



March 22, 2023

UPS Tracking #: 1Z 1V0 21V 02 9928 6678

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

Tracking #: 705

1. D RECEIVED IN 03/27/2023 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, 2022 – February 28, 2023

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 (303) 860-5128.

Sincerely,

TRANSMONTAIGNE OPERATING COMPANY, L.P.

Dirk Wold

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, 2022 – February 28, 2023

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.

24	3-12-23
Signature of Responsible Official	Date Signed
Ed Luebke	Senior V.P. of Operations
Printed Name	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	3	Periods		Monitoring	Monitoring	
Type of	Limit	FE	of		Requirement	Frequency	Monitoring
Limit		Y/N	Deviation	Limit	Citation	(P/C/N)	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 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
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)		
	и			3	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

N	ot Subject	to N	SPS Sub	part K and MAC	Subpart R	que to Cap	pacity
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 #		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

	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	N	None	Tank degassing ≥ 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 ≥ 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 ≥ 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	94.811tpy for all	BAAQMD	P/A	Records
	Condition			sources	Condition #		
	# 1253,				1253, part IIID		
	part IB						

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

Citation of Periods Monitoring **Monitoring** Limit Type of FE of Requirement Frequency Monitoring Limit Y/N Deviation Limit Citation (P/C/N) Type **BAAQMD** Look up P/E 8-5-117 table or initially and 8-5-301 **BAAQMD** sample **TVP** Y None True vapor pressure SIP 8-5-501.1 upon change analysis; 8-5-117 of service Records 8-5-301 Method 21 **BAAQMD** EFR leaking pontoons gas **BAAQMD** P/Q until portable **POC** N None 8-5-304.6.1 8-5-412 repaired hydrocarbon tight requirements detector POC Y P/SA **BAAQMD** None Gasketed cover, seal or lid **BAAQMD** Inspection 8-5-320.3.1 with gap ≤ 0.32 cm (1/8 in) 8-5-401.2, 8-5-404 Certification Y P/SA POC **BAAQMD** None Well with cover, seal or lid **BAAQMD** Inspection 8-5-320.4.2 with gap ≤ 0.32 cm (1/8 in) 8-5-401.2, 8-5-404 Certification POC **BAAQMD** Y None Gap between well and roof **BAAQMD** P/SA Inspection 8-5-320.4.3 less than 1.3 cm (1/2 in) 8-5-401.2, 8-5-404 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

	11		Jul	ject to 1951 5 Subpar	II.		
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 internal float with gap $\leq 1/2$ in, or zero gap pole wiper seal	BAAQMD 8-5-401.2, 8-5-404	P/SA	Inspection Certification
POC	BAAQMD 8-5-320.5.3	Y	None	Gap between well and roof ≤1.3 cm (1/2 in)	BAAQMD 8-5-401.2, 8-5-404	P/SA	Inspection Certification
POC	BAAQMD 8-5-321.3	Y	None	Primary seal metallic shoe extends a minimum 61 cm (24 in) above liquid surface	BAAQMD 8-5-401.1, 8-5-404	P/SA r	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y	None	Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401.1, 8-5-404	P/SA	Inspection Certification
POC	BAAQMD 8-5-321.3.2	Y	None	Gap between tank shell and the primary seal ≤ 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm ((1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) ≤ 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) ≤ 40% of circumference	BAAQMD 8-5-401.1, 8-5-404	P/SA	Inspection Certification
POC	BAAQMD 8-5-322.2	Y	None	Secondary seal shall allow easy insertion of probes up to 3.8 cm (1 ½ in) in width	BAAQMD 8-5-401.1, 8-5-404	P/SA	Inspection Certification
POC	BAAQMD 8-5-322.3	Y	None	Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-401.1, 8-5-404	P/10 yr P/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

LA PARTE DE LA			CONTRACTOR CONTRACTOR	ject to NSPS Subpart			
Type of Limit	Citation of Limit	FE Y/N	Periods of	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring
	D 1 1 0 1 / D	2000 (100 000 000 000 000 000 000 000 000	Deviation				Type
POC	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	Y	None	94.811tpy for all sources	BAAQMD	P/A	Records
	Condition # 1253, part IB		4		Condition # 1253, part IIID		

