



TRANSMONTAIGNE

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BAY AREA AIR QUALITY
MANAGEMENT DISTRICT

September 22, 2021

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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

TV Tracking #: 328

1. RECEIVED IN ENFORCEMENT: 09/27/2021

**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
Subject to NSPS Subpart K and MACT Subpart R

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
TVP	BAAQMD 8-5-117 8-5-301 SIP 8-5-117 8-5-301	Y	None	True vapor pressure	BAAQMD 8-5-501.1	P/E initially and upon change of service	Look up table or sample analysis; Records
POC	BAAQMD 8-5-303.1	Y	None	PV valve set pressure within 10% of working pressure or at least 0.5 psig	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-303.2	Y	None	gas tight (< 500 ppm) except when operating pressure exceeds the valve set pressure	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-306	Y	None	Controlled \geq 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 \geq 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 \geq 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

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

Table VII - B
Applicable Limits and Compliance Monitoring Requirements
S-11, S-18 AND S-19 - FIXED ROOF TANKS
Not Subject to NSPS Subpart K and MACT Subpart R due to Capacity

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
TVP	BAAQMD 8-5-117 8-5-301 SIP 8-5-117 8-5-301	Y	None	True vapor pressure	BAAQMD 8-5-501.1	P/E initially and upon change of service	Look up table or sample analysis; Records
POC	BAAQMD 8-5-303.1	Y	None	PV valve set pressure within 10% of working pressure or at least 0.5 psig	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-303.2	Y	None	gas tight (< 500 ppm) except when operating pressure exceeds the valve set pressure	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-306	Y	None	Controlled \geq 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 \geq 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 \geq 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 Condition # 1253, part IIID	Y	None	1.44 pounds/1000 barrels for bubble compliance determination	BAAQMD Condition # 1253, part IV, Section 3	C/A	Continuous Temperature monitor and Source Test
Temperature limit	BAAQMD Condition # 1253, part IID	Y	None	1400° F. in outlet or as determined by source test	BAAQMD Condition # 1253, part IV Section 3	C	Temperature monitoring

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 \geq 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

TransMontaigne Operating Company L.P. – Martinez Terminal – Facility #A7034
Semi-Annual Monitoring Report
Period: 1 MAR 2021 Through 31 AUG 2021

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 8-5-328.1	N	None	Tank degassing \geq 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 \geq 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 \geq 500 ppm	Subpart Kb 40 CFR 60.113b(c) (2)	C	Comply with operating plan
POC	Subpart Kb 40 CFR 60.112b(a) (3)(ii)	Y	None	Vapor Recovery System \geq 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	94.81 tpy 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 Condition # 1253, part IIID	Y	None	1.44 pounds/1000 barrels for bubble compliance determination	BAAQMD Condition # 1253, part IV, Section 3	C/A	Continuous Temperature monitor and Source Test
Temperature limit	BAAQMD Condition # 1253, part IID	Y	None	1400° F. in outlet or as determined by source test	BAAQMD Condition # 1253, part IV Section 3	C	Temperature monitoring

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

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

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

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-320.5.2	Y	None	Well with cover gasket, a pole sleeve, pole wiper, and 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 \leq 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 \leq 3.8 cm (1 1/2 in). No continuous gap $>$ 0.32 cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) \leq 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) \leq 40% of circumference	BAAQMD 8-5-401.1, 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 1/2 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

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 \geq 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 \geq 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 measurement	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-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 \leq 5.7 grams per cubic meter (2 lb/1000 barrel) loaded, or emission controlled \geq 95% wt.	BAAQMD Condition # 1253, part IV, Section 3b and 11	C/A	Continuous Temperature monitor and Source Test
POC	SIP BAAQMD 8-44-301.1	Y	None	POC Emission \leq 5.7 grams per cubic meter (2 lb/1000 barrel) loaded, or	BAAQMD Condition # 1253, part IV, Section 3b and 11	C/A	Continuous Temperature monitor and Source Test

