



September 22, 2021

UPS Tracking #: 1Z 1V0 21V 02 9926 4281

TV Tracking #: 328

Director of Compliance and Enforcement Bay Area Air Quality Management District 375 Beale St. Suite 600 San Francisco, CA 94105-2001 Attn: Title V Reports

1. IJ RECEIVED IN 09/27/2021 ENFORCEMENT:

RE: TransMontaigne Operating Company L.P. - Martinez Terminal

Plant #24089/A7034

Semi-Annual Monitoring Report, March 1, 2021 through August 31, 2021

To whom it may concern:

Enclosed is the Semi-Annual monitoring report for the TransMontaigne Operating Company L.P. (TransMontaigne) Martinez Terminal.

Please note that a previously identified non-compliance issue with S-76 (Tank 100-38) permit condition #20060 was resolved by issuance of an amended permit condition on March 29, 2021.

If you have any questions or require additional information, please call me at (303) 626-8209.

Sincerely,

TRANSMONTAIGNE OPERATING COMPANY L.P.

Paul Siler, P.E.

Air Quality Compliance Manager

Enclosure

Cc: Mr. Bobby Ivanov, TransMontaigne

Mr. Ed Luebke, TransMontaigne ESOH File AR.008.MARTINEZ

Table VII - A Applicable Limits and Compliance Monitoring Requirements 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
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

	THE RESERVE OF THE PARTY OF THE		TOTAL STREET,	Subpart IX and I		Street, water material	
	Citation of		Periods		Monitoring	Monitoring	
Type of	Limit	FE	of		Requirement	Frequency	Monitoring
Limit		Y/N	Deviation	Limit	Citation	(P/C/N)	Type
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 ≥ 500 ppm	60.113b(c)		
	(3)(i)				(2)		
POC	Subpart Kb	Y	None	Vapor Recovery	Subpart R	P/A	Source Test
	40 CFR			System ≥ 95% control	40 CFR		
	60.112b(a)				63.425(a)		
	(3)(ii)				(1)		
					63.425(b)		
					63.425(c)		
					Subpart XX		
					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	
	60.116b(c)			pressure		of service	
POC	Subpart Kb	Y	None	Waste Mixture Record	60.116b(f)(1)	P/E	Records
	40 CFR			of liquid stored and	60.116b(f)(2)	upon change	
	60.116b(f)			true vapor pressure		of service	
POC	BAAQMD	Y	None	94.811 tpy for all	BAAQMD	P/A	Records
	Condition			sources	Condition #		
	# 1253,)	1253, part IIID		
	part IB						
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 IID2ii				Section 3		
	& IV.7						

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

13	ot Subject	I TO IN	ors subj	part K and MACI	Subpart K	due to Cap	Dacity
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 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	1.44 pounds/1000	BAAQMD	C/A	Continuous
	Condition			barrels for bubble	Condition #	12	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 - C Applicable Limits and Compliance Monitoring Requirements S-12- FIXED ROOF TANK

Subject 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

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

Type of	Citation of Limit	FE	Periods of	TO K BUT HOT INST S	Monitoring Requirement	Monitoring Frequency	Monitoring
Limit		Y/N	Deviation	Limit	Citation	(P/C/N)	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	Determination of applicability	BAAQMD 8-5-604	P/E	Look-up table or sample analysis
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

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

Subject 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
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 ≤ 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 ≤ 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

			Dub	ject to NSFS Subpart	IXO		
	Citation of		Periods		Monitoring	Monitoring	
Type of	Limit	FE	of		Requirement	Frequency	Monitoring
Limit		Y/N	Deviation	Limit	Citation	(P/C/N)	Type
POC	BAAQMD	Y	None	Well with cover gasket, a	BAAQMD	P/SA	Inspection
	8-5-320.5.2			pole sleeve, pole wiper, and	8-5-401.2,		
				internal float with gap $\leq 1/2$	8-5-404		Certification
				in, or zero gap pole wiper			
				seal			
POC	BAAQMD	Y	None	Gap between well and roof	BAAQMD	P/SA	Inspection
	8-5-320.5.3			≤1.3 cm (1/2 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 ≤ 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 $(1/8 \text{ in}) \le 40\% \text{ of}$			
				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 ½ 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

