40 CFR 63.425(d) Subpart Kb 40 CFR 60.113b (a)(1)	Y	None	Primary and secondary seal No holes, tears or other openings	Subpart R 40 CFR 63.425(d) 40 CFR 60.113b(a) (1)	Prior to filling tank	Visual inspection

### Table VII – K

		<b>9</b>	Periods		Monitoring	Monitoring	
Type of	Citation of	FE	of		Requirement	Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation	(P/C/N)	Туре
POC	Subpart R	Y	None	Primary and	Subpart R 40	PP/E	Inspection
	40 CFR			secondary seal No	CFR 63.425(d)	(emptied	
	63.425(d)			holes, tears or other	40 CFR	and	
	Subpart Kb			openings; Floating	60.113b(a)	degassed)	
	40 CFR			Roof on surface; No	(4)		
	60.113b			liquid on floating roof			
	(a)(2)						
POC	Subpart R	Y	None	Primary and	Subpart R 40	P/A	Inspection
	40 CFR			secondary seal No	CFR 63.425(d)		from viewports
	63.425(d)			holes, tears or other	40 CFR		
	Subpart Kb			openings; Floating	60.113b(a)		
	40 CFR			Roof on surface; No	(1)		
	60.113b			liquid on floating roof			
	(a)(2)						
POC	Subpart Kb	Y	None	Record of liquid	40 CFR	P/E	Records
	40 CFR			stored and true vapor	60.116b(c)	upon change	
	60.116b			pressure		of service	
	(c)						
POC	BAAQMD	Y	None	94.811tpy for all	BAAQMD	P/A	Records
	Condition			sources	Condition #		
	# 1253,				1253, part IIID		
	part IB						
POC	BAAQMD	Y	None	Gasoline or other	BAAQMD	P/D	Monthly
	Condition			hydrocarbon liquids	Condition #		Records
	# 20060,			throughput $\leq 105$	20060, part 6		
	part 1			million gallons for			
				consecutive 12-			
				months for S-76, 77			
				and 78			
POC	BAAQMD	Y	None	Gasoline or other	BAAQMD	P/D	Monthly
	Condition			hydrocarbon liquids	# 20060, part		Records
	# 20060,			throughput $\leq 4.2$	6		
	part 2			million_gallons/			
				claendar day for S-76,			
				77 and 78			

# Table VII – K

## Applicable Limits and Compliance Monitoring Requirements S-76, S-77 AND S-78 - INTERNAL FLOATING ROOF TANKS Subject to NSPS Subpart Kb and MACT Subpart R

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Benzene	BAAQMD	Ν	None	Benzene concentration	BAAQMD	P/6 months	Sample
	Condition			$\leq$ 1.8 % wt.	Condition #		Analysis
	# 20060,				20060, part 3		
	part 3						

# Table VII – L

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
TVP	BAAQMD 8-5-117 8-5-301 SIP 8-5-117 8-5-301	Y	None	True vapor pressure	BAAQMD 8-5-501.1	P/E initially and upon change of service	Look up table or sample analysis; Records
POC	BAAQMD	Y	None	PSV set within 10% of	BAAQMD	P/twice per	Inspection
	8-5-303.1			max pressure or 25.8 mmHg (0.5 psia	8-5-403 & 8-5-404	year at 4 to 8 months interval	Certification
POC	BAAQMD	Y	None	Gasket cover $\leq 0.32$	BAAQMD	P/twice per	Inspection
	8-320.3.1			cm (1/8 in) gap	8-5-402.3 & 8-5-404	year at 4 to 8 months interval	Certification
POC	BAAQMD	Y	None	Inaccessible opening	BAAQMD	P/twice per	Inspection
	8-320.3.2			no visible gap	8-5-402.3 & 8-5-404	year at 4 to 8 months interval	Certification
POC	BAAQMD	Y	None	Solid sampling or	BAAQMD	P/twice per	Inspection
	8-5-320.4.2			gauging wells in	8-5-402.3 &	year at 4 to	
				closed position with	8-5-404	8 months	Certification
				cover, seal or lid $\leq$ 0.32 cm (1/8 in)		interval	