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

Type of	Citation of Limit	FE	Periods of		Monitoring Requirement	Monitoring Frequency	Monitoring
Limit		Y/N	Deviation	Limit	Citation	(P/C/N)	Type
POC	BAAQMD	N	None	POC Emission ≤ 5.7	BAAQMD	C/A	Continuous
	8-44-304			grams per cubic meter	Condition #		Temperature
				(2 lb/1000 barrel)	1253, part IV,		monitor and
				loaded, or emission	Section 3b and		Source Test
				controlled \geq 95% wt.	11		
POC	SIP	Y	None	POC Emission ≤ 5.7	BAAQMD	C/A	Continuous
	BAAQMD			grams per cubic meter	Condition #		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 $S\text{-}21-Marine\ Vessel\ Wharf}$

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	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 11	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

$\begin{tabular}{ll} Table\ VII\ -\ G \\ Applicable\ Limits\ and\ Compliance\ Monitoring\ Requirements \\ S-30-Oily\ Water\ Separator \\ \end{tabular}$

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

	Citation of	10jec	Periods	Subpart Ka anu	Monitoring	Monitoring	
Type of	Limit	FE	of		Requirement	Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation	(P/C/N)	
Limit	BAAQMD	1/11	Deviation	Limit	Citation	(FICIN)	Type
	8-5-117					P/E	Look up table
	8-5-301				BAAQMD	initially and	or sample
TVP	SIP	Y	None	True vapor pressure	8-5-501.1	upon change	analysis;
	8-5-117					of service	Records
	8-5-301					0.00.100	
POC	BAAQMD	Y	None	PV valve set pressure	BAAQMD	P/SA	Inspection
	8-5-303.1			within 10% of	8-5-403		
				working pressure or at			
				least 0.5 psig			
POC	BAAQMD	Y	None	gas tight (< 500 ppm)	BAAQMD	P/SA	Inspection
	8-5-303.2			except when operating	8-5-403		
				pressure exceeds the			
				valve set pressure			
POC	BAAQMD	Y	None	Controlled \geq 95%	BAAQMD 8-	C	Continuous
	8-5-306			weight and gas tight	5-403	P/A	Temperature
				(<500 ppm)	BAAQMD		Monitor and
					Condition #		Source Test
					1253, part IV,		
					Section 3b		
POC	BAAQMD	N	None	Tank degassing ≥ 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 ≥ 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 Ka	Y	None	Controlled $\geq 95\%$	Subpart Ka	N	None
	40 CFR				40 CFR		
	60.112(a)				60.113(a)		
	(a)(3)				(a)(2)		

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

	Citation of	3	Periods	Subpart Ka anu	Monitoring	Monitoring	
Type of	Limit	FE	of		Requirement	Frequency	Monitoring
Limit		Y/N	Deviation	Limit	Citation	(P/C/N)	Туре
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	94.811tpy 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	5	
	& 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
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	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
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
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						
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.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
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
.,				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.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 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
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

$\label{eq:continuous} Table~VII-J.2$ 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	N	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
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

			Periods		Monitoring	Monitoring	
Type of	Citation of	FE	of		Requirement	Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation	(P/C/N)	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 ≤ 0.32	BAAQMD	P/twice per	Inspection
	8-5-320.3.1			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
	8-5-320.3.2			no visible gap	8-5-402.3 &	year at 4 to	
					8-5-404	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		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	1
				cm (1/2 in)			

Table VII - K

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

Name a surface of the second		abjec.		Subpart Ko anu	I 15 - X - X - X - X - X - X - X - X - X -		Education and Appendix
			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	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	
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 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

			Periods	mina (a. 1800) — Alexad Phiasallanda	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	ALDER A SOUTH A THE A SOUTH A THE A	•
	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		10	
				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)			

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	Periods of		Monitoring Requirement	Monitoring Frequency	Monitoring
POC	Limit BAAQMD 8-5-328.1	Y/N Y	None	Limit 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 measurements 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 ≥ 75 m³, tank degassing shall have liquid balancing with ≤ 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
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

		1.5 Jee	Periods	Subpart Kb 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	Primary and	Subpart R 40	PP/E	Inspection
	40 CFR			secondary seal No	CFR 63.425(d)	(emptied	1
	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 ≤ 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	7	Records
	# 20060,			throughput ≤ 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	N	None	Benzene concentration	BAAQMD	P/6 months	Sample
	Condition			\leq 1.8 % wt.	Condition #		Analysis
	# 20060,				20060, part 3		
	part 3						

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

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
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 8-5-403 &	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 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	Inspection Certification
POC	BAAQMD 8-320.3.2	Y	None	Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.2	Y	None	Solid sampling or gauging wells in closed position with cover, seal or lid ≤ 0.32 cm (1/8 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification

