



May 21, 2024

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

TV Tracking #: 920

1. RECEIVED IN
ENFORCEMENT: 05/21/2024

Electronic Submittal

Subject: SFPP, L. P.'s Concord Station, Plant ID # A4022
Title V Semi-Annual Monitoring Report for the Period 11/01/23 through 04/30/24
1550 Solano Way, Concord, California 94520

Attn: Title V Reports:

SFPP, L.P. ("SFPP") submits the enclosed Semi-Annual Monitoring Report in accordance with Section I, and F. of the Final Major Facility Review Permit issued to Facility #A4022 for the above-referenced SFPP Concord Station. The Semi-Annual Monitoring Report covers the period from November 1, 2023 through April 30, 2024.

If you have any questions, please contact me at (415) 307-1374 or
Donny_Homer@kindermorgan.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Donny Homer", is written over a light blue horizontal line.

Donny Homer
Senior EHS Specialist
for SFPP, L.P.

Enclosure

Bay Area Air Quality Management District

375 Beale St, Suite 600, San Francisco, CA. 94105

Telephone: (415) 771-6000

**Report of Required Monitoring
TITLE V Operating Permit**

Facility Name: SFPP, L.P. Concord Station

Address: 1550 Solano Way, Concord, California 94520

Title V Permit Number: A4022

Reporting Period: November 1, 2023 through April 30, 2024

I hereby certify that I am a Responsible Official for the above named facility as defined in 40 Code of Federal Regulations, Part 70.2. I further certify that, based on information and belief formed after reasonable inquiry, the statements and information in this certification are true, accurate, and complete.

Daniel Wittenberg

Signature of Responsible Official

5/18/2024

Date

Daniel Wittenberg

Name of Responsible Official (please print)

Director of Operations

Title of Responsible Official (please print)

Title V Semi-Annual Monitoring Verification Report for Period 11/01/2023 through 4/30/2024

**Table VII – A
 Applicable Limits and Compliance Monitoring Requirements
 S1, S2 - STORAGE TANKS - EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-303.1	N		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.1	N		Gasket cover ≤ 0.32 cm (1/8 in.) gap	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.2	N		Solid sampling or gauging wells in closed position with cover, seal or lid ≤ 0.32 cm (1/8 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.3	N		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-5.2	N		Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-5.3	N		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	

Title V Semi-Annual Monitoring Verification Report for Period 11/01/2023 through 4/30/2024

**Table VII – A
 Applicable Limits and Compliance Monitoring Requirements
 S1, S2 - STORAGE TANKS - EXTERNAL FLOATING ROOF**

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POC	BAAQMD 8-5-320-6	N		Emergency roof drain with slotted membrane fabric cover \geq 90% opening area	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.1	N		No holes, tears, or other openings in the primary seal fabric	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.2	N		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-401.2 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3	N		Primary seal metallic shoe extends minimum 61 cm (24 in.) for external floating and 18 in. for internal floating roof tank above liquid surface.	BAAQMD 8-5-401.2 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3.1	N		Gap between shoe and tank shell is no greater than 46 cm (18 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/10 year	Inspection Certification	Continuous	

Title V Semi-Annual Monitoring Verification Report for Period 11/01/2023 through 4/30/2024

**Table VII – A
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 S1, S2 - STORAGE TANKS - EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1½ in.). No continuous gap >0.32 cm (1/8 in.) shall exceed 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/10 yr	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-401.1 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.2	N		Secondary seal shall allow insertion up to 3.8 cm (1½ in.) in width	BAAQMD 8-5-401.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.3	N		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 year	Inspection Certification	Continuous	
Secondary Seal Inspection	BAAQMD 8-5-322.5	N		Secondary Seal Gap < 0.06 inches	BAAQMD 8-5-401.1	Twice/yr	Measurement	Continuous	
POC	BAAQMD 8-5-328.1.1	N		Tank ≥ 75 m ³ , Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test	Continuous	

Title V Semi-Annual Monitoring Verification Report for Period 11/01/2023 through 4/30/2024

**Table VII – A
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Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling pt >302 deg F, TVP <0.5, or VOC content <50 g/L		N	Certification	Continuous	
POC	SIP 8-5-303.1	Y		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.1	Y		Gasket cover ≤ 0.32 cm (1/8 in) gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.4.2	Y		Solid sampling or gauging wells in closed position with cover, seal or lid ≤ 0.32 cm (1/8 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.4.3	Y		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.5.2	Y		Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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POC	SIP 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover \geq 90% opening area	SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	SIP 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3	Y		Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	

Title V Semi-Annual Monitoring Verification Report for Period 11/01/2023 through 4/30/2024

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 S1, S2 - STORAGE TANKS - EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-321.3.2	Y		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	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-322.1	Y		No holes, tears, or other openings	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	

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POC	SIP 8-5-328.1.1	Y		Tank $\geq 75 \text{ m}^3$, tank cleaning shall have liquid balancing with ≤ 0.5 psia	None	N	None	Continuous	
POC	SIP 8-5-328.1.2	Y		Tank $\geq 75 \text{ m}^3$, Tank cleaning 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test	Continuous	
POC	40 CFR 63.11087(a)	Y	1/10/2011		40 CFR 63.11092(e) (1)	P/E, 60 days/1 yr/ 5 yr/ 10 yrs	Visual Inspection Record keeping	Continuous	
Material throughput limit	BAAQMD Condition #5531, part 1	Y		3,175,200 gallons/yr (each tank)	BAAQMD Condition #5531, part 2	P/M	Record keeping	Continuous	
Certification	BAAQMD 8-5-404	Y		Submit report within 60 days of inspection or source test	BAAQMD 8-5-404		Submittal	Continuous	
	BAAQMD Regulation 8, Rule 5 (amended on 10/18/06)							Continuous	

Title V Semi-Annual Monitoring Verification Report for Period 11/01/2023 through 4/30/2024

**Table VII - B
 Applicable Limits and Compliance Monitoring Requirements
 S3, S5, S6, S7 - STORAGE TANKS –EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
	BAAQMD 8-5-111.2			Notification of Work				Continuous	
POC	BAAQMD 8-5-303.1	N		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-304.4	N		No liquid on the surface of the roof.	BAAQMD 8-5-401 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.1	N		Gasket cover ≤ 0.32 cm (1/8 in.) gap	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.2	N		Solid sampling or gauging wells in closed position with cover, seal or lid ≤ 0.32 cm (1/8 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	

Title V Semi-Annual Monitoring Verification Report for Period 11/01/2023 through 4/30/2024

**Table VII - B
 Applicable Limits and Compliance Monitoring Requirements
 S3, S5, S6, S7 - STORAGE TANKS –EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-320-4.3	N		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Intermittent	Seal Gap. See attached reports
POC	BAAQMD 8-5-320-5.2	N		Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-5.3	N		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-6	N		Emergency roof drain with slotted membrane fabric cover $\geq 90\%$ opening area	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	

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POC	BAAQMD 8-5-321.1	N		No holes, tears, or other openings in the primary seal fabric	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.2	N		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-401.2 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3	N		Primary seal metallic shoe extends minimum 61 cm (24 in.) for external floating and 18 in. for internal floating roof tank above liquid surface.	BAAQMD 8-5-401.2 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3.1	N		Gap between shoe and tank shell is no greater than 46 cm (18 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/10 year	Inspection Certification	Continuous	

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POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1½ in.). No continuous gap >0.32 cm (1/8 in.) shall exceed 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/10 yr	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-401.1 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.2	N		Secondary seal shall allow insertion up to 3.8 cm (1½ in.) in width	BAAQMD 8-5-401.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	

