

# Bay Area Air Quality Management District

375 Beale Street, Suite 600  
San Francisco, CA 94105  
(415) 771-6000

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**Final**

## MAJOR FACILITY REVIEW PERMIT

**Issued To:**  
**SFPP, LP**  
**Facility #A4022**

**Facility Address:**  
1550 Solano Way  
Concord, CA 94520

**Mailing Address:**  
1100 Town & Country Road  
Orange, CA 92868

**Responsible Official**

D. Scott Manley, Director of Operations  
707-438-2102

**Facility Contact**

Peter Murphy, Area Manager  
925-682-0764

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**Type of Facility:** Bulk Terminal  
**Primary SIC:** 4226  
**Product:** Bulk storage & terminal for  
refined petroleum products

BAAQMD Engineering  
Division Contact: Xuna Cai

**ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Signed Jaime A. Williams  
Jaime A. Williams, Director of Engineering

June 16, 2017  
Date

## TABLE OF CONTENTS

I.	STANDARD CONDITIONS .....	3
II.	EQUIPMENT .....	7
III.	GENERALLY APPLICABLE REQUIREMENTS.....	14
IV.	SOURCE-SPECIFIC APPLICABLE REQUIREMENTS.....	18
V.	SCHEDULE OF COMPLIANCE.....	79
VI.	PERMIT CONDITIONS.....	80
VII.	APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS.....	89
VIII.	TEST METHODS .....	158
IX.	PERMIT SHIELD.....	161
X.	REVISION HISTORY.....	161
XI.	GLOSSARY .....	164

## I. STANDARD CONDITIONS

### A. Administrative Requirements

The permit holder shall comply with all applicable requirements in the following regulations:

- BAAQMD Regulation 1 - General Provisions and Definitions  
(as amended by the District Board on 5/4/11);
- SIP Regulation 1 - General Provisions and Definitions  
(as approved by EPA through 6/28/99);
- BAAQMD Regulation 2, Rule 1 - Permits, General Requirements  
(as amended by the District Board on 12/19/12, effective 8/31/16);
- BAAQMD Regulation 2, Rule 2 - Permits, New Source Review  
(as amended by the District Board on 12/19/12, effective 8/31/16);
- BAAQMD Regulation 2, Rule 4 - Permits, Emissions Banking  
(as amended by the District Board on 12/19/12);
- SIP Regulation 2, Rule 4 - Permits, Emissions Banking  
(as approved by EPA through 1/26/99);
- BAAQMD Regulation 2, Rule 5 – New Source Review of Toxic Air Contaminants  
(as amended by the District Board on 12/07/16);
- BAAQMD Regulation 2, Rule 6 - Permits, Major Facility Review  
(as amended by the District Board on 4/16/03); and
- SIP Regulation 2, Rule 6 – Permits, Major Facility Review  
(as approved by EPA through 6/23/95).

### B. Conditions to Implement Regulation 2, Rule 6, Major Facility Review

1. This Major Facility Review Permit was issued on March 9, 2017, and expires on March 8, 2022. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than September 8, 2021, and no earlier than March 8, 2022. **If a complete application for renewal has not been submitted in accordance with this deadline, the facility may not operate after March 8, 2022.** If the permit renewal has not been issued by March 8, 2022, but a complete application for renewal has been submitted in accordance with the above deadlines, the existing permit will continue in force until the District takes final action on the renewal application. (Regulation 2-6-307, 404.2, 407, & 409.6; MOP Volume II, Part 3, §4.2)
2. The permit holder shall comply with all conditions of this permit. The permit consists of this document and all appendices. Any non-compliance with the terms and conditions of this permit will constitute a violation of the law and will be grounds for enforcement action; permit termination, revocation and re-issuance, or modification; or denial of a permit renewal application. (Regulation 2-6-307; MOP Volume II, Part 3, §4.11)
3. In the event any enforcement action is brought as a result of a violation of any term or condition of this permit, the fact that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with such term or condition shall not be a defense to such enforcement action. (MOP Volume II, Part 3, §4.11)
4. This permit may be modified, revoked, reopened and reissued, or terminated for cause. (Regulation 2-6-307, 409.8, 415; MOP Volume II, Part 3, §4.11)