Table VII - L

Applicable Limits and Compliance Monitoring Requirements S-79 and S-80 - Internal Floating Roof Tanks

			Periods	Subpart Ixo and	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	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
		11		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

		3	movement a port per an a	Subpart 125 and		M	Terenes, or a floring of the gift
	G		Periods		Monitoring	Monitoring	36
Type of	Citation of	FE	of		Requirement	Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation	(P/C/N)	Type
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	
				0		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 ≤ 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	241	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			
POC	BAAQMD	Y	None	No holes, tears, or	BAAQMD	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	

Table VII - L

Applicable Limits and Compliance Monitoring Requirements S-79 and S-80 - Internal Floating Roof Tanks

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-322.2	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 m³, Tank degassing 90% control	BAAQMD 8-5-502	P/E	Source Test
POC	SIP 8-5- 328.1.1	Y	None	Tank ≥ 75 m³, tank degassing shall have liquid balancing with ≤ 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

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

Limit Limit V/N Deviation Limit Citation (P/C/N) Type		51	Djec	i to Mark	Subpart Kb and	White I bub	Jan C IX	
POC Subpart R Y None IFR deck fitting closure standards CFR 63.425(d) filling tank, and at least every 10 yr	Type of Limit			of	Limit	Requirement	Frequency	
63,423(a) Subpart Kb 40 CFR 60.113b(a)(1) 60.113b(a)(4) 60.113b(a) 60.113b(Subpart R			IFR deck fitting	Subpart R 40	Prior to	Visual
40 CFR					closure standards			mspection
FOC Subpart R Y None Primary and secondary seal No holes, tears or other openings Go.113b (a)(1)		_			16	, , , ,		
POC Subpart R Y None Primary and secondary seal No holes, tears or other Subpart Kb A0 CFR 63.425(d) 63.425(d) 63.425(d) 60.113b (a)(1) 63.425(d) 63.425(d) 63.425(d) 60.113b (a)(1) 63.425(d) 63.425(d) 63.425(d) 63.425(d) 63.425(d) 63.425(d) 63.425(d) 63.425(d) 63.425(d) 60.113b (a)(2) POC Subpart R Y None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) Postpart Kb A0 CFR 63.425(d) 60.113b 63.425(d) 60.113b 63.425(d) 60.113b 63.425(d) 60.113b 63.425(d) 60.113b 60						60.113b(a)(4)		ji.
POC Subpart R Y None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) POC Subpart R b (a)(1) POC Subpart R b (a)(2)								
63.425(d) Subpart Kb 40 CFR 60.113b (a)(1)	POC		Y	None	Primary and	Subpart R 40		Visual
Subpart Kb 40 CFR 60.113b (a)(1)		40 CFR			secondary seal No	CFR 63.425(d)	filling tank	inspection
A0 CFR		63.425(d)			holes, tears or other	40 CFR		
POC Subpart R Y None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) POC Subpart R Y None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) POC Subpart R Y None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) POC Subpart R Y None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) POC Subpart R Y None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) POC Subpart Kb Pock Roof on surface; No holes, tears or other openings; Floating (a)(2) POC Subpart Kb Pock Record of liquid on floating roof (a)(2) POC Subpart Kb Y None Record of liquid stored and true vapor pressure (b) Pock Poc		Subpart Kb			openings	60.113b(a)		
POC Subpart R Y None Primary and secondary seal No (CFR 63.425(d) P/E (emptied openings; Floating (a)(2) POC Subpart Kb A0 CFR 63.425(d) P/A (A) CFR (63.425(d) A0 (A)(2) POC Subpart Kb A0 CFR (60.113b (a)(2) POC Subpart Kb A0 CFR (60.113b (a)(2) POC Subpart Kb A0 CFR (60.113b (a)(2) POC Subpart Kb A0 CFR (60.116b (a)(2) POC Subpart Kb A0 C		40 CFR				(1)		
POC Subpart R Y None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) POC Subpart R Y None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) POC Subpart R Y None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) POC Subpart R Y None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) POC Subpart R W None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) POC Subpart Kb W None Record of liquid (a)(2) POC Subpart Kb W None Record of liquid stored and true vapor pressure (c) POC BAAQMD Y None P4.811tpy for all sources POC BAAQMD Y None Primary and Subpart R 40 CFR 63.425(d) FPA Inspection from viewport (a) P/A Inspection from viewport (a) POC BAAQMD P/A Records POC BAAQMD P/A Records Condition P/B BAAQMD P/A Records		60.113b						