## Table VII – L

			Periods		Monitoring	Monitoring	
Type of	Citation of	FE	of		Requirement	Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation	(P/C/N)	Туре
POC	BAAQMD	Y	None	Solid sampling or	BAAQMD	P/twice per	Inspection
	8-5-320.4.3			gauging wells: Gap	8-5-402.3 &	year at 4 to	
				between well and roof	8-5-404	8 months	Certification
				shall be added to gaps		interval	
				measured $\leq$ 1.3 cm			
				(1/2 in)			
POC	BAAQMD	Y	None	Slotted sampling or	BAAQMD	P/twice per	Inspection
	8-5-320.5.2			gauging wells in	8-5-402.2 &	year at 4 to	
				closed position with	8-5-404	8 months	Certification
				cover, seal or lid $\leq 1.3$		interval	
				cm (1/2 in)			
POC	BAAQMD	Y	None	Slotted sampling or	BAAQMD	P/twice per	Inspection
	8-5-320.5.3			gauging wells: Gap	8-5-402.2 &	year at 4 to	
				between well and roof	8-5-404	8 months	Certification
				shall be added to gaps		interval	
				measured $\leq$ 1.3 cm			
				(1/2 in)			
POC	BAAQMD	Y	None	Emergency roof drain	BAAQMD	P/twice per	Inspection
	8-5-320.6			with slotted membrane	8-5-402 &	year at 4 to	
				fabric cover $\ge 90\%$	8-5-404	8 months	Certification
				opening area		interval	
POC	BAAQMD	Y	None	No holes, tears or	BAAQMD	P/twice per	Inspection
	8-5-321.1			other openings in the	8-5-402.2 &	year at 4 to	
				primary seal fabric	8-5-404	8 months	Certification
						interval	
POC	BAAQMD	Y	None	Primary seal metallic	BAAQMD	P/10 yr	
	8-5-321.2			shoe or liquid	8-5-402.1	and every	Inspection
				mounted type	8-5-404	time a seal is	Certification
						repaired or	
						replaced	

### Table VII – L

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 8-5-402.1, 8-5-404	P/10 yr and every time a seal is repaired or replaced	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 8-5-402.1, 8-5-404	P/10 yr and every time a seal is repaired or replaced	Inspection Certification
POC	BAAQMD 8-5-321.3.2	Y	None	For welded tanks, gap between tank shell and the primary seal $\leq 3.8$ 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) $\leq 10\%$ of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) $\leq 40\%$ of circumference	BAAQMD 8-5-402.1, 8-5- 404	P/10 yr and every time a seal is repaired or replaced	Inspection Certification
POC	BAAQMD 8-5-322.1	Y	None	No holes, tears, or other openings in secondary seal	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification

#### Table VII – L

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 8-5-322.2	Y	None	Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	BAAQMD 8-5-402.1, & 8-5-404	P/10 yr and every time a seal is repaired or replaced	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 8-5-402.2, & 8-5-404	PP/twice per year at 4 to 8 months intervalr	Inspection Certification
POC	BAAQMD 8-5-328.1	Y	None	Tanks > 75 m3 residual organic concentration of < 10,000 ppm as methane after degassing	BAAQMD 8-5-328.1	P/each time emptied & degassed; 4 consecutive measure- ments at 15 minute intervals	Method 21 portable hydrocarbon detector
POC	BAAQMD 8-5-328.1	Y	None	Tank ≥ 75 m <sup>3</sup> , Tank degassing 90% control	BAAQMD 8-5-502	P/E	Source Test
POC	SIP 8-5- 328.1.1	Y	None	Tank $\geq$ 75 m <sup>3</sup> , tank degassing shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	SIP 8-5- 328.1.2	Y	None	Tank ≥ 75 m <sup>3</sup> , Tank degassing 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test