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POC	BAAQMD 8-5-322.3	N		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 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-328.1.1	N		Tank $\geq 75 \text{ m}^3$, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test	Continuous	
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling pt >302 deg F, TVP <0.5, or VOC content <50 g/L		N	Certification	Continuous	
POC	SIP 8-5-303.1	Y		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.1	Y		Gasket cover ≤ 0.32 cm (1/8 in) gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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POC	SIP 8-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.4.2	Y		Solid sampling or gauging wells in closed position with cover, seal or lid \leq 0.32 cm (1/8 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.4.3	Y		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.5.2	Y		Slotted sampling or gauging wells in closed position with cover, seal or lid \leq 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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POC	SIP 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq 90\%$ opening area	SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	SIP 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	

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Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-321.3	Y		Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	

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**Table VII - B
 Applicable Limits and Compliance Monitoring Requirements
 S3, S5, S6, S7 - STORAGE TANKS –EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-321.3.2	Y		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	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-322.1	Y		No holes, tears, or other openings	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - B
 Applicable Limits and Compliance Monitoring Requirements
 S3, S5, S6, S7 - STORAGE TANKS –EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-328.1.1	Y		Tank $\geq 75 \text{ m}^3$, tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None	Continuous	
POC	SIP 8-5-328.1.2	Y		Tank $\geq 75 \text{ m}^3$, Tank cleaning 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test	Continuous	
POC	40 CFR 63.11087(a)	Y	1/10/2011		40 CFR 63.11092(e) (1)	P/E, 60 days/1 yr/ 5 yr/ 10 yrs	Visual Inspection Record keeping	Continuous	

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**Table VII - B
 Applicable Limits and Compliance Monitoring Requirements
 S3, S5, S6, S7 - STORAGE TANKS –EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Material throughput limit	BAAQMD Condition #13143, part 9	Y		Gasoline:1,400 million gallons/yr; Jet/Kerosene:352 million gallons/yr	BAAQMD Condition ID#13143, part 11	P/Daily	Record keeping	Continuous	
Temperature	BAAQMD Condition #13143, part 3	Y		1200 degree Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record keeping	Continuous	
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.97%	BAAQMD Condition #13143, part 7	P/Annual	Source Test and Recordkeeping	Continuous	
Certification	BAAQMD 8-5-404			Submit report within 60 days of inspection or source test	BAAQMD 8-5-404		Submittal	Continuous	
	BAAQMD Regulation 8, Rule 5 (amended on 10/18/06)	Y						Continuous	

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**Table VII - C
 Applicable Limits and Compliance Monitoring Requirements
 S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-303.1	N		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.1	N		Gasket cover \leq 0.32 cm (1/8 in.) gap	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.2	N		Solid sampling or gauging wells in closed position with cover, seal or lid \leq 0.32 cm (1/8 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.3	N		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - C
 Applicable Limits and Compliance Monitoring Requirements
 S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-320-5.2	N		Slotted sampling or gauging wells in closed position with cover, seal or lid \leq 1.3 cm (1/2 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-5.3	N		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in.)	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-6	N		Emergency roof drain with slotted membrane fabric cover \geq 90% opening area	BAAQMD 8-5-401.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.1	N		No holes, tears, or other openings in the primary seal fabric	BAAQMD 8-5-401.1 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.2	N		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-401.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	

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**Table VII - C
 Applicable Limits and Compliance Monitoring Requirements
 S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-321.3	N		Primary seal metallic shoe extends minimum 61 cm (24 in.) for external floating and 18 in. for internal floating roof tank above liquid surface.	BAAQMD 8-5-401.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3.1	N		Gap between shoe and tank shell is no greater than 46 cm (18 in.)	BAAQMD 8-5-401.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1½ in.). No continuous gap >0.32 cm (1/8 in.) shall exceed 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/10 yr	Inspection Certification	Continuous	

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**Table VII - C
 Applicable Limits and Compliance Monitoring Requirements
 S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-401.1 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.2	N		Secondary seal shall allow insertion up to 3.8 cm (1½ in.) in width	BAAQMD 8-5-401.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.3	N		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 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-328.1.1	N		Tank ≥ 75 m³, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test	Continuous	
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling pt >302 deg F, TVP <0.5, or VOC content <50 g/L		N	Certification	Continuous	

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**Table VII - C
 Applicable Limits and Compliance Monitoring Requirements
 S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-303.1	Y		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.1	Y		Gasket cover \leq 0.32 cm (1/8 in) gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.4.2	Y		Solid sampling or gauging wells in closed position with cover, seal or lid \leq 0.32 cm (1/8 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - C
 Applicable Limits and Compliance Monitoring Requirements
 S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-320.4.3	Y		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.5.2	Y		Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq 90\%$ opening area	SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - C
 Applicable Limits and Compliance Monitoring Requirements
 S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	SIP 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3	Y		Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	

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**Table VII - C
 Applicable Limits and Compliance Monitoring Requirements
 S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-321.3.2	Y		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	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-322.1	Y		No holes, tears, or other openings	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - C
 Applicable Limits and Compliance Monitoring Requirements
 S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-328.1.1	Y		Tank ≥ 75 m ³ , tank cleaning shall have liquid balancing with ≤ 0.5 psia	None	N	None	Continuous	
POC	SIP 8-5-328.1.2	Y		Tank ≥ 75 m ³ , Tank cleaning 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test	Continuous	
POC	40 CFR 63.11087(a)	Y	1/10/2011		40 CFR 63.11092(e) (1)	P/E, 60 days/1 yr/ 5 yr/ 10 yrs	Visual Inspection Record keeping	Continuous	

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**Table VII - C
 Applicable Limits and Compliance Monitoring Requirements
 S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Certification	BAAQMD 8-5-404			Submit report within 60 days of inspection or source test	BAAQMD 8-5-404		Submittal	Continuous	
	BAAQMD Regulation 8, Rule 5 (amended on 10/18/06)	Y						Continuous	

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**Table VII - D
 Applicable Limits and Compliance Monitoring Requirements
 S8, S9 - STORAGE TANKS – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-303.1	N		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.1	N		Gasket cover \leq 0.32 cm (1/8 in.) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.2	N		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 a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.3	N		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 a year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - D
 Applicable Limits and Compliance Monitoring Requirements
 S8, S9 - STORAGE TANKS – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-320-5.3	N		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in.)	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-6	N		Emergency roof drain with slotted membrane fabric cover \geq 90% opening area	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.1	N		No holes, tears, or other openings in the primary seal fabric	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.2	N		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.3 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3	N		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 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3.1	N		Gap between shoe and tank shell is no greater than 46 cm (18 in.)	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	

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**Table VII - D
 Applicable Limits and Compliance Monitoring Requirements
 S8, S9 - STORAGE TANKS – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1½ in.). No continuous gap >0.32 cm (1/8 in.) shall exceed 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	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.2	N		Secondary seal shall allow insertion up to 3.8 cm (1½ in.) in width	BAAQMD 8-5-402 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.3	N		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in.)	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-328.1.1	N		Tank ≥ 75 m ³ , Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test	Continuous	
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling pt >302 deg F, TVP <0.5, or VOC content <50 g/L	N	N	Certification	Continuous	

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**Table VII - D
 Applicable Limits and Compliance Monitoring Requirements
 S8, S9 - STORAGE TANKS – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-303.1	Y		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-305.6	Y		Tank Shell shall be leak free	SIP 8-5-402.3	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.1	Y		Gasket cover \leq 0.32 cm (1/8 in) gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.4.2	Y		Solid sampling or gauging wells in closed position with cover, seal or lid \leq 0.32 cm (1/8 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - D
 Applicable Limits and Compliance Monitoring Requirements
 S8, S9 - STORAGE TANKS – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-320.4.3	Y		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.5.2	Y		Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq 90\%$ opening area	SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - D
 Applicable Limits and Compliance Monitoring Requirements
 S8, S9 - STORAGE TANKS – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	SIP 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3	Y		Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr			
POC	SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3.2	Y		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	SIP 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification	Continuous	