A0 CFR Secondary seal No holes, tears or other openings; Floating A0 CFR G3.425(d) P/E (emptied and degassed)		(a)(1)	-					
63.425(d) Subpart Kb Openings; Floating Roof on surface; No Iiquid on floating roof Gasters or other A0 CFR Go.113b Gasters or other Go.113b(a) A0 CFR Go.113b Gasters or other	POC	Subpart R	Y	None	Primary and			Inspection
Subpart Kb 40 CFR 60.113b (a)(2) POC Subpart R 40 CFR 63.425(d) Subpart Kb 40 CFR Subpart Kb 40 CFR Subpart Kb 40 CFR 63.425(d) FOC Subpart Kb 40 CFR Focial Roof on surface; No 1 iquid on floating roof 2 iquid on floating roof 3 iquid on floating roof 4 i		40 CFR			secondary seal No		P/E	
A0 CFR Roof on surface; No (4) degassed		63.425(d)			holes, tears or other	40 CFR	(emptied	
POC Subpart R Y None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) POC Subpart R Y None Primary and secondary seal No holes, tears or other openings; Floating (a)(2) POC Subpart Kb Y None Record of liquid stored and true vapor (a). 116b (c) POC BAAQMD Y None 94.811tpy for all Sources Condition # Iiquid on floating roof liquid sources BAAQMD P/A Records		Subpart Kb				60.113b(a)	and	
POC Subpart R Y None Primary and Subpart R 40 P/A Inspection from viewport 63.425(d) holes, tears or other Subpart Kb A0 CFR Poc None Record of liquid on floating roof (a)(2) POC Subpart Kb Y None Record of liquid stored and true vapor 60.116b (c) Poc None Record of Subpart Kb Stored and true vapor pressure (c) POC BAAQMD Y None 94.811tpy for all SAAQMD P/A Records Condition # Subpart R 40 P/A Inspection from viewport A0 CFR (a)(2) P/A Records		40 CFR			Roof on surface; No	(4)	degassed)	
POC Subpart R Y None Primary and secondary seal No (CFR 63.425(d)) from viewport fr		60.113b			liquid on floating roof			
40 CFR 63.425(d) Subpart Kb 40 CFR Openings; Floating A0 CFR 60.113b A0 CFR A0		(a)(2)						
63.425(d) holes, tears or other 40 CFR Subpart Kb openings; Floating Roof on surface; No (1)	POC		Y	None			P/A	
Subpart Kb 40 CFR Roof on surface; No liquid on floating roof (a)(2) POC Subpart Kb Y None Record of liquid stored and true vapor 60.116b(c) upon change of service (c) POC BAAQMD Y None 94.811tpy for all SAAQMD P/A Records Condition Sources Condition Condition								from viewport
A0 CFR 60.113b (a)(2) POC Subpart Kb 40 CFR 40 CFR 60.116b (c) POC BAAQMD CONdition Record on surface; No liquid on floating roof Record of liquid stored and true vapor pressure POC BAAQMD Y None POC BAAQMD Y None POC Subpart Kb Y None POC BAAQMD Y None POC Record of liquid stored and true vapor pressure FOC BAAQMD FOC Condition Records Condition Records Condition Records Condition Records Condition								
POC Subpart Kb Y None Record of liquid 40 CFR P/E upon change of service (c) POC BAAQMD Y None 94.811tpy for all Condition Co								
POC Subpart Kb Y None Record of liquid stored and true vapor of Service (c) POC BAAQMD Y None 94.811tpy for all Condition Con						(1)		
POC Subpart Kb Y None Record of liquid 40 CFR P/E Records 40 CFR 60.116b For pressure of service (c) POC BAAQMD Y None 94.811tpy for all Sources Condition For Source Condition					liquid on floating roof			
40 CFR 60.116b c) POC BAAQMD Y None 94.811tpy for all Sources Condition # 80.116b(c) upon change of service of service						10.000	D/C	D .
60.116b pressure of service (c) POC BAAQMD Y None 94.811tpy for all BAAQMD P/A Records Condition Sources Condition#	POC		Y	None				Records
(c) POC BAAQMD Y None 94.811tpy for all BAAQMD P/A Records Condition Sources Condition #						60.116b(c)		
POC BAAQMD Y None 94.811tpy for all BAAQMD P/A Records Condition Sources Condition#					pressure		OI SCIVICE	
Condition sources Condition #	POC		Y	None	94.811tpv for all	BAAOMD	P/A	Records
	100			1.5110				
1200, partitio		# 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 Periods **Monitoring** Monitoring FE Type of Citation of of Requirement Frequency **Monitoring** Limit Limit Y/N Deviation Limit Citation (P/C/N) Type POC **BAAQMD** None Material throughput ≤ **BAAQMD** P/D Monthly 403.2 million gallons Condition # Records Condition # 21829, for consecutive 12-21829, part 7 months for S-79 and part 1 80 POC Y Materials other than P/D Monthly **BAAQMD** None **BAAQMD** Condition gasoline diesel or jet # 21829, part Records # 21829, fuel may be stored if part 2 POC emissionst ≤ 8,558 lb/yr for S-79 and 80 Benzene concentration POC **BAAQMD** N None **BAAQMD** P/6 months Sample Condition # Condition $\leq 1.4 \%$ wt. Analysis 21829, part 4 # 21829, part 4