	11		Sub	ject to NSPS Subpart	IXU		
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

			Sub	ject to NSPS Subpart	t 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 # 1253, part IB	Y	None	94.811tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records

$Table\ VII-F$ Applicable Limits and Compliance Monitoring Requirements $S\text{-}21-Marine\ Vessel\ Wharf}$

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	N	None	POC Emission ≤ 5.7 grams per cubic meter (2 lb/1000 barrel) loaded, or emission controlled ≥ 95% wt.	BAAQMD Condition # 1253, part IV, Section 3b and	C/A	Continuous Temperature monitor and Source Test
POC	SIP BAAQMD 8-44-301.1	Y	None	POC Emission ≤ 5.7 grams per cubic meter (2 lb/1000 barrel) loaded, or	BAAQMD Condition # 1253, part IV, Section 3b and	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	SIP BAAQMD 8-44.301.2	Y	None	Controlled ≥ 95% weight	BAAQMD Condition # 1253, part IV, Section 3b and	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	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	C/A	Continuous Temperature Monitor and Source test

$Table\ VII-F$ Applicable Limits and Compliance Monitoring Requirements $S\text{-}21-Marine\ Vessel\ Wharf}$

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
POC	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 - H Applicable Limits and Compliance Monitoring Requirements 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
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

Table VII - H Applicable Limits and Compliance Monitoring Requirements S-27, AND S-28 - FIXED ROOF TANKS

	Citation of	Jee	Periods	Subpart Ka and	Monitoring	Monitoring	
Type of	Limit	FE	of		Requirement	Frequency	Monitoring
Limit		Y/N	Deviation	Limit	Citation	(P/C/N)	Type
POC	Subpart Ka	Y	None	Controlled ≥ 95%	Subpart Ka	N	None
	40 CFR			_	40 CFR		
	60.112(a)				60.113(a)		
	(a)(3)				(a)(2)		
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 ≥ 500 ppm	60.113b(c)		
	(3)(i)				(2)		
POC	Subpart Kb	Ý	None	Vapor Recovery	Subpart R	P/A	Source Test
	40 CFR			System ≥ 95% control	40 CFR		
	60.112b(a)				63.425(a)		
	(3)(ii)				(1)		
					63.425(b)		
					63.425(c)		
					Subpart XX		
					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	
	60.116b(c)			pressure		of service	
POC	Subpart Kb	Y	None	Waste Mixture Record	60.116b(f)(1)	P/E	Records
	40 CFR			of liquid stored and	60.116b(f)(2)	upon change	
	60.116b(f)			true vapor pressure		of service	
POC	BAAQMD	Y	None	94.811tpy for all	BAAQMD	P/A	Records
	Condition			sources	Condition #		
	# 1253,				1253, part IIID		
	part IB						
POC see	BAAQMD	Y	None	1.44 pounds/1000	BAAQMD	C/A	Continuous
note in	Condition			barrels for bubble	Condition #		Temperature
IV-A	# 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 IID2ii				Section 3		
	& IV.7						

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	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

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	SIP Regulation 9-7-301.2	Y	None	400 ppmv dry, @ 3% O2	BAAQMD Condition # 13720, part 5	P/A	Source test
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	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	N	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 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

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
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
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
PM	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	BAAQMD	N	None	≥ Ringelmann No. 2 for	BAAQMD	С	Visible
Emissions	6-1-303.1			no more than 3	Regulation		Inspection
				minutes/hour	6-1-401		
Visible	SIP	Y	None	≥ Ringelmann 2.0 for no	SIP	С	Visible
Emissions	Regulation			more than 3	Regulation		Inspection
	6-303.1			minutes/hour	6-401		
Visible	BAAQMD	N	None	Prohibition of nuisance	None	N	N/A
Particles	6-1-305						
Visible	SIP	Y	None	Prohibition of nuisance	None	N	N/A
Particles	6-305						