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**Table VII - D
 Applicable Limits and Compliance Monitoring Requirements
 S8, S9 - STORAGE TANKS – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-322.1	Y		No holes, tears, or other openings	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-328.1.1	Y		Tank ≥ 75 m ³ , tank cleaning shall have liquid balancing with ≤ 0.5 psia	None	N	None	Continuous	
POC	SIP 8-5-328.1.2	Y		Tank ≥ 75 m ³ , Tank cleaning 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test	Continuous	
POC	40 CFR 63.11087(a)	Y	1/10/2011		40 CFR 63.11092(e) (1)	P/E, 60 days/1 yr/ 5 yr/ 10 yrs	Visual Inspection Record keeping	Continuous	

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**Table VII - D
 Applicable Limits and Compliance Monitoring Requirements
 S8, S9 - STORAGE TANKS – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Total Material throughput limit	BAAQMD Condition #13143, part 9	Y		1,400 MM gallons/yr of gasoline and 352 MM gallons/yr of Jet/Kerosene	BAAQMD Condition #13143, part 12	P/Daily	Record Keeping	Continuous	
Temperature	BAAQMD Condition #13143, part 3	Y		1,200 degree Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record Keeping	Continuous	
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.97%	BAAQMD Condition #13143, part 7	P/Annual	Source Test, Record Keeping	Continuous	
Certification	BAAQMD 8-5-404	Y		Submit report within 60 days of inspection or source test	BAAQMD 8-5-404		Submittal	Continuous	
	BAAQMD Regulation 8, Rule 5 (amended on 10/18/06)	Y						Continuous	

Title V Semi-Annual Monitoring Verification Report for Period 11/01/2023 through 4/30/2024

**Table VII - E
 Applicable Limits and Compliance Monitoring Requirements
 S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-303.1	N		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.1	N		Gasket cover \leq 0.32 cm (1/8 in.) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.2	N		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 a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.3	N		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 a year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - E
 Applicable Limits and Compliance Monitoring Requirements
 S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-320-5.3	N		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in.)	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-6	N		Emergency roof drain with slotted membrane fabric cover $\geq 90\%$ opening area	BAAQMD 8-5-402.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.1	N		No holes, tears, or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.2	N		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3	N		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 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3.1	N		Gap between shoe and tank shell is no greater than 46 cm (18 in.)	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	

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**Table VII - E
 Applicable Limits and Compliance Monitoring Requirements
 S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1½ in.). No continuous gap >0.32 cm (1/8 in.) shall exceed 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	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.2	N		Secondary seal shall allow insertion up to 3.8 cm (1½ in.) in width	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.3	N		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	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-328.1.1	N		Tank ≥ 75 m ³ , Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test	Continuous	

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**Table VII - E
 Applicable Limits and Compliance Monitoring Requirements
 S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling pt >302 deg F, TVP <0.5, or VOC content <50 g/L		N	Certification	Continuous	
POC	SIP 8-5-303.1	Y		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.1	Y		Gasket cover ≤ 0.32 cm (1/8 in) gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.4.2	Y		Solid sampling or gauging wells in closed position with cover, seal or lid ≤ 0.32 cm (1/8 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - E
 Applicable Limits and Compliance Monitoring Requirements
 S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-320.4.3	Y		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.5.2	Y		Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq 90\%$ opening area	SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - E
 Applicable Limits and Compliance Monitoring Requirements
 S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	SIP 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3	Y		Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3.2	Y		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	SIP 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification	Continuous	

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**Table VII - E
 Applicable Limits and Compliance Monitoring Requirements
 S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-322.1	Y		No holes, tears, or other openings	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-328.1.1	Y		Tank ≥ 75 m ³ , tank cleaning shall have liquid balancing with ≤ 0.5 psia	None	N	None	Continuous	
POC	SIP 8-5-328.1.2	Y		Tank ≥ 75 m ³ , Tank cleaning 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test	Continuous	
POC	40 CFR 63.11087(a)	Y	1/10/2011		40 CFR 63.11092(e) (1)	P/E, 60 days/1 yr/ 5 yr/ 10 yrs	Visual Inspection Record keeping	Continuous	

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**Table VII - E
 Applicable Limits and Compliance Monitoring Requirements
 S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Total Material throughput limit	BAAQMD Condition #13143, part 10	Y		504,000,000 gallons/yr	BAAQMD Condition #13143, part 11	P/Daily	Record Keeping	Continuous	
Temperature	BAAQMD Condition #13143, part 3	Y		1,200 degree Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record Keeping	Continuous	
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.97%	BAAQMD Condition #13143, part 7	P/Annual	Source Test, Record Keeping	Continuous	
Certification	BAAQMD 8-5-404			Submit report within 60 days of inspection or source test	BAAQMD 8-5-404		Submittal	Continuous	
	BAAQMD Regulation 8, Rule 5 (amended on 10/18/06)	Y						Continuous	

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**Table VII - F
 Applicable Limits and Compliance Monitoring Requirements
 S11 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-303.1	N		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.1	N		Gasket cover \leq 0.32 cm (1/8 in.) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.2	N		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 a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.3	N		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 a year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - F
 Applicable Limits and Compliance Monitoring Requirements
 S11 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-320-5.3	N		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in.)	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-6	N		Emergency roof drain with slotted membrane fabric cover $\geq 90\%$ opening area	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.1	N		No holes, tears, or other openings in the primary seal fabric	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.2	N		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	

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**Table VII - F
 Applicable Limits and Compliance Monitoring Requirements
 S11 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-321.3	N		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 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3.1	N		Gap between shoe and tank shell is no greater than 46 cm (18 in.)	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1½ in.). No continuous gap >0.32 cm (1/8 in.) shall exceed 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	Inspection Certification	Continuous	

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**Table VII - F
 Applicable Limits and Compliance Monitoring Requirements
 S11 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.2	N		Secondary seal shall allow insertion up to 3.8 cm (1½ in.) in width	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.3	N		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in.)	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-328.1.1	N		Tank ≥ 75 m ³ , Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test	Continuous	
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling pt >302 deg F, TVP <0.5, or VOC content <50 g/L		N	Certification	Continuous	

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**Table VII - F
 Applicable Limits and Compliance Monitoring Requirements
 S11 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-303.1	Y		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.1	Y		Gasket cover \leq 0.32 cm (1/8 in) gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.4.2	Y		Solid sampling or gauging wells in closed position with cover, seal or lid \leq 0.32 cm (1/8 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - F
 Applicable Limits and Compliance Monitoring Requirements
 S11 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-320.4.3	Y		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.5.2	Y		Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq 90\%$ opening area	SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - F
 Applicable Limits and Compliance Monitoring Requirements
 S11 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	SIP 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3	Y		Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	

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**Table VII - F
 Applicable Limits and Compliance Monitoring Requirements
 S11 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-321.3.2	Y		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	SIP 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-322.1	Y		No holes, tears, or other openings	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - F
 Applicable Limits and Compliance Monitoring Requirements
 S11 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-328.1.1	Y		Tank ≥ 75 m ³ , tank cleaning shall have liquid balancing with ≤ 0.5 psia	None	N	None	Continuous	
POC	SIP 8-5-328.1.2	Y		Tank ≥ 75 m ³ , Tank cleaning 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test	Continuous	
POC	40 CFR 63.11087(a)	Y	1/10/2011		40 CFR 63.11092(e) (1)	P/E, 60 days/1 yr/ 5 yr/ 10 yrs	Visual Inspection Record keeping	Continuous	

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**Table VII - F
 Applicable Limits and Compliance Monitoring Requirements
 S11 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Total Material throughput limit	BAAQMD Condition #13143, part 9	Y		1,400 MM gallons/yr of gasoline and 352 MM gallons/yr of Jet/Kerosene	BAAQMD Condition #13143, part 11	P/Daily	Record Keeping	Continuous	
Temperature	BAAQMD Condition #13143, part 3	Y		1200 degree Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record Keeping	Continuous	
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.97%	BAAQMD Condition #13143, part 7	P/Annual	Source Test, Record Keeping	Continuous	
Certification	BAAQMD 8-5-404			Submit report within 60 days of inspection or source test	BAAQMD 8-5-404		Submittal	Continuous	
	BAAQMD Regulation 8, Rule 5 (amended on 10/18/06)	Y						Continuous	