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	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 – 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	Citation of	FE	Periods of		Monitoring Requirement	Monitoring Frequency	Monitoring
Limit	Limit	Y/N	Deviation	Limit	Citation	(P/C/N)	Туре
POC	BAAQMD	Y	None	Inaccessible opening	BAAQMD	P/twice per	Inspection
	8-320.3.2			no visible gap	8-5-402.3 &	year at 4 to	
					8-5-404	8 months	Certification
						interval	
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 ≤		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	1000		other openings in the	8-5-402.2 &	year at 4 to	F
				primary seal fabric	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

	St	injec		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 8-5-321.2	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	Inspection Certification

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

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-322.1	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 ≥ 75 m³, tank degassing shall have liquid balancing with ≤ 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

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	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 - 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	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	Non-exempt organic	BAAQMD	P/D	Monthly
	Condition			liquids throughput \leq	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 \leq			
				13,591 lb/yr for S-81,			
				82, and 83			
POC	BAAQMD	N	None	Benzene concentration	BAAQMD	P/6 months	Sample
	Condition			\leq 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	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) \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

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 ≥ 75 m³, tank degtassing shall have liquid balancing with ≤ 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	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

Type of Limit	Citation of	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 ≤			
				33,178 lb/yr for S-84			
				through 90			
POC	BAAQMD	N	None	Benzene concentration	BAAQMD	P/6 months	Sample
	Condition			≤ 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 Regulation 9-1-301	Y	None	GLC > 0.5 ppm continuously for 3 consecutive minutes or 0.25 ppm averaged over 60 consecutive minutes or 0.05 ppm averaged over 24 hrs	BAAQMD 9-1-501	P/ As required by APCO	Area Monitoring
SO2	SIP BAAQMD Regulation 9-1-302	Y	None	≤300 ppm SO2, dry	None	N	None

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 Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
FP	BAAQMD Condition # 1253, part IB	Y	None	25.8 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
Ambient H2S	BAAQMD 9-2-301	Y	None	Ground level concentrations of 0.06 ppm for 3 min or 0.03 ppm for 60 min	BAAQMD 9-2-501 9-2-602	P/ As required by APCO	Area Monitoring

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
СО	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	None	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	None	Bladder tank vapor	BAAQMD	С	Monitoring
	Condition			space alarm,	Condition #		
	# 25463,			hydrocarbon	25463		
	Part 2			concentration shall not			
				exceed 3,000 ppm			

$\begin{tabular}{ll} Table\ VII-Q\\ Applicable\ Limits\ and\ Compliance\ Monitoring\ Requirements\\ COMPONENTS \end{tabular}$

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	Y	None	Equipment leaks ≤	BAAQMD	P/Q	Portable
	Regulation			100 ppm, except for	Regulation		hydrocarbon
	8-18-301			valves, pumps,	8-18-401		detector,
				compressors,			records
				connections and			
				pressure relief devices			
POC	BAAQMD	N	None	Valves leaks ≤ 100	BAAQMD	P/Q	Portable
	Regulation			ppm	Regulation		hydrocarbon
	8-18-302				8-18-401		detector,
							records
POC	BAAQMD	N	None	Inaccessible Valve	BAAQMD	P/A	Portable
	8-18-302.1			leak	8-18-401.3		hydrocarbon
	8-18-302.2			≤ 100 ppm or			detector,
				minimize in 24 hours,			records
				repair in 7 days			

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

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 8-18-302.3 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
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	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
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

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

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