### Table VII – L

		J	Periods		Monitoring	Monitoring	
Type of	Citation of	FE	of		Requirement	Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation	(P/C/N)	Туре
POC	Subpart R	Y	None	IFR deck fitting	Subpart R 40	Prior to	Visual
	40 CFR			closure standards	CFR 63.425(d)	filling tank,	inspection
	63.423(a)				40 CFR	each time	nicp conord
	Subpart Kb				60.113b(a)(1)	emptied &	
	40 CFR				60.113b(a)(4)	degassed,	
	60.112b					and at least	
	(a)(1)					every 10 yr	
POC	Subpart R	Y	None	Primary and	Subpart R 40	Prior to	Visual
	40 CFR			secondary seal No	CFR 63.425(d)	filling tank	inspection
	63.425(d)			holes, tears or other	40 CFR	C	1
	Subpart Kb			openings	60.113b(a)		
	40 CFR				(1)		
	60.113b						
	(a)(1)						
POC	Subpart R	Y	None	Primary and	Subpart R 40		Inspection
	40 CFR			secondary seal No	CFR 63.425(d)	P/E	
	63.425(d)			holes, tears or other	40 CFR	(emptied	
	Subpart Kb			openings; Floating	60.113b(a)	and	
	40 CFR			Roof on surface; No	(4)	degassed)	
	60.113b			liquid on floating roof			
	(a)(2)						
POC	Subpart R	Y	None	Primary and	Subpart R 40	P/A	Inspection
	40 CFR			secondary seal No	CFR 63.425(d)		from viewports
	63.425(d)			holes, tears or other	40 CFR		×
	Subpart Kb			openings; Floating	60.113b(a)		
	40 CFR			Roof on surface; No	(1)		
	60.113b			liquid on floating roof			
	(a)(2)						
POC	Subpart Kb	Y	None	Record of liquid	40 CFR	P/E	Records
	40 CFR			stored and true vapor	60.116b(c)	upon change	
	60.116b			pressure		of service	
	(c)						
POC	BAAQMD	Y	None	94.811tpy for all	BAAQMD	P/A	Records
	Condition			sources	Condition #		
	# 1253,				1253, part IIID		
	part IB						

### Table VII – L

# Applicable Limits and Compliance Monitoring Requirements S-79 AND S-80 - INTERNAL FLOATING ROOF TANKS Subject to NSPS Subpart Kb and MACT Subpart R

	0	0					
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	Y	None	Material throughput $\leq$	BAAQMD	P/D	Monthly
	Condition			403.2 million gallons	Condition #		Records
	# 21829,			for consecutive 12-	21829, part 7		
	part 1			months for S-79 and		,	
				80			
POC	BAAQMD	Y	None	Materials other than	BAAQMD	P/D	Monthly
	Condition			gasoline diesel or jet	# 21829, part		Records
	# 21829,			fuel may be stored if	7		
	part 2			POC emissionst $\leq$			
				8,558 lb/yr for S-79	-		
				and 80			
POC	BAAQMD	N	None	Benzene concentration	BAAQMD	P/6 months	Sample
	Condition			$\leq$ 1.4 % wt.	Condition #		Analysis
	# 21829,				21829, part 4		
	part 4						

# Table VII – M

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
TVP	BAAQMD 8-5-117 8-5-301 SIP 8-5-117 8-5-301	Y	None	True vapor pressure	BAAQMD 8-5-501.1	P/E initially and upon change of service	Look up table or sample analysis; Records
РОС	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

### Table VII – M

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 8-320.3.2	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 $\leq 1.3$ 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 ≥ 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

### Table VII – M

		i o jee		Subpart KD and	The set of the second strategies and		
			Periods		Monitoring	Monitoring	
Type of	Citation of	FE	of		Requirement	Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation	(P/C/N)	Туре
POC	BAAQMD	Y	None	Primary seal metallic	BAAQMD		
	8-5-321.2			shoe or liquid	8-5-402.1	P/10 yr	Inspection
				mounted type	8-5-404	and every	Certification
						time a seal is	
						repaired or	
						replaced	
POC	BAAQMD	Y	None	Primary seal metallic	BAAQMD		
	8-5-321.3			shoe extends	8-5-402.1,	P/10 yr	Inspection
				minimum 61 cm (24	8-5-404	and every	Certification
				in) for external		time a seal is	
				floating and 18 in for		repaired or	
				internal floating roof		replaced	
				tank above liquid			
				surface			
POC	BAAQMD	Y	None	Gap between shoe and	BAAQMD		
	8-5-321.3.1			tank shell is no greater	8-5-402.1,	P/10 yr	Inspection
				than 46 cm (18 in)	8-5-404	and every	Certification
						time a seal is	
						repaired or	
						replaced	
POC	BAAQMD	Y	None	For welded tanks, gap	BAAQMD		
	8-5-321.3.2			between tank shell and	8-5-402.1,	P/10 yr	Inspection
				the primary seal $\leq 3.8$	8-5-404	and every	Certification
				cm (1 1/2 in). No		time a seal is	
				continuous gap > 0.32		repaired or	
				cm ((1/8 in) shall		replaced	
				exceed 10% of			
				circumference. The			
				cumulative length of			
				all seal gaps exceeding			
				$1.3 \text{ cm} (1/2 \text{ in}) \le 10\%$			
				of circumference and			
				the cumulative length			
				of all seal gaps			
				exceeding 0.32 cm			
				$(1/8 \text{ in}) \le 40\% \text{ of}$			
				circumference			