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**Table VII - G
 Applicable Limits and Compliance Monitoring Requirements
 S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -
 STORAGE TANKS - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Floating Roof	40 CFR 60.112b (a)(1)	Y			40 CFR 60.115b(a)(1)	P/E	Initial Report	Continuous	
	40 CFR 60.113b (a)(1)				40 CFR 60.115b(a)(2)	P/E	Visual Inspection, Record keeping	Continuous	
Primary Seal Inspection	BAAQMD 8-5-321	Y			BAAQMD 8-5-401.2	P/10 yr	Measurement	Continuous	
Primary Seal Inspection	40 CFR 60.113b (a)(2)	Y			40 CFR 60.115b(a)(3)	P/12 month	Visual Inspection, Record keeping and reporting	Continuous	
Liquid Stored		Y		>0.5 psia	40 CFR 60.116b(c)	P/D	Record keeping	Continuous	
True vapor pressure		Y			40 CFR 60.116b(c)	P/D	Record keeping	Continuous	

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**Table VII - G
 Applicable Limits and Compliance Monitoring Requirements
 S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -
 STORAGE TANKS - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
True vapor pressure		Y		>0.74 psia	40 CFR 60.116b(d)	P/D	Notify	Continuous	
Notification	BAAQMD 8-5-111 and 8-5-305.5	N		Floating roof rest on the liquid surface and Notify the District 3-day prior to remove tank from service			Notify	Continuous	
POC	BAAQMD 8-5-303.1	N		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-305	N		Floating roof requirements	BAAQMD 8-5-401	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-305.5	N		Leak free roof	BAAQMD 8-5-402	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - G
 Applicable Limits and Compliance Monitoring Requirements
 S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -
 STORAGE TANKS - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-320-3.1	N		Gasket cover \leq 0.32 cm (1/8 in.) gap	BAAQMD 8-5-402.3	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-402.3	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.2	N		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	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.3	N		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	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	

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 Applicable Limits and Compliance Monitoring Requirements
 S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -
 STORAGE TANKS - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-320-5.3	N		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	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.2	N		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3	N		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 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3.1	N		Gap between shoe and tank shell is no greater than 46 cm (18 in.)	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	

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 Applicable Limits and Compliance Monitoring Requirements
 S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -
 STORAGE TANKS - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1½ in.). No continuous gap >0.32 cm (1/8 in.) shall exceed 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	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.2	N		Secondary seal shall allow insertion up to 3.8 cm (1½ in.) in width	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.3	N		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in.)	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	

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**Table VII - G
 Applicable Limits and Compliance Monitoring Requirements
 S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -
 STORAGE TANKS - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Tank Fitting Inspection	BAAQMD 8-5-322.3.2	N		No visible gap on manway or view port	BAAQMD 8-5-402.3	Twice/yr	Measurement	Continuous	
POC	BAAQMD 8-5-328.1.1	N		Tank $\geq 75 \text{ m}^3$, Tank cleaning 90% control, POC concentration $< 10,000 \text{ ppm}$	BAAQMD 8-5-502	P/A	Source Test	Continuous	
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling pt $>302 \text{ deg F}$, TVP <0.5 , or VOC content $<50 \text{ g/L}$		N	Certification	Continuous	
POC	SIP 8-5-303.1	Y		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.1	Y		Gasket cover $\leq 0.32 \text{ cm}$ (1/8 in) gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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 Applicable Limits and Compliance Monitoring Requirements
 S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -
 STORAGE TANKS - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.4.2	Y		Solid sampling or gauging wells in closed position with cover, seal or lid \leq 0.32 cm (1/8 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.4.3	Y		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - G
 Applicable Limits and Compliance Monitoring Requirements
 S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -
 STORAGE TANKS - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq 90\%$ opening area	SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	SIP 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	

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**Table VII - G
 Applicable Limits and Compliance Monitoring Requirements
 S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -
 STORAGE TANKS - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-321.3	Y		Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	

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**Table VII - G
 Applicable Limits and Compliance Monitoring Requirements
 S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -
 STORAGE TANKS - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-321.3.2	Y		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	SIP 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification	POC	
POC	SIP 8-5-322.1	Y		No holes, tears, or other openings	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	POC	

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**Table VII - G
 Applicable Limits and Compliance Monitoring Requirements
 S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -
 STORAGE TANKS - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-328.1.1	Y		Tank $\geq 75 \text{ m}^3$, tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None	Continuous	
POC	SIP 8-5-328.1.2	Y		Tank $\geq 75 \text{ m}^3$, Tank cleaning 90% control, POC concentration $< 10,000 \text{ ppm}$	SIP 8-5-502	P/A	Source Test	Continuous	
POC	40 CFR 63.11087(a)	Y	1/10/2011		40 CFR 63.11092(e) (1)	P/E, 60 days/1 yr/ 5 yr/ 10 yrs	Visual Inspection Record keeping	Continuous	
Leak	BAAQMD 8-18-301	Y					Record Keeping	Continuous	

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**Table VII - G
 Applicable Limits and Compliance Monitoring Requirements
 S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -
 STORAGE TANKS - INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Total Material throughput limit	BAAQMD Condition #13143, part 9	Y		1,400 MM gallons/yr of gasoline and 352 MM gallons/yr of Jet/Kerosene (for S12)	BAAQMD Condition #13143, part 11	P/Daily	Record Keeping	Continuous	
Temperature	BAAQMD Condition #13143, part 3	Y		1200 degrees Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record Keeping	Continuous	
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.97%	BAAQMD Condition #13143, part 7	P/Annual	Source Test, Record Keeping	Continuous	
Certification	BAAQMD 8-5-404			Submit report within 60 days of inspection or source test	BAAQMD 8-5-404		Submittal	Continuous	
POC	40 CFR 63.1066 (b)(1)	Y					Notification	Intermittent	Late notification. See attached report.

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**Table VII - H
 Applicable Limits and Compliance Monitoring Requirements
 S14 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-303.1	N		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.1	N		Gasket cover \leq 0.32 cm (1/8 in.) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.2	N		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 a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-4.3	N		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 a year at 4 to 8 months interval	Inspection Certification	Continuous	

Title V Semi-Annual Monitoring Verification Report for Period 11/01/2023 through 4/30/2024

**Table VII - H
 Applicable Limits and Compliance Monitoring Requirements
 S14 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-320-5.3	N		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in.)	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-320-6	N		Emergency roof drain with slotted membrane fabric cover $\geq 90\%$ opening area	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.1	N		No holes, tears, or other openings in the primary seal fabric	BAAQMD 8-5-402.3 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.2	N		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	

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**Table VII - H
 Applicable Limits and Compliance Monitoring Requirements
 S14 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-321.3	N		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 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3.1	N		Gap between shoe and tank shell is no greater than 46 cm (18 in.)	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1½ in.). No continuous gap >0.32 cm (1/8 in.) shall exceed 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	Inspection Certification	Continuous	

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**Table VII - H
 Applicable Limits and Compliance Monitoring Requirements
 S14 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice a year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.2	N		Secondary seal shall allow insertion up to 3.8 cm (1½ in.) in width	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-322.3	N		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in.)	BAAQMD 8-5-402.1 & 8-5-404	P/10 year	Inspection Certification	Continuous	
POC	BAAQMD 8-5-328.1.1	N		Tank ≥ 75 m ³ , Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test	Continuous	
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling pt >302 deg F, TVP <0.5, or VOC content <50 g/L		N	Certification	Continuous	

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**Table VII - H
 Applicable Limits and Compliance Monitoring Requirements
 S14 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-303.1	Y		PVV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.1	Y		Gasket cover \leq 0.32 cm (1/8 in) gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.4.2	Y		Solid sampling or gauging wells in closed position with cover, seal or lid \leq 0.32 cm (1/8 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.4.3	Y		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - H
 Applicable Limits and Compliance Monitoring Requirements
 S14 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-320.5.2	Y		Slotted sampling or gauging wells in closed position with cover, seal or lid \leq 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured \leq 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover \geq 90% opening area	SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	
POC	SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	SIP 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	