Table VII – F
Applicable Limits and Compliance Monitoring Requirements
S-21 – MARINE VESSEL WHARF

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	SIP BAAQMD 8-44.301.2	Y	None	Controlled \geq 95% weight	BAAQMD Condition # 1253, part IV, Section 3b and 11	C/A	Continuous Temperature monitor and Source Test
POC	Subpart Y 40 CFR 63.562(c) (2)(iii)	Y	None	Vapor tight	40 CFR 63.563(a)(4)	P/A	Leak test
POC	Subpart Y 40 CFR 63.562(c) (3)	Y	None	RACT existing source, controlled \geq 98% weight by combustion device	40 CFR 63.563(b)(6)(i) (A), 63.564(a)(3)	C/A	Continuous Temperature monitor and Source Test
POC	Subpart Y 40 CFR 63.562(c) (4)	Y	None	VOC \leq 1000 ppmv	40 CFR 63.564(g)(1), BAAQMD Condition # 1253, part IV, Section 3b and 11	C/A	Continuous Temperature monitor and Source Test
POC	BAAQMD Condition # 1253, part IB	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID, Schedule D	P/A	Calculations and Records
POC	BAAQMD Condition # 1253 part IV, section 2	Y	None	95% controlled efficiency or 2 lb/ 1000 barrels of gasoline loaded	BAAQMD Condition # 1253, part IV, Section 3b and 11	C/A	Continuous Temperature Monitor and Source test

Table VII – F
Applicable Limits and Compliance Monitoring Requirements
S-21 – MARINE VESSEL WHARF

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition # 1253 part IV, section 7	Y	None	Minimum operating incinerator temperature of \geq 1400°F. unless modified by the District, based on source test results	BAAQMD Condition # 1253, part IV, Section 3b	C	Continuous temperature monitor
POC	BAAQMD Condition # 1253 part IV, section 9	Y	None	Loading pressure shall not exceed 80% of the lowest relief valve set pressure	None	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
Temperature 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	C	Temperature monitoring

TransMontaigne Operating Company L.P. – Martinez Terminal – Facility #A7034
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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	C	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
Subject to NSPS Subpart Ka and MACT Subpart R

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
TVP	BAAQMD 8-5-117 8-5-301 SIP 8-5-117 8-5-301	Y	None	True vapor pressure	BAAQMD 8-5-501.1	P/E initially and upon change of service	Look up table or sample analysis; Records
POC	BAAQMD 8-5-303.1	Y	None	PV valve set pressure within 10% of working pressure or at least 0.5 psig	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-303.2	Y	None	gas tight (< 500 ppm) except when operating pressure exceeds the valve set pressure	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-306	Y	None	Controlled $\geq 95\%$ 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 $\geq 90\%$ 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 $\geq 90\%$ 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

TransMontaigne Operating Company L.P. – Martinez Terminal – Facility #A7034
Semi-Annual Monitoring Report
Period: 1 MAR 2021 Through 31 AUG 2021

Table VII - H
Applicable Limits and Compliance Monitoring Requirements
S-27, AND S-28 - FIXED ROOF TANKS
Subject to NSPS Subpart Ka and MACT Subpart R

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	Subpart Ka 40 CFR 60.112(a) (a)(3)	Y	None	Controlled \geq 95%	Subpart Ka 40 CFR 60.113(a) (a)(2)	N	None
POC	Subpart Kb 40 CFR 60.112b(a) (3)(i)	Y	None	Vapor Recovery System no detectable emissions \geq 500 ppm	Subpart Kb 40 CFR 60.113b(c) (2)	C	Comply with operating plan
POC	Subpart Kb 40 CFR 60.112b(a) (3)(ii)	Y	None	Vapor Recovery System \geq 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	94.81 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC see note in IV-A	BAAQMD Condition # 1253, part IIID	Y	None	1.44 pounds/1000 barrels for bubble compliance determination	BAAQMD Condition # 1253, part IV, Section 3	C/A	Continuous Temperature monitor and Source Test
Temperature limit	BAAQMD Condition # 1253, part IID2ii & IV.7	Y	None	1400° F. in outlet or as determined by source test	BAAQMD Condition # 1253, part IV Section 3	C	Temperature monitoring