## Table VII – M

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 8-5-322.1	Y	None	No holes, tears, or other openings in secondary seal	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 ½ in) in width	BAAQMD 8-5-402.1, & 8-5-404	P/10 yr and every time a seal is repaired or replaced	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 8-5-402.2, & 8-5-404	PP/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-328.1	Y	None	Tanks > 75 m3 residual organic concentration of < 10,000 ppm as methane after degassing	BAAQMD 8-5-328.1	P/each time emptied & degassed; 4 consecutive measure- ments at 15 minute intervals	Method 21 portable hydrocarbon detector
POC	BAAQMD 8-5-328.1	Y	None	Tank $\geq$ 75 m <sup>3</sup> , Tank degassing 90% control	BAAQMD 8-5-502	P/E	Source Test
POC	SIP 8-5- 328.1.1	Y	None	Tank $\geq$ 75 m <sup>3</sup> , tank degassing shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	SIP 8-5- 328.1.2	Y	None	Tank ≥ 75 m <sup>3</sup> , Tank degassing 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test

#### Table VII – M

# Applicable Limits and Compliance Monitoring Requirements S-81, S-82, AND S-83 - INTERNAL FLOATING ROOF TANKS Subject to NSPS Subpart Kb and MACT Subpart R

		3	Periods		Monitoring	Monitoring	
Type of	Citation of	FE	of		Requirement	Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation	(P/C/N)	Туре
POC	Subpart R	Y	None	IFR deck fitting	Subpart R 40	Prior to	Visual
100	40 CFR		Tione	closure standards	CFR 63.425(d)	filling tank,	inspection
	63.423(a)			closure standards	40 CFR	each time	mspection
	Subpart Kb				60.113b(a)(1)	emptied &	
	40 CFR				60.113b(a)(4)	degassed,	
	60.112b					and at least	
	(a)(1)					every 10 yr	
POC	Subpart R	Y	None	Primary and	Subpart R 40	Prior to	Visual
	40 CFR			secondary seal No	CFR 63.425(d)	filling tank	inspection
	63.425(d)			holes, tears or other	40 CFR	C	
	Subpart Kb			openings	60.113b(a)		
	40 CFR				(1)		
	60.113b						
	(a)(1)						
POC	Subpart R	Y	None	No holes, tears or	Subpart R 40		Inspection
	40 CFR			other openings in	CFR 63.425(d)	P/E	
	63.425(d)			primary and secondary	40 CFR	(emptied	
	Subpart Kb			seals; Floating Roof	60.113b(a)	and	
	40 CFR			on surface; No liquid	(4)	degassed)	
	60.113b			on floating roof			
	(a)(2)						
POC	Subpart R	Y	None	Primary and	Subpart R 40	P/A	Inspection
	40 CFR			secondary seal No	CFR 63.425(d)		from viewports
	63.425(d)			holes, tears or other	40 CFR		
	Subpart Kb			openings; Floating	60.113b(a)		
	40 CFR			Roof on surface; No	(1)		
	60.113b			liquid on floating roof			
	(a)(2)						
POC	Subpart Kb	Y	None	Record of liquid	40 CFR	P/E	Records
	40 CFR			stored and true vapor	60.116b(c)	upon change	
	60.116b			pressure		of service	
	(c)						
POC	BAAQMD	Y	None	94.811 tpy for all	BAAQMD	P/A	Records
	Condition			sources	Condition #		
	# 1253,				1253, part IIID		
	part IB						