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**Table VII - H
 Applicable Limits and Compliance Monitoring Requirements
 S14 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-321.3	Y		Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	

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**Table VII - H
 Applicable Limits and Compliance Monitoring Requirements
 S14 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-321.3.2	Y		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	SIP 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-322.1	Y		No holes, tears, or other openings	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification	Continuous	

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**Table VII - H
 Applicable Limits and Compliance Monitoring Requirements
 S14 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification	Continuous	
POC	SIP 8-5-328.1.1	Y		Tank $\geq 75 \text{ m}^3$, tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None	Continuous	
POC	SIP 8-5-328.1.2	Y		Tank $\geq 75 \text{ m}^3$, Tank cleaning 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test	Continuous	
POC	40 CFR 63.11087 (a)	Y	1/10/2011		40 CFR 63.11092(e) (1)	P/E, 60 days/1 yr/ 5 yr/ 10 yrs	Visual Inspection Record keeping	Continuous	

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**Table VII - H
 Applicable Limits and Compliance Monitoring Requirements
 S14 - STORAGE TANK – INTERNAL FLOATING ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Certification	BAAQMD 8-5-404			Submit report within 60 days of inspection or source test	BAAQMD 8-5-404		Submittal	Continuous	
	BAAQMD Regulation 8, Rule 5 (amended on 10/18/06)	Y						Continuous	

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**Table VII – I
 Applicable Limits and Compliance Monitoring Requirements
 S27 - OIL - WATER SEPARATOR**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Roof seals, other openings	BAAQMD 8-8-301.1	N		Gap<0.125 inch	BAAQMD 8-8-301.1	P/Initially and 6 months	Visual inspection	Continuous	
Roof seals, other openings	SIP 8-8-301.1	Y		Gap<0.125 inch	SIP 8-8-301.1	P/Initially and 6 months	Visual inspection	Continuous	
POC	BAAQMD Condition #3590, part 1	Y		<500 ppm (as methane)	BAAQMD Condition #3590, part 1	P/6 months	Portable Hydrocarbon Detector	Continuous	
Processing Rate	BAAQMD Condition #3590, Part 2	Y		5 gpm	BAAQMD Condition #3590, part 2	P/daily	Measurement	Continuous	

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**Table VII - J
 Applicable Limits and Compliance Monitoring Requirements
 S28 - ADDITIVE STORAGE TANK – FIXED ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Liquid stored		N		>0.5 psia	BAAQMD 8-5-501	P/Monthly	Record keeping	Continuous	
Liquid stored		Y		>0.5 psia	SIP 8-5-501	P/Monthly	Record keeping	Continuous	
POC		Y		Throughput < 10,000 gal/yr	Condition #26238 Part 2	P/Monthly	Record keeping	Continuous	

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**Table VII - K
 Applicable Limits and Compliance Monitoring Requirements
 S31, Emergency Diesel-Engine Generator**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Opacity	BAAQMD 6-1-303.1	N		Ringelmann 2.0 for no more than 3 minutes in any hour		N		Continuous	
FP	BAAQMD 6-1-310	N		0.15 gr/dscf		N		Continuous	
Opacity	SIP 6-303.1	Y		Ringelmann 2.0 for no more than 3 minutes in any hour		N		Continuous	
FP	SIP 6-1-310	Y		0.15 gr/dscf		N		Continuous	
SO ₂	BAAQMD 9-1-301	Y		Property Line Ground Level Limits: < 0.5 ppm for 3 minutes and < 0.25 ppm for 60 min. and <0.05 ppm for 24 hours	None	N	N/A	Continuous	
	BAAQMD 9-1-304	Y		0.05% wt sulfur in liquid fuel		P/E	Fuel certification recordkeeping	Continuous	
Hours of Operation	BAAQMD 9-8-330.1	N		Unlimited hours for emergencies	BAAQMD 9-8-530.2	P/monthly	Record Keeping	Continuous	
	BAAQMD 9-8-330.2	N		100 hours per year for reliability-related activities	BAAQMD 9-8-530	P/monthly	Record Keeping	Continuous	

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**Table VII - K
 Applicable Limits and Compliance Monitoring Requirements
 S31, Emergency Diesel-Engine Generator**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
	BAAQMD 9-8-330.3	N	1/1/2012	50 hours per year for reliability-related activities	BAAQMD 9-8-530	P/monthly	Record Keeping	Continuous	
	CCR, Title 17, Section 93115.6(b)(3)(A)(1)(a)	N		20 hours/yr for maintenance and testing	CCR, Title 17, Section 93115.10(e)(1)	C	Totalizing Counter	Continuous	
	CCR, Title 17, Section 93115.6(b)(3)(A)(1)(a)	N		20 hours/yr for maintenance and testing	CCR, Title 17, Section 93115.10(g)	M	Record Keeping	Continuous	
	BAAQMD Condition #22820, part 1	N		20 hours/yr for maintenance and testing	BAAQMD Condition #22820, part 3	C	Totalizing Counter	Continuous	
	BAAQMD Cond.# 22820, part 1	Y		20 hours per year for reliability-related activities	BAAQMD Cond.# 22820, part 1	P/monthly	Record Keeping	Continuous	

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**Table VII - L
 Applicable Limits and Compliance Monitoring Requirements
 S40, Pipeline Surge System Consisting of 5 Surge Vessels**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Switchover of storage tanks	BAAQMD Condition #15574, part 1	Y		30/annual average day; 45 maximum/any single day; 10950/consecutive 365 day period	BAAQMD Condition #15574, part 4	P/Daily, consecutive 365 day period	Recordkeeping	Continuous	
Vapor pressure of material pumped	BAAQMD Condition #15574, part 3	Y		<11.0 psia	BAAQMD Condition #15574, part 3	P/each material	Recordkeeping	Continuous	

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**Table VII - M
 Applicable Limits and Compliance Monitoring Requirements
 S42 - AIR STRIPPER**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Destruction efficiency	BAAQMD 8-47-301	N		90% by weight	BAAQMD 8-47-501.2	P/Monthly	Gas sampling and analysis, Record keeping	Continuous	
Destruction efficiency	SIP 8-47-301	Y		90% by weight	SIP 8-47-501.2	P/Monthly	Gas sampling and analysis, Record keeping	Continuous	
Flow rate	BAAQMD Condition #17450 , part 1	Y		600 scfm	BAAQMD Condition #17450 , part 7(a)	P/Monthly	Gas sampling and analysis, Record keeping	Continuous	
Emission rate	BAAQMD Condition #17450 , part 2	Y		POC:549 lb/yr, Benzene: 6 lb/yr	BAAQMD Condition #17450, part 7 (c)	P/Monthly	Gas sampling and analysis, Record keeping	Continuous	
Temperature	BAAQMD Condition #17450, part 3	Y		500 degree F	BAAQMD Condition #17450, part 4, 5, 6	C	Record keeping	Continuous	

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**Table VII - N
 Applicable Limits and Compliance Monitoring Requirements
 S47, S48 – OIL-WATER SEPARATORS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
Roof seals, Other Openings	BAAQMD 8-8-301.1	N		Gap < 0.125 in	BAAQMD 8-8-301.1	P/Initially and 6 months	Visual Inspection	Continuous	
Roof seals, Other Openings	SIP 8-8-301.1	Y		Gap < 0.125 in	SIP 8-8-301.1	P/Initially and 6 months	Visual Inspection	Continuous	
POC	Condition #21509 Part 1	Y		21,600 gal//yr	Condition #21509 Part 3	P/M	Recordkeeping	Continuous	

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Table VII - O
Applicable Limits and Compliance Monitoring Requirements
S1000 - SUMP TANK D-3, STOCKTON LINE
S1002 - SUMP TANK D-10, SACRAMENTO LINE