$Table\ VII-J.1$ 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
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
SO_2	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 ₂	BAAQMD Regulation 9-1-302	Y	None	≤300 ppm SO2, dry	None	N	None
SO ₂	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
			5	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

$\label{eq:continuous} Table~VII-J.1$ 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
Hours of	40 CFR	Y	None	< 100 hours/year for	40 CFR	С	Totalizing
operation	63.6640			readiness testing	63.6625(f)		meter
	(f)(1)(ii)						
Hours of	40 CFR	Y	None	< 50 hours/year for non-	40 CFR	С	Totalizing
operation	63.6640			emergency and not	63.6625(f)		meter
	(f)(1)(iii)			readiness testing			

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
Visible	BAAQMD	N	None	≥ Ringelmann No. 2 for	BAAQMD	С	Visible
Emissions	6-1-303.1			no more than 3	Regulation		Inspection
				minutes/hour	6-1-401		
Visible	SIP	Y	None	≥ Ringelmann 2.0 for no	SIP	С	Visible
Emissions	Regulation			more than 3	Regulation		Inspection
	6-303.1			minutes/hour	6-401		
Visible	BAAQMD	N	None	Prohibition of nuisance	None	N	N/A
Particles	6-1-305						
Visible	SIP	Y	None	Prohibition of nuisance	None	N	N/A
Particles	6-305						
FP	BAAQMD	N	None	0.15 gr/dscf	None	N	N/A
	6-1-310						
FP	SIP	Y	None	0.15 gr/dscf	None	N	N/A
	Regulation			-			
	6-310						

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
SO ₂	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 ₂	BAAQMD Regulation 9-1-302	Y	None	≤300 ppm SO2, dry	None	N	None
SO ₂	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
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	N	N/A
Hours of operation	BAAQMD 9-8-330.3	N	None	< 50 hours/year for reliability-related activities	BAAQMD 9-8-530 BAAQMD 9-8-520.1 &	C M	Totalizing meter Records
Hours of operation	CCR, Title 17, Section 93115.6 (a)(3)(A)(1)	N	None	< 50 hours/year for maintenance and testing	9-8-530 CCR, Title 17, Section 93115.10 (e)(1)	С	Totalizing Counter
	(c)				CCR, Title 17, Section 93115.10(g)	М	Records

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
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
PM	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 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
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

Table VII – K Applicable Limits and Compliance Monitoring Requirements 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 8-5-320.3.1	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 ≤ 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

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
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 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

Table VII – K Applicable Limits and Compliance Monitoring Requirements S-76, S-77 AND S-78 - INTERNAL FLOATING ROOF TANKS

			Periods		Monitoring	Monitoring	
Type of	Citation of	FE	of		Requirement	Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation	(P/C/N)	Type
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	
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
				½ 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)			

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Table VII - K **Applicable Limits and Compliance Monitoring Requirements** S-76, S-77 AND S-78 - INTERNAL FLOATING ROOF TANKS

Type of Limit	Citation of	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 ≥ 75 m³, Tank degassing 90% control	BAAQMD 8-5-502	P/E	Source Test
POC	SIP 8-5- 328.1.1	Y	None	Tank $\geq 75 \text{ m}^3$, tank degassing shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None
POC	SIP 8-5- 328.1.2	Y	None	Tank ≥ 75 m³, 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

Applicable Limits and Compliance Monitoring Requirements S-76, S-77 and S-78 - Internal Floating Roof Tanks

Type of	Citation of	FE	Periods of	Subpart Kb and	Monitoring Requirement	Monitoring 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			
POC	(a)(2) Subpart R	Y	None	Primary and	Subpart R 40	P/A	Inspection
FOC	40 CFR	1	None	secondary seal No	CFR 63.425(d)	F/A	from viewports
	63.425(d)			holes, tears or other	40 CFR		Iron viewports
	Subpart Kb			openings; Floating	60.113b(a)		
	40 CFR			Roof on surface; No	(1)		
	60.113b			liquid on floating roof	(1)		
	(a)(2)			inquid on mouting roof			
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	03/1/2021	Gasoline or other	BAAQMD	P/D	Monthly
	Condition		through	hydrocarbon liquids	Condition #		Records
	# 20060,		3/29/2021	throughput ≤ 105	20060, part 6		
	part 1			million gallons for			
	(effective			consecutive 12-			
	3/1/2021			months for S-76, 77			
	through			and 78			
	3/29/2021)						