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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 I	Y	None	Natural gas \leq 90 M SCF/12 months	BAAQMD Condition # 13720, part 6	C	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	\leq 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 IID	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 IID	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
CO	SIP Regulation 9-7-301.2	Y	None	400 ppmv dry, @ 3% O2	BAAQMD Condition # 13720, part 5	P/A	Source test
CO	BAAQMD Condition # 1253, part IB	Y	None	52.2 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
CO	BAAQMD Condition # 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	94.811 tpy 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 Emissions	BAAQMD 6-1-303.1	N	None	≥ Ringelmann No. 2 for no more than 3 minutes/hour	BAAQMD Regulation 6-1-401	C	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	C	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

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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 SO ₂ , 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 activities	BAAQMD 9-8-530	C	Totalizing meter
					BAAQMD 9-8-520.1 & 9-8-530	M	Records
Hours of operation	CCR, Title 17, Section 93115.6 (a)(3)(A)(I) (c)	N	None	< 50 hours/year for maintenance and testing	CCR, Title 17, Section 93115.10 (e)(1)	C	Totalizing Counter
					CCR, Title 17, Section 93115.10(g)	M	Records
Hours of operation	BAAQMD Condition # 19308, Part 2	Y	None	50 hours per year	BAAQMD Condition # 19308, Parts 3& 4	C	Totalizing meter

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 operation	40 CFR 63.6640 (f)(1)(ii)	Y	None	< 100 hours/year for readiness testing	40 CFR 63.6625(f)	C	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)	C	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	C	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	C	Visible Inspection
Visible Particles	BAAQMD 6-1-305	N	None	Prohibition of nuisance	None	N	N/A
Visible Particles	SIP 6-305	Y	None	Prohibition of nuisance	None	N	N/A
FP	BAAQMD 6-1-310	N	None	0.15 gr/dscf	None	N	N/A
FP	SIP Regulation 6-310	Y	None	0.15 gr/dscf	None	N	N/A

Table VII – J.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 SO ₂ , dry	None	N	None
SO ₂	BAAQMD Regulation 9-1-304	Y	None	Fuel Sulfur Limit 0.5%	None	P/M	Vendor Certification
SO ₂	40 CFR 60.4207(a)	Y	None	Use diesel fuel that meets 500 ppm sulfur content per 40 CFR 80.510(a) requirements	None	N	N/A
SO ₂	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	C	Totalizing meter
					BAAQMD 9-8-520.1 & 9-8-530	M	Records
Hours of operation	CCR, Title 17, Section 93115.6 (a)(3)(A)(1)(c)	N	None	< 50 hours/year for maintenance and testing	CCR, Title 17, Section 93115.10 (e)(1)	C	Totalizing Counter
					CCR, Title 17, Section 93115.10(g)	M	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 I	Y	None	50 hours per year	BAAQMD Condition # 22805, Parts 3& 4	C	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)	C	Totalizing meter
NMHC + NOx	40 CFR 60.4205(c)	Y	None	3.0 g/bhp-hr	40 CFR 60.4211(a)	C	Operate and maintain per mfg instructions
CO	40 CFR 60.4205(c)	Y	None	2.6 g/bhp-hr	40 CFR 60.4211(a)	C	Operate and maintain per mfg instructions
PM	40 CFR 60.4205(c)	Y	None	0.15 g/bhp-hr	40 CFR 60.4211(a)	C	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
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 8-5-303.1	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 \leq 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.3.2	Y	None	Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.2	Y	None	Solid sampling or gauging wells in closed position with cover, seal or lid \leq 0.32 cm (1/8 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.3	Y	None	Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.2	Y	None	Slotted sampling or gauging wells in closed position with cover, seal or lid \leq 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.3	Y	None	Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification

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 \geq 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.1	Y	None	No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.2	Y	None	Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 & 8-5-404	P/10 yr 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
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 8-5-321.3.2	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	BAAQM 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 easy insertion of probes 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

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 8-5-328.1	Y	None	Tanks > 75 m ³ 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 m ³ , Tank degassing 90% control	BAAQMD 8-5-502	P/E	Source Test
POC	SIP 8-5-328.1.1	Y	None	Tank ≥ 75 m ³ , tank degassing shall have liquid balancing with ≤ 0.5 psia	None	N	None
POC	SIP 8-5-328.1.2	Y	None	Tank ≥ 75 m ³ , 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
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 63.425(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) (4)	PP/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	94.81 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 20060, part I (effective 3/1/2021 through 3/29/2021)	Y	03/1/2021 through 3/29/2021	Gasoline or other hydrocarbon liquids throughput \leq 105 million gallons for consecutive 12-months for S-76, 77 and 78	BAAQMD Condition # 20060, part 6	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 Limit	Citation of Limit	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 \leq 4.2 million gallons/ calendar 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 \leq 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 \leq 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 \leq 1,332 lbs for consecutive 12-months and benzene \leq 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 Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Benzene	BAAQMD Condition # 20060, part 4 (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

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

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 8-5-320.4.2	Y	None	Solid sampling or gauging wells in closed position with cover, seal or lid \leq 0.32 cm (1/8 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.3	Y	None	Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.2	Y	None	Slotted sampling or gauging wells in closed position with cover, seal or lid \leq 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.3	Y	None	Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.6	Y	None	Emergency roof drain with slotted membrane fabric cover \geq 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.1	Y	None	No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.2	Y	None	Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 & 8-5-404	P/10 yr and every time a seal is repaired or replaced	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	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-321.3	Y	None	Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal floating roof tank above liquid surface	BAAQMD 8-5-402.1, 8-5-404	P/10 yr and every time a seal is repaired or replaced	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y	None	Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-402.1, 8-5-404	P/10 yr and every time a seal is repaired or replaced	Inspection Certification
POC	BAAQMD 8-5-321.3.2	Y	None	For welded tanks, gap between tank shell and the primary seal \leq 3.8 cm (1 1/2 in). No continuous gap $>$ 0.32 cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) \leq 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) \leq 40% of circumference	BAAQMD 8-5-402.1, 8-5-404	P/10 yr and every time a seal is repaired or replaced	Inspection Certification
POC	BAAQMD 8-5-322.1	Y	None	No holes, tears, or other openings in secondary seal	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification

Table VII – L
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 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 m ³ 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 m ³ , Tank degassing 90% control	BAAQMD 8-5-502	P/E	Source Test
POC	SIP 8-5-328.1.1	Y	None	Tank ≥ 75 m ³ , tank degassing shall have liquid balancing with ≤ 0.5 psia	None	N	None
POC	SIP 8-5-328.1.2	Y	None	Tank ≥ 75 m ³ , 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

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	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) (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	94.811tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records

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 \leq 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 emissions \leq 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 \leq 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

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 \leq 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification

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 \leq 0.32 cm (1/8 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.3	Y	None	Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.2	Y	None	Slotted sampling or gauging wells in closed position with cover, seal or lid \leq 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.3	Y	None	Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.6	Y	None	Emergency roof drain with slotted membrane fabric cover \geq 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.1	Y	None	No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification

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 8-5-321.2	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	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	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 measurements at 15 minute intervals	Method 21 portable hydrocarbon detector
POC	BAAQMD 8-5-328.1	Y	None	Tank ≥ 75 m ³ , Tank degassing 90% control	BAAQMD 8-5-502	P/E	Source Test
POC	SIP 8-5-328.1.1	Y	None	Tank ≥ 75 m ³ , tank degassing shall have liquid balancing with ≤ 0.5 psia	None	N	None
POC	SIP 8-5-328.1.2	Y	None	Tank ≥ 75 m ³ , 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 Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition # 22788, part 1	Y	None	Non-exempt organic liquids throughput \leq 453.6 million gallons for consecutive 12-months for S-81, 82, and 83	BAAQMD Condition # 22788, part 7	P/D	Monthly Records
POC	BAAQMD Condition # 22788, part 2	Y	None	Materials other than gasoline diesel or jet fuel may be stored if POC emissions \leq 13,591 lb/yr for S-81, 82, and 83	BAAQMD # 22788, part 7	P/D	Monthly Records
POC	BAAQMD Condition # 22788, part 4	N	None	Benzene concentration \leq 1.4 % wt.	BAAQMD Condition # 22788, part 4	P/6 months	Sample Analysis

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

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

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

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-320.3.2	Y	None	Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.2	Y	None	Solid sampling or gauging wells in closed position with cover, seal or lid \leq 0.32 cm (1/8 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.3	Y	None	Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.2	Y	None	Slotted sampling or gauging wells in closed position with cover, seal or lid \leq 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.3	Y	None	Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.6	Y	None	Emergency roof drain with slotted membrane fabric cover \geq 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.1	Y	None	No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification

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

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

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

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-322.1	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 m ³ 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 m ³ , Tank degassing 90% control	BAAQMD 8-5-502	P/E	Source Test
POC	SIP 8-5-328.1.1	Y	None	Tank ≥ 75 m ³ , tank degassing shall have liquid balancing with ≤ 0.5 psia	None	N	None
POC	SIP 8-5-328.1.2	Y	None	Tank ≥ 75 m ³ , Tank degassing 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test

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	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

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

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition # 23338, part 1	Y	None	Non-exempt organic liquids throughput ≤ 856.8 million gallons for consecutive 12-months for S-84 through 90	BAAQMD Condition # 23338, part 7	P/D	Monthly Records
POC	BAAQMD Condition # 23338, part 2	Y	None	Materials other than gasoline diesel or jet fuel may be stored if POC emissions ≤ 33,178 lb/yr for S-84 through 90	BAAQMD # 23338, part 7	P/D	Monthly Records
POC	BAAQMD Condition # 23338, part 4	N	None	Benzene concentration ≤ 1.4 % wt.	BAAQMD Condition # 23338, part 4	P/6 months	Sample Analysis

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 IID	P/A	Records
NOx	BAAQMD Condition # 1253, part IB	Y	None	129.5 tpy for all sources	BAAQMD Condition # 1253, part IID	P/A	Records
CO	BAAQMD Condition # 1253, part IB	Y	None	52.2 tpy for all sources	BAAQMD Condition # 1253, part IID	P/A	Records
POC	BAAQMD Condition # 1253, part IB	Y	None	94.81 tpy for all sources	BAAQMD Condition # 1253, part IID	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 \leq 343 mg per dscm (0.15 gr/dscf)	None	N	N

Table VII - O
Applicable Limits and Compliance Monitoring Requirements
A-1– THERMAL OXIDIZER

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

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Table VII – P
Applicable Limits and Compliance Monitoring Requirements
FACILITY

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition # 1253, part IB	Y	None	94.81 tpy 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 \geq 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 \geq 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

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Table VII – Q
Applicable Limits and Compliance Monitoring Requirements
COMPONENTS

Type of Limit	Emission Limit Citation	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Regulation 8-18-301	Y	None	Equipment leaks \leq 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 \leq 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 \leq 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 \leq 15 lb/day for non-repairable valve with major leak (\geq 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 \leq 500 ppm	BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD Regulation 8-18-304	N	None	Connection leaks \leq 100 ppm	BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD Regulation 8-18-305	Y	None	Pressure relief valves \leq 500 ppm	BAAQMD 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	BAAQMD 8-18-305	Y	None	Inaccessible pressure relief valve leak \leq 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 \leq 100 ppm	SIP Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	SIP Regulation 8-18-303	Y	None	Connectors \leq 100 ppm	SIP Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records

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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 $\leq 0.5\%$	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 $\leq 1\%$	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

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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

9/17/21

Date