# Table VII – MApplicable Limits and Compliance Monitoring RequirementsS-81, S-82, AND S-83 - INTERNAL FLOATING ROOF TANKSSubject to NSPS Subpart Kb and MACT Subpart R

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 1	Y	None	Non-exempt organic liquids throughput ≤ 453.6 million gallons for consecutive 12- months for S-81, 82, and 83	BAAQMD Condition # 22788, part 7	P/D	Monthly Records
POC	BAAQMD Condition # 22788, part 2	Y	None	Materials other than gasoline diesel or jet fuel may be stored if POC emissions ≤ 13,591 lb/yr for S-81, 82, and 83	BAAQMD # 22788, part 7	P/D	Monthly Records
POC	BAAQMD Condition # 22788, part 4	N	None	Benzene concentration $\leq 1.4$ % wt.	BAAQMD Condition # 22788, part 4	P/6 months	Sample Analysis

# 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
TVP	BAAQMD 8-5-117 8-5-301 SIP 8-5-117 8-5-301	Y	None	True vapor pressure	BAAQMD 8-5-501.1	P/E initially and upon change of service	Look up table or sample analysis; Records
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

#### Table VII – N

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 8-320.3.2	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 $\leq 1.3$ 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 ≥ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
РОС	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

### Table VII – N

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 8-5-321.2	Y	None	Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 8-5-404	P/10 yr and every time a seal is repaired or replaced	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 8-5-402.1, 8-5-404	P/10 yr and every time a seal is repaired or replaced	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 8-5-402.1, 8-5-404	P/10 yr and every time a seal is repaired or replaced	Inspection Certification
POC	BAAQMD 8-5-321.3.2	Y	None	For welded tanks, gap between tank shell and the primary seal $\leq 3.8$ 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) $\leq 10\%$ of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) $\leq 40\%$ of circumference	BAAQMD 8-5-402.1, 8-5-404	P/10 yr and every time a seal is repaired or replaced r	Inspection Certification

### Table VII – N

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 8-5-322.1	Y	None	No holes, tears, or other openings in secondary seal	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 ½ in) in width	BAAQMD 8-5-402.1, & 8-5-404	P/10 yr and every time a seal is repaired or replaced	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 8-5-402.2, & 8-5-404	PP/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-328.1	Y	None	Tanks > 75 m3 residual organic concentration of < 10,000 ppm as methane after degassing	BAAQMD 8-5-328.1	P/each time emptied & degassed; 4 consecutive measure- ments at 15 minute intervals	Method 21 portable hydrocarbon detector
POC	BAAQMD 8-5-328.1	Y	None	Tank $\geq$ 75 m <sup>3</sup> , Tank degassing 90% control	BAAQMD 8-5-502	P/E	Source Test
POC	SIP 8-5- 328.1.1	Y	None	Tank $\geq$ 75 m <sup>3</sup> , tank degtassing shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	SIP 8-5- 328.1.2	Y	None	Tank ≥ 75 m <sup>3</sup> , Tank degassing 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test

### Table VII – N

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 R 40 CFR 63.423(a) Subpart Kb 40 CFR 60.112b (a)(1)	Y	None	IFR deck fitting closure standards	Subpart R 40 CFR 63.425(d) 40 CFR 60.113b(a)(1) 60.113b(a)(4)	Prior to filling tank, each time emptied & degassed, and at least every 10 yr	Visual inspection
POC	Subpart R 40 CFR 63.425(d) Subpart Kb 40 CFR 60.113b (a)(1)	Y	None	Primary and secondary seal No holes, tears or other openings	Subpart R 40 CFR 63.425(d) 40 CFR 60.113b(a) (1)	Prior to filling tank	Visual inspection
POC	Subpart R 40 CFR 63.425(d) Subpart Kb 40 CFR 60.113b (a)(2)	Y	None	No holes, tears or other openings in primary and secondary seals; Floating Roof on surface; No liquid on floating roof	Subpart R 40 CFR 63.425(d) 40 CFR 60.113b(a) (4)	P/E (emptied and degassed)	Inspection
POC	Subpart R 40 CFR 63.425(d) Subpart Kb 40 CFR 60.113b (a)(2)	Y	None	Primary and secondary seal No holes, tears or other openings; Floating Roof on surface; No liquid on floating roof	Subpart R 40 CFR 63.425(d) 40 CFR 60.113b(a) (1)	P/A	Inspection from viewports
POC	Subpart Kb 40 CFR 60.116b (c)	Y	None	Record of liquid stored and true vapor pressure	40 CFR 60.116b(c)	P/E upon change of service	Records
POC	BAAQMD Condition # 1253, part IB	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records