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

		abjec.	I	Subpart IXD and			
Type of Limit	Citation of	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition # 20060, part 2 (effective 3/1/2021 through 3/29/2021)	Y	None	Gasoline or other hydrocarbon liquids throughput ≤ 4.2 million_gallons/ claendar day for S-76, 77 and 78	BAAQMD # 20060, part 6	P/D	Monthly Records
Benzene	BAAQMD Condition # 20060, part 3 (effective 3/1/2021 through 3/29/2021)	N	None	Benzene concentration ≤1.8 % wt.	BAAQMD Condition # 20060, part 3	P/6 months	Sample Analysis
POC	BAAQMD Condition # 20060, part 1 (effective 3/30/2021 through 8/31/2021)	Y	None	Gasoline throughput ≤ 105 million gallons for consecutive 12- months for S-76, 77 and 78	BAAQMD Condition #20060 part 3	P/D	Monthly Records
POC & Benzene	BAAQMD Condition # 20060, part 2 (effective 3/1/2021 through 3/29/2021)	Y	None	Alternate liquids emissions of POC ≤ 1,332 lbs for consecutive 12- months and benzene ≤ 6.5 lbs for consecutive 12-months for S-76, 77 and 78	BAAQMD Condition #20060 part 3	P/D	Monthly Records

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	Citation of	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
		130 100 100 100 2.4					
Benzene	BAAQMD	N	None	Benzene concentration	BAAQMD	P/6 months	Sample
	Condition			$\leq 1.8 \%$ wt.	Condition #		Analysis
	# 20060,				20060, part 3		
	part 4						
	(effective						
	3/1/2021						
	through						
	3/29/2021)						

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

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

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

		- Jee		Subpart Kb and			
Type of	Citation of	FE	Periods of		Monitoring Requirement	Monitoring Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation		
		-				(P/C/N)	Type
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	0 .:0 .:
				closed position with	8-5-404	8 months	Certification
				cover, seal or lid ≤		interval	
				0.32 cm (1/8 in)			
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 ≤ 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 ≤ 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 ≤ 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 ≥ 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 Applicable Limits and Compliance Monitoring Requirements S-79 AND S-80 - INTERNAL FLOATING ROOF TANKS Subject to NSPS Subpart Kb and MACT Subpart R

		lojec		Subpart Kb and	THE COLUMN THE PROPERTY OF THE PARTY OF THE		
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 ≤ 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 8-5-402.1, 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 Applicable Limits and Compliance Monitoring Requirements S-79 AND S-80 - INTERNAL FLOATING ROOF TANKS Subject to NSPS Subpart Kb and MACT Subpart R

Type of Limit POC	Citation of Limit BAAQMD 8-5-322.2	FE Y/N	Periods of Deviation None	Limit Secondary seal shall allow insertion up to	Monitoring Requirement Citation BAAQMD 8-5-402.1, &	Monitoring Frequency (P/C/N) P/10 yr	Monitoring Type Inspection
				3.8 cm (1 ½ in) in width	8-5-404	and every time a seal is repaired or replaced	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 m³, Tank degassing 90% control	BAAQMD 8-5-502	P/E	Source Test
POC	SIP 8-5- 328.1.1	Y	None	Tank $\geq 75 \text{ m}^3$, tank degassing shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None
POC	SIP 8-5- 328.1.2	Y	None	Tank ≥ 75 m³, Tank degassing 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test

Table VII – L Applicable Limits and Compliance Monitoring Requirements S-79 AND S-80 - INTERNAL FLOATING ROOF TANKS

		9	Periods	Subpart III and	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	
	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		
	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)	9	
	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						

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Period: 1 MAR 2021 Through 31 AUG 2021