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	40 CFR 63.11087 (a)	Y	1/10/2011		40 CFR 63.11092(e)(1)	P/E 1 or 5 or 10 yrs	Visual Inspection, Recordkeeping	Continuous	
Material throughput	BAAQMD Condition #15859, part 1	Y		750,000 gallons/yr	BAAQMD Condition #15859, part 2	P/D	Record keeping	Continuous	

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**Table VII - P
 Applicable Limits and Compliance Monitoring Requirements
 COMPONENTS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	BAAQMD 8-18-301	Y		General equipment leak \leq 100 ppm	BAAQMD 8-18-401.2	P/Q	Inspection	Continuous	
	BAAQMD 8-18-302	N		Valve leak \leq 100 ppm	BAAQMD 8-18-401.2	P/Q	Inspection	Continuous	
	BAAQMD 8-18-303	N		Pump and compressor leak \leq 500 ppm	BAAQMD 8-18-401.2	P/Q	Inspection	Continuous	
	BAAQMD 8-18-304	N		Connection leak \leq 100 ppm	BAAQMD 8-18-401.2e	P/Q	Inspection	Continuous	
	BAAQMD 8-18-305	Y		Pressure relief valve leak \leq 500 ppm	BAAQMD 8-18-401.2	P/Q	Inspection	Continuous	
	BAAQMD 8-18-306.1	N		Valve, pressure relief, pump or compressor must be repaired within 5 years or at the next scheduled turnaround	None	N		Continuous	
POC	BAAQMD 8-18-306.2	N		Awaiting repair Valves \leq 0.5% Pressure Relief \leq 1% Pump and Connector \leq 1%	BAAQMD 8-18-401.5	P/24 hours	Inspection	Continuous	
POC	SIP 8-18-302	Y		Valve leak \leq 100 ppm	SIP 8-18-401.2	P/Q	Inspection	Continuous	
	SIP 8-18-303	Y		Pump and compressor leak \leq 500 ppm	SIP 8-18-401.2	P/Q	Inspection	Continuous	

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**Table VII - P
 Applicable Limits and Compliance Monitoring Requirements
 COMPONENTS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
	SIP 8-18-304	Y		Connection leak \leq 100 ppm	SIP 8-18-401.2	P/Q	Inspection	Continuous	
	SIP 8-18-305	Y		Pressure relief valve leak \leq 500 ppm	SIP 8-18-401.2	P/Q	Inspection	Continuous	
	SIP 8-18-306.1	Y		Valve, pressure relief, pump or compressor must be repaired within 5 years or at the next scheduled turnaround	None	N		Continuous	
POC	SIP 8-18-306.2	Y		Awaiting repair Valves \leq 0.5% Pressure Relief \leq 1% Pump and Connector \leq 1%	SIP 8-18-401.5	P/24 hours	Inspection	Continuous	
	SIP 8-18-306.3.2	Y		Mass emissions & non-repairable equipment allowed Valve \leq 0.1 lb/day & \leq 1.0% Pressure Relief \leq 0.2 lb/day & \leq 5% Pump and Connector \leq 0.2 lb/day & \leq 5%	SIP 8-18-401.2	P/D	Inspection	Continuous	
POC	SIP 8-18-306.3.3	Y		Total valve, pressure relief, pump or compressor leaks \geq 15 lb/day, they must be repaired within 7 days	None	N		Continuous	
	SIP 8-25-302	Y		Pump leak \leq 500 ppm	SIP 8-25-401.2 & 8-25-403	P/Q P/D	Measure leaks Visual Inspection	Continuous	

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**Table VII - P
 Applicable Limits and Compliance Monitoring Requirements
 COMPONENTS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance"	Additional Information
POC	SIP 8-25-303	Y		Compressor leak \leq 500 ppm	SIP 8-25-401.2 & 8-25-403	P/Q P/D	Measure leaks Visual Inspection	Continuous	
	SIP 8-25-304.1	Y		Pump or compressor repaired within 5 years or next scheduled turnaround	SIP 8-25-401.1 & 8-25-402	P/7 days	Measure leaks Inspection Plan	Continuous	
	SIP 8-25-304.2	Y		Awaiting repaired valves < 1.0%	SIP 8-25-401.1 & 8-25-402	P/7 days	Measure leaks Inspection Plan	Continuous	
POC	SIP 8-25-305	Y		New or replaced pump and compressor leak \leq 500 ppm for 4 consecutive quarters	SIP 8-25-401.2 & 8-25-403	P/Q P/D	Measure leaks Visual Inspection	Continuous	
	SIP 8-25-306	Y		Repeat pump, compressor leak must meet SIP BAAQMD 8-25-304 & 8-25-305	SIP 8-25-401.2 & 8-25-403	P/Q P/D	Measure leaks Visual Inspection	Continuous	
POC	40 CFR 63.11089	Y	1/10/2011	Liquid/Vapor	40 CFR 63.11089	P/M	Inspection Recordkeeping	Continuous	



February 8, 2024

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale St, Suite 600
San Francisco, CA 94105

Electronic Submittal

Subject: 10-Day Notice of Non-compliance Report & 30-Day Follow-up Report for Tank CC-22 at SFPP, L.P. Concord Station (Facility #A4022) – 1550 Solano Way, Concord, California

Dear Director of Compliance and Enforcement:

In accordance with Condition I. F. of the Title V Operating Permit, SFPP, L.P. ("SFPP") is providing this 10-Day non-compliance report to the Bay Area Air Quality Management District ("BAAQMD") for tank CC-22 at SFPP Concord Station. This letter also serves as a 30-day follow-up report.

A 10 year seal inspection was performed on Tank CC-22 on February 1, 2024. The required 30 day for the performance of the seal inspection was not submitted in time. The notification was submitted on January 25, 2024. The notification was missed due to personnel changes.

If you have any questions, please contact me at (503) 286-4839 or Donny_Homer@kindermorgan.com.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Donny Homer', is written over a horizontal line.

Donny Homer
Sr EHS Compliance Specialist
for SFPP, L.P.



January 31, 2024

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale St, Suite 600
San Francisco, CA 94105

Electronic Submittal

Subject: 10-Day Follow-up Report for Tank CC9 at SFPP, L.P. Concord Terminal (Facility #A4022) – 1550 Solano Way, Concord, California - NOV A63156

Dear Director of Compliance and Enforcement:

In accordance with Condition I. F. of the Title V Operating Permit, SFPP, L.P. ("SFPP") is providing this 10-Day follow-up report to the Bay Area Air Quality Management District ("BAAQMD") for tank CC9 at SFPP Concord Terminal.

At around 11:00 AM, January 25, 2024, during a District tank inspection, the inspector found a gap in excess of ½ inch for a column seal (vapor line). Repairs were initiated at about 3:30 PM, January 25, 2024, and completed by about 4:30 PM the same day. The vapor line gasket was replaced and reinspected (see attached tank inspection form).

The tank is an external floating roof tank, and permitted as a multi-product tank. The tank was in gasoline service when the incident occurred.

If you have any questions, please contact me at (503) 286-4839 or Donny_Homer@kindermorgan.com.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Donny Homer', is written over a light blue horizontal line.