### 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	Y	None	Non-exempt organic	BAAQMD	P/D	Monthly
	Condition			liquids throughput $\leq$	Condition #		Records
	# 23338,			856.8 million gallons	23338, part 7		
	part 1			for consecutive 12-			
				months for S-84			
				through 90			
POC	BAAQMD	Y	None	Materials other than	BAAQMD	P/D	Monthly
	Condition			gasoline diesel or jet	# 23338, part		Records
	# 23338,			fuel may be stored if	7		
	part 2			POC emissions $\leq$			
				33,178 lb/yr for S-84			
				through 90			
POC	BAAQMD	N	None	Benzene concentration	BAAQMD	P/6 months	Sample
	Condition			$\leq$ 1.4 % wt.	Condition #		Analysis
	# 23338,				23338, part 4		
	part 4						

# Table VII - O Applicable Limits and Compliance Monitoring Requirements 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	Y	None	GLC > 0.5 ppm	BAAQMD	P/ As	Area
	Regulation			continuously for 3	9-1-501	required by	Monitoring
F	9-1-301			consecutive minutes or		APCO	
				0.25 ppm averaged over 60			
				consecutive minutes or			
				0.05 ppm averaged over 24			
				hrs		ų	
SO2	SIP	Y	None	$\leq$ 300 ppm SO2, dry	None	Ν	None
	BAAQMD						
	Regulation						
	9-1-302						

# Table VII - O Applicable Limits and Compliance Monitoring Requirements 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 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
СО	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 IB	Y	None	94.811tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
Visible Emissions	BAAQMD 6-1-301	N	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	Ν	N
Visible Emissions	SIP 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
Visible Particles	BAAQMD 6-1-305	N	None	Prohibition of nuisance	None	N	N/A
Visible Particles	SIP 6-305	Y	None	Prohibition of nuisance	None	N	N/A
FP	BAAQMD 6-1-310	N	None	0.15 gr/dscf	None	N	N/A
FP	SIP 6-310	Y	None	Particulate Matter $\leq$ 343 mg per dscm (0.15 gr/dscf)	None	N	N

# Table VII - O Applicable Limits and Compliance Monitoring Requirements 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
FP	BAAQMD	Y	None	25.8 tpy for all sources	BAAQMD	P/A	Records
	Condition #				Condition #		
	1253, part				1253, part		
	IB				IIID		
Ambient	BAAQMD	Y	None	Ground level	BAAQMD	P/ As	Area
H2S	9-2-301			concentrations of 0.06 ppm	9-2-501	required by	Monitoring
				for 3 min or 0.03 ppm for	9-2-602	APCO	
				60 min			

# Table VII – P Applicable Limits and Compliance Monitoring Requirements FACILITY

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Visible	BAAQMD	N	None	Visible emission must	BAAQMD	С	Visible
Emissions	6-1-301			not be dark or darker	Regulation 6-		Inspection
				than Ringelmann No.	401		
				1 for a period of more			
				than 3 minutes in any			
				hour			
FP	SIP	Y	None	Ringelmann 1	SIP	С	Visible
	Regulation			Limitation	Regulation 6-		Inspection
	6-301				401		
SO2	BAAQMD	Y	None	GLC > 0.5 ppm	BAAQMD	As required	Area
	Regulation			continuously for 3	9-1-501	by APCO	Monitoring
	9-1-301			consecutive minutes			
				or 0.25 ppm averaged			
				over 60 consecutive			
				minutes or 0.05 ppm			
				averaged over 24 hrs			