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

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

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

Periods Monitoring Monitoring Type of Citation of FE of Requirement Frequency Monitoring Limit Limit Deviation Limit Citation (P/C/N) Y/N Type **BAAQMD** P/E 8-5-117 Look up table 8-5-301 initially and **BAAQMD** or sample TVP Y None True vapor pressure SIP 8-5-501.1 upon change analysis; 8-5-117 Records of service 8-5-301 POC BAAQMD Y Gasket cover ≤ 0.32 None **BAAQMD** P/twice per Inspection 8-320.3.1 cm (1/8 in) gap 8-5-402.3 & year at 4 to 8-5-404 8 months Certification interval

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

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 ≤ 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 $(1/2 \text{ in})$	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
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

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

Type of Limit POC	Citation of Limit BAAQMD	FE Y/N	Periods of Deviation None	Limit Primary seal metallic	Monitoring Requirement Citation BAAQMD	Monitoring Frequency (P/C/N)	Monitoring Type
	8-5-321.2			shoe or liquid mounted type	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 ≤ 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

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

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	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 ≥ 75 m³, Tank degassing 90% control	BAAQMD 8-5-502	P/E	Source Test
POC	SIP 8-5- 328.1.1	Y	None	Tank $\geq 75 \text{ m}^3$, tank degassing shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None
POC	SIP 8-5- 328.1.2	Y	None	Tank ≥ 75 m³, 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

	50	ibject	T 2 - AF 3 48 - 7 - 7 - 8 - 1	Subpart Kb and	Party State		
			Periods		Monitoring	Monitoring	
Type of	Citation of	FE	of		Requirement	Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation	(P/C/N)	Type
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	
	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		
	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)	ie .	
	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 – 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

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 ≤	Condition #		Records
	# 22788,			453.6 million gallons	22788, part 7		
	part 1			for consecutive 12-			
				months for S-81, 82,			
				and 83			
POC	BAAQMD	Y	None	Materials other than	BAAQMD	P/D	Monthly
	Condition			gasoline diesel or jet	# 22788, part		Records
	# 22788,			fuel may be stored if	7		
	part 2			POC emissions ≤			
180				13,591 lb/yr for S-81,			
				82, and 83			
POC	BAAQMD	N	None	Benzene concentration	BAAQMD	P/6 months	Sample
	Condition			≤ 1.4 % wt.	Condition #		Analysis
	# 22788,				22788, part 4		
	part 4						

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

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 ≤ 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
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

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 ≤ 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 8-5-402.1, 8-5-404	P/10 yr and every time a seal is repaired or replaced r	Inspection Certification

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 ≥ 75 m³, 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 ³ , 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 m³, Tank degassing 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test

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 ≤	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 ≤			
				33,178 lb/yr for S-84			
				through 90			
POC	BAAQMD	N	None	Benzene concentration	BAAQMD	P/6 months	Sample
	Condition	23		≤ 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
	9-1-301			consecutive minutes or		APCO	
				0.25 ppm averaged over 60			
				consecutive minutes or			
				0.05 ppm averaged over 24			
				hrs			
SO2	SIP	Y	None	≤300 ppm SO2, dry	None	N	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	N	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 ≤ 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	Citation of Limit	FE	Periods of		Monitoring Requirement	Monitoring Frequency	Monitoring
Limit		Y/N	Deviation	Limit	Citation	(P/C/N)	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	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

$\label{eq:complex} \begin{array}{c} Table\ VII-Q \\ Applicable\ Limits\ and\ Compliance\ Monitoring\ Requirements \\ COMPONENTS \end{array}$

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
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- 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

$\label{eq:complex} \begin{array}{c} Table\ VII-Q \\ Applicable\ Limits\ and\ Compliance\ Monitoring\ Requirements \\ COMPONENTS \end{array}$

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 8-18-305	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
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	N	
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

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 8-18-304	Y	None	Non-repairable valves ≤ 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
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 ≤ 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

Certification

The statements contained in this document are true, accurate, and complete based on information and belief formed after reasonable inquiry.

Ed Luebke

Vice President of Pipeline Operations