Donny Homer
Sr EHS Specialist
for SFPP, L.P.

cc: Ryan Butler; Rachael Hoffstadt; Nina McAfee, SFPP, L.P.
EPA Region 9 (via email)

Attachment A
NOV A63156



BAY AREA AIR QUALITY MANAGEMENT DISTRICT
 375 Beale Street, Suite 600, San Francisco, CA 94105
 (415) 749-5000

NOTICE OF VIOLATION

No. A 63156

ISSUED TO: SFPP, LP P G N# A4022
 ADDRESS: 1550 Sotano Way
 CITY: Concord STATE: CA ZIP: 94520
 PHONE: (520) 663-4222
 N# Mailing Address on F61

OCCURRENCE
 NAME: _____
 ADDRESS: _____ Same As Above
 CITY: _____ ZIP: _____
 SOURCE: S# 6 NAME: External Flashing Roof Storage Tank CC-9
 EMISSION PT: P# _____ NAME: _____
 DATE: 1/25/24 TIME: 1100 HRS

<input type="checkbox"/> REG 2 RULE 1 SEC 301 No Authority to Construct	<input type="checkbox"/> REG 2 RULE 1 SEC 302 No Permit to Operate
<input type="checkbox"/> REG 1 SEC 301 H & S CODE - 41700 Public Nuisance	<input type="checkbox"/> REG 2 RULE SEC 307 Failure to Meet Permit Condition
<input type="checkbox"/> REG 5 SEC 301 Prohibited Open Burning	<input type="checkbox"/> REG 6 RULE 1 SEC 301 Excessive Visible Emissions
<input checked="" type="checkbox"/> REG <u>8</u> RULE <u>5</u> SECTION <u>320.4.3</u> CODE _____	
<input type="checkbox"/> REG _____ RULE _____ SECTION _____ CODE _____	

Details: > 1/2" gap at vapor line

RECIPIENT NAME: DAVID BROWN (owner)
 TITLE: 17th Manager

SIGNING THIS NOTICE IS NOT AN ADMISSION OF GUILT

→ WITHIN 10 DAYS, RETURN A COPY OF THIS NOTICE WITH A WRITTEN DESCRIPTION OF THE IMMEDIATE CORRECTIVE ACTION YOU HAVE TAKEN TO PREVENT CONTINUED OR RECURRENT VIOLATION. **THIS VIOLATION IS SUBJECT TO SUBSTANTIAL PENALTY.** YOUR RESPONSE DOES NOT PRECLUDE FURTHER LEGAL ACTION.

ISSUED BY: Kevin Cordes INSP # 861
 DATE: 1/25/24 TIME: 1236 HRS MAILED

PLEASE PRESS HARD

Continued On Reverse

INSTRUCTIONS

PERMIT VIOLATIONS - (REG 2, RULE 1, SECTION 301 AND/OR 302)

Within 30 days, a permit application must be submitted to the District's Permit Division. The permit application must reference the Violation Notice Number Shown on the front of this notice. If either the Violation Notice Number is not referenced or no permit application is received, then this matter will be referred to the District's Legal Department for legal action. Your response does not preclude further legal action.

If there are any questions regarding the submission of a Permit Application, call the Permit Services Division at (415) 749-4990.

ALL OTHER VIOLATIONS

Within 10 days, return a copy of this notice with a written description of the corrective action you have taken to prevent continued or recurrent violation. Immediate corrective action must be taken to stop the violation. This violation is subject to substantial penalty. Your response does not preclude further legal action.

A variance should be sought if it is necessary to continue to operate in violation of District Regulations. For information on eligibility for, or filing of, a variance, call (415) 749-5073.

Compliance@saagmd.gov

Attachment B
Tank Inspection Report



REGULATION 8-5

BAAQMD Source #	6
Company Tank #	CC-9

EXTERNAL FLOATING ROOF TANK INSPECTION FORM

Company	Kinder Morgan Energy Partners	BAAQMD Plant #	4022
Address	1550 Solano Way	City	Concord
Contact's Name / Title	John Roca Area Manager	Zip	94520
Inspectors Name and #	Cristian Rivera 562-997-3087	Inspection Date & Time	1/25/2024 15:30
Compliance Status:	<input checked="" type="checkbox"/> In compliance <input type="checkbox"/> violation	NOV #	NTC #
Date of Report	1/25/2024		

Tank Inspection and Operations Summary Data

Tank Construction	<input checked="" type="checkbox"/> Welded <input type="checkbox"/> Riveted <input type="checkbox"/> Inbo	Secondary Seal Install Date	Unknown
Seal Inspected	<input checked="" type="checkbox"/> Primary <input checked="" type="checkbox"/> Secondary	Secondary Seal Inspection Type	<input checked="" type="checkbox"/> zero <input type="checkbox"/> Reg
Tank Product	Gasoline	Product psia (must be >0.5 psia):	
Product Temperature	No temperature gauge	Product Level at Inspection?	32'-06"
Tank Diameter	86'-06"	Tank Circumference (Calculated):	270.04'

For each of the following, mark "Yes", "No", "N/A" in the space provided

Storage Records in comp?	Yes	Leg Stands / socks in compliance?	Yes
Meets Permit Conditions?	Yes	All roof openings gasketed?	Yes
P/V Vents <500? List ppm	N/A	OVA Properly Calibrated? (Date)	N/A
Roof Drain Works Properly?	Yes	Emergency Drain >90% covered?	N/A
No product on seals or roof?	No	All tank fittings in compliance?	Yes

Check boxes for each gauge well requirement met. (All boxes in any one group must be checked) (8-5-320)

<input checked="" type="checkbox"/> Solid Gauge Well	<input type="checkbox"/> Slotted Gauge Well (Group A)	<input type="checkbox"/> Slotted Gauge Well (Group B)
<input checked="" type="checkbox"/> Well projects below surface	<input type="checkbox"/> Sliding Cover <input type="checkbox"/> Pole Sleeve	<input type="checkbox"/> Well Gasket
<input checked="" type="checkbox"/> Well cover with no gap >1/8"	<input type="checkbox"/> Cover Gasket <input type="checkbox"/> Pole Wiper	<input type="checkbox"/> Zero Gap wiper seal
<input checked="" type="checkbox"/> No well to tank gaps >1/2"	<input type="checkbox"/> Internal Float with Wiper	<input type="checkbox"/> Pole Sleeve projecting into liquid

Secondary Seal Inspection Results (Seals installed after September 4th 1985 are zero gap)

Length of >.02" Gaps	Length of >.06" Gaps	Length of >1/8" Gaps	Length of >1/2" Gaps	Secondary seal in compliance? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	6"	0	0	
Total (ft)	0	Total (ft)	0.5	

Primary Seal Inspection Results

Length of >1/8" Gaps	Length of >1/2" Gaps	Length of >1-1/2" Gaps	Length of >2-1/2" Gaps	Primary seal in compliance? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
18	0	0	0	
21				
Total (ft)	3.25	Total (ft)	0	

INSPECTORS COMMENTS:

Beacon entered tank CC-09 at approximately 15:30 pm. Removed and replaced vapor line gasket. Installed secondary stiffner to close a 0.06 x 6 inch gap. All repairs completed by 16:30 pm. Primary and secondary seal inspection performed after repairs, tank is in compliance at this time.

Signature of Facility Contact: *Rachael Hoffstadt* Date 1/31/24



February 22, 2024

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale St, Suite 600
San Francisco, CA 94105

Electronic Submittal

Subject: 30-Day Follow-up Report for Tank CC9 at SFPP, L.P. Concord Terminal (Facility #A4022) – 1550 Solano Way, Concord, California - NOV A63156

Dear Director of Compliance and Enforcement:

SFPP, L.P. ("SFPP") is providing this 30-Day follow-up report to the Bay Area Air Quality Management District ("BAAQMD") for tank CC-9 at SFPP Concord Terminal. This also serves as the non-compliance report per GD GACT (40 CFR 60.115b (3) and (4)) requirements.

At around 11:00 AM, January 25, 2024, during a District tank inspection, the inspector found a gap in excess of ½ inch for a column seal (vapor line). Repairs were initiated at about 3:30 PM, January 25, 2024, and completed by about 4:30 PM the same day. The vapor line gasket was replaced and reinspected (see attached tank inspection form).

The tank is an external floating roof tank, and permitted as a multi-product tank. The tank was in gasoline service when the incident occurred.

The potential excess emissions are estimated to be 15.25 pounds of VOC. Detailed assumptions and calculations are included in an attachment. The tank was last visually inspected on October 11, 2023, and no issues were found at that time. The possible excess emission period could range from one day to 106 days.

If you have any questions, please contact me at (503) 286-4839 or Donny_Homer@kindermorgan.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Donny Homer".