# Table VII – P Applicable Limits and Compliance Monitoring Requirements FACILITY

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 IB	Y	None	94.811tpy for all sources (except S-74 and S-75 Diesel IC Emergency Generator)	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD 8-5-328.1	N	None	Tank degassing ≥ 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502 8-5-603	P/A	Source Test
POC	SIP 8-5- 328.1.2	Y	None	90% abatement efficiency (tank cleaning)	SIP 8-5-502 8-5-603.2	P/ A	Source Test
POC	BAAQMD 8-5-331	Y	None	Tank cleaning ≥ 90% control	BAAQMD 8-5-502.2 8-5-603	P/A	Source Test
POC		Y	None	Determination of applicability	BAAQMD 8-5-604	P/E	Look-up table or sample analysis
NOx	BAAQMD Condition # 1253, part IB	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 IB	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 IB	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 IB	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 – P Applicable Limits and Compliance Monitoring Requirements FACILITY

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	N		High-level vapor	BAAQMD	С	Monitoring
	Condition			bladder tank alarm, to	Condition #		
	# 25463,			alarm at 50 ft, shall	25463		
	Part 1			not exceed 55 ft			
POC	BAAQMD	N	5/19/2016	Bladder tank vapor	BAAQMD	С	Monitoring
	Condition		- for 41	space alarm,	Condition #		
	# 25463,		minutes	hydrocarbon	25463		
	Part 2			concentration shall not			
				exceed 3,000 ppm			

# Table VII – Q Applicable Limits and Compliance Monitoring Requirements 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	N	None	Valves leaks ≤ 100 ppm	BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD 8-18-302.1 8-18-302.2	N	None	Inaccessible Valve leak ≤ 100 ppm or minimize in 24 hours, repair in 7 days	BAAQMD 8-18-401.3	P/A	Portable hydrocarbon detector, records

# Table VII – Q Applicable Limits and Compliance Monitoring Requirements 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 8-18-302.3 8-18-306.2 8-18-306.3 8-18-306.4	N	None	Non-repairable valves	BAAQMD 8-18-401.9	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD 8-18-302.3 8-18-306.4	N	None	Mass emission rate = 15 lb/day for non-<br repairable valve with major leak (>/= 10,000 ppm)	BAAQMD 8-18-401.10 8-18-604	P/A	Mass Emission Sampling
POC	BAAQMD Regulation 8-18-303	N	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 8-18-305	Y	None	Inaccessible pressure relief valve leak ≤ 500 ppm	BAAQMD 8-18-401.3	P/A	Method 21 Inspection
POC	BAAQMD Regulation 8-18-306.1	Y	None	Non-repairable be replaced within 5 years or at next scheduled turnaround	BAAQMD 8-18-502.4	P/Q	Report
POC	SIP Regulation 8-18-306.2	Y	None	Number awaiting repair < 0.5% valves, 1% pressure relief valves, 1% pump and compressor	BAAQMD 8-18-502.4	P/Q	Report

# Table VII – Q Applicable Limits and Compliance Monitoring Requirements 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 8-18-306.2	Y	None	Number awaiting repair < 0.3% valves, 0.025% valves with major leaks, 1% pressure relief valves, 1% pump and compressor	BAAQMD 8-18-502.4	P/Q	Report
POC	SIP 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	Ν	
POC	SIP Regulation 8-18-302	Y	None	Valves ≤ 100 ppm	SIP Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	SIP Regulation 8-18-303	Y	None	Connectors ≤ 100 ppm	SIP Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	SIP Regulation 8-18-304	Y	None	Non-repairable values $\leq 05$ %	SIP Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	SIP Regulation 8-25-302	Y	None	,Pump ≤ 500 ppm	SIP Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP Regulation 8-25-303	Y	None	Compressors ≤ 500 ppm	SIP Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records

### Table VII – Q Applicable Limits and Compliance Monitoring Requirements 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	SIP Regulation 8-25-304.1	Y	None	Pumps and compressors repair or replaced within 5 years or at the next scheduled turnaround	SIP Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP Regulation 8-25-304.2	Y	None	Non-repairable pumps and compressors ≤ 1 %	SIP Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP Regulation 8-18-305	Y	None	New replaced pumps and compressor ≤ 500 ppm for 4 consecutive quarters	SIP Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP Regulation 8-25-306	Y	None	Repeat leakers $\leq 2$ times in 12 months	SIP 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