Donny Homer
Sr EHS Specialist
for SFPP, L.P.

cc: Ryan Butler; Rachael Hoffstadt; Nina McAfee, SFPP, L.P.
EPA Region 9 (via email)

Attachment A
NOV A63156



BAY AREA AIR QUALITY MANAGEMENT DISTRICT
 375 Beale Street, Suite 600, San Francisco, CA 94105
 (415) 749-5000

NOTICE OF VIOLATION

No. A 63156

ISSUED TO: SFPP, LP P G N# A4022
 ADDRESS: 1550 Sotano Way
 CITY: Concord STATE: CA ZIP: 94520
 PHONE: (520) 663-4222
 N# Mailing Address on F61

OCCURRENCE
 NAME: _____
 ADDRESS: _____ Same As Above
 CITY: _____ ZIP: _____
 SOURCE: S# 6 NAME: External Flashing Roof Storage Tank CC-9
 EMISSION PT: P# _____ NAME: _____
 DATE: 1/25/24 TIME: 1100 HRS

<input type="checkbox"/> REG 2 RULE 1 SEC 301 No Authority to Construct	<input type="checkbox"/> REG 2 RULE 1 SEC 302 No Permit to Operate
<input type="checkbox"/> REG 1 SEC 301 H & S CODE - 41700 Public Nuisance	<input type="checkbox"/> REG 2 RULE SEC 307 Failure to Meet Permit Condition
<input type="checkbox"/> REG 5 SEC 301 Prohibited Open Burning	<input type="checkbox"/> REG 6 RULE 1 SEC 301 Excessive Visible Emissions
<input checked="" type="checkbox"/> REG <u>8</u> RULE <u>5</u> SECTION <u>320.4.3</u> CODE _____	
<input type="checkbox"/> REG _____ RULE _____ SECTION _____ CODE _____	

Details: > 1/2" gap at vapor line

RECIPIENT NAME: DAVID BROWN (owner)
 TITLE: Area Manager

SIGNING THIS NOTICE IS NOT AN ADMISSION OF GUILT

→ WITHIN 10 DAYS, RETURN A COPY OF THIS NOTICE WITH A WRITTEN DESCRIPTION OF THE IMMEDIATE CORRECTIVE ACTION YOU HAVE TAKEN TO PREVENT CONTINUED OR RECURRENT VIOLATION. **THIS VIOLATION IS SUBJECT TO SUBSTANTIAL PENALTY.** YOUR RESPONSE DOES NOT PRECLUDE FURTHER LEGAL ACTION.

ISSUED BY: Kevin Cordes INSP # 861
 DATE: 1/25/24 TIME: 1236 HRS MAILED

PLEASE PRESS HARD

Continued On Reverse

INSTRUCTIONS

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If there are any questions regarding the submission of a Permit Application, call the Permit Services Division at (415) 749-4990.

ALL OTHER VIOLATIONS

Within 10 days, return a copy of this notice with a written description of the corrective action you have taken to prevent continued or recurrent violation. Immediate corrective action must be taken to stop the violation. This violation is subject to substantial penalty. Your response does not preclude further legal action.

A variance should be sought if it is necessary to continue to operate in violation of District Regulations. For information on eligibility for, or filing of, a variance, call (415) 749-5073.

Compliance@saagmd.gov

Attachment B
Tank Inspection Report



REGULATION 8-5

BAAQMD Source #	6
Company Tank #	CC-9

EXTERNAL FLOATING ROOF TANK INSPECTION FORM

Company	Kinder Morgan Energy Partners	BAAQMD Plant #	4022
Address	1550 Solano Way	City	Concord
Contact's Name / Title	John Roca Area Manager	Zip	94520
Inspectors Name and #	Cristian Rivera 562-997-3087	Inspection Date & Time	1/25/2024 15:30
Compliance Status:	<input checked="" type="checkbox"/> In compliance <input type="checkbox"/> violation	NOV #	NTC #
Date of Report	1/25/2024		

Tank Inspection and Operations Summary Data

Tank Construction	<input checked="" type="checkbox"/> Welded <input type="checkbox"/> Riveted <input type="checkbox"/> Inbo	Secondary Seal Install Date	Unknown
Seal Inspected	<input checked="" type="checkbox"/> Primary <input checked="" type="checkbox"/> Secondary	Secondary Seal Inspection Type	<input checked="" type="checkbox"/> zero <input type="checkbox"/> Reg
Tank Product	Gasoline	Product psia (must be >0.5 psia):	
Product Temperature	No temperature gauge	Product Level at Inspection?	32'-06"
Tank Diameter	86'-06"	Tank Circumference (Calculated):	270.04'

For each of the following, mark "Yes", "No", "N/A" in the space provided

Storage Records in comp?	Yes	Leg Stands / socks in compliance?	Yes
Meets Permit Conditions?	Yes	All roof openings gasketed?	Yes
P/V Vents <500? List ppm	N/A	OVA Properly Calibrated? (Date)	N/A
Roof Drain Works Properly?	Yes	Emergency Drain >90% covered?	N/A
No product on seals or roof?	No	All tank fittings in compliance?	Yes

Check boxes for each gauge well requirement met. (All boxes in any one group must be checked) (8-5-320)

<input checked="" type="checkbox"/> Solid Gauge Well	<input type="checkbox"/> Slotted Gauge Well (Group A)	<input type="checkbox"/> Slotted Gauge Well (Group B)
<input checked="" type="checkbox"/> Well projects below surface	<input type="checkbox"/> Sliding Cover <input type="checkbox"/> Pole Sleeve	<input type="checkbox"/> Well Gasket
<input checked="" type="checkbox"/> Well cover with no gap >1/8"	<input type="checkbox"/> Cover Gasket <input type="checkbox"/> Pole Wiper	<input type="checkbox"/> Zero Gap wiper seal
<input checked="" type="checkbox"/> No well to tank gaps >1/2"	<input type="checkbox"/> Internal Float with Wiper	<input type="checkbox"/> Pole Sleeve projecting into liquid

Secondary Seal Inspection Results (Seals installed after September 4th 1985 are zero gap)

Length of >.02" Gaps	Length of >.06" Gaps	Length of >1/8" Gaps	Length of >1/2" Gaps	Secondary seal in compliance? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	6"	0	0	
Total (ft)	0	Total (ft)	0.5	

Primary Seal Inspection Results

Length of >1/8" Gaps	Length of >1/2" Gaps	Length of >1-1/2" Gaps	Length of >2-1/2" Gaps	Primary seal in compliance? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
18	0	0	0	
21				
Total (ft)	3.25	Total (ft)	0	

INSPECTORS COMMENTS:
 Beacon entered tank CC-09 at approximately 15:30 pm. Removed and replaced vapor line gasket. Installed secondary stiffner to close a 0.06 x 6 inch gap. All repairs completed by 16:30 pm. Primary and secondary seal inspection performed after repairs, tank is in compliance at this time.

Signature of Facility Contact: *Rachael Hoffstadt* Date 1/31/24

Attachment C
Emissions Calculations

Date of Finding	1/25/2024
Date of Previous Inspection	10/11/2023
Days between Inspections	106
Assumed days of excess seal gap (50%)	53
Annual surface emissions (per sq in)	17.25
Annual Deck Loss	11265.8
Annual Deck Loss w/ Stub Drain	11279.4
Total Excess Emission	13.5
Stub Drain (1 inch) area (sq in)	0.7854
Daily surface emissions (per sq in)	0.047
Allowable gap surface area (sq in)	5.6941
Area Seal (7.5 inch diameter)	44.1786
Area Column (7 in diameter)	38.4845
Surface Gap (assuming 0.25 in gap)	11.7810
Area Seal (8 inch diameter)	50.2655
Area Column (7 in diameter)	38.4845
Excess Gap (sq in)	6.0868
Daily Excess Emission (lb)	0.288
Excess Emission (Daily Emission x 53 Days)	15.25