## **I. Standard Conditions**

5. The filing of a request by the facility for a permit modification, revocation and re-issuance, or termination, or the filing of a notification of planned changes or anticipated non-compliance does not stay the applicability of any permit condition. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
6. This permit does not convey any property rights of any sort, or any exclusive privilege. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
7. The permit holder shall supply within 30 days any information that the District requests in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. (Regulation 1-441, Regulation 2-6-409.4 & 501; MOP Volume II, Part 3, §4.11)
8. Any records required to be maintained pursuant to this permit which the permittee considers to contain proprietary or trade secret information shall be prominently designated as such. Copies of any such proprietary or trade secret information which are provided to the District shall be maintained by the District in a locked confidential file, provided, however, that requests from the public for the review of any such information shall be handled in accordance with the District's procedures set forth in Section 11 of the District's Administrative Code. (Regulation 2-6-419; MOP Volume II, Part 3, §4.11)
9. Proprietary or trade secret information provided to EPA will be subject to the requirements of 40 CFR Part 2, Subpart B - Public Information, Confidentiality of Business Information. (40 CFR Part 2)
10. The emissions inventory submitted with the application for this Major Facility Review Permit is an estimate of actual emissions or the potential to emit for the time period stated and is included only as one means of determining applicable requirements for emission sources. It does not establish, or constitute a basis for establishing, any new emission limitations. (MOP Volume II, Part 3, §4.11)
11. The responsible official shall certify all documents submitted by the facility pursuant to the major facility review permit. The certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. The certifications shall be signed by a responsible official for the facility. (Regulation 2-6-409.20, MOP Volume II, Part 3, §4.11)
12. The permit holder is responsible for compliance, and certification of compliance, with all conditions of the permit, regardless of whether it acts through employees, agents, contractors, or subcontractors. (Regulation 2-6-307)

### **C. Requirement to Pay Fees**

The permit holder shall pay annual fees in accordance with District Regulation 3, including Schedule P. (Regulation 2-6-402 & 409.13, Regulation 3; MOP Volume II, Part 3, §4.12)

### **D. Inspection and Entry**

Access to Facility: The permit holder shall provide reasonable access to the facility and equipment which is subject to this permit to the APCO and/or to his or her designee. (Regulation 1-440, Regulation 2-6-409.3; MOP Volume II, Part 3, §4.14)

### **E. Records**

1. The permit holder must provide any information, records, and reports requested or specified by the APCO. (Regulation 1-441, Regulation 2-6-409.4)

## I. Standard Conditions

2. Notwithstanding the specific wording in any requirement, all records for federally enforceable requirements shall be maintained for at least five years from the date of creation of the record. (Regulation 2-6-501, MOP Volume II, Part 3, §4.7)

### F. Monitoring Reports

Reports of all required monitoring must be submitted to the District at least once every six months, except where an applicable requirement specifies more frequent reporting. The reports shall be for the following periods: May 1st through October 31st and November 1st through April 30<sup>th</sup>, and are due on the last day of the month after the end of the reporting period. All instances of non-compliance shall be clearly identified in these reports. The reports shall be certified by the responsible official as true, accurate, and complete. In addition, all instances of non-compliance with the permit shall be reported in writing to the District's Compliance and Enforcement Division within 10 calendar days of the discovery of the incident. Within 30 calendar days of the discovery of any incident of non-compliance, the facility shall submit a written report including the probable cause of non-compliance and any corrective or preventative actions. The reports shall be sent by e-mail to [compliance@baaqmd.gov](mailto:compliance@baaqmd.gov) or by postal mail to the following address:

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

(Regulation 2-6-502, MOP Volume II, Part 3, §4.7)

### G. Compliance Certification

Compliance certifications shall be submitted annually by the responsible official of this facility to the Bay Area Air Quality Management District and to the Environmental Protection Agency. The certification period will be November 1st through October 31<sup>st</sup>. The certification shall be submitted by November 30<sup>th</sup> of each year. The certification must list each applicable requirement, the compliance status, whether compliance was continuous or intermittent, the method used to determine compliance, and any other specific information required by the permit. The certification should be directed to the District's Compliance and Enforcement Division at the address above, and a copy of the certification shall be sent by e-mail to [r9.aeo@epa.gov](mailto:r9.aeo@epa.gov) or postal mail to the Environmental Protection Agency at the following address:

Director  
Enforcement Division, TRI & Air Section (ENF-2-1)  
USEPA, Region 9  
75 Hawthorne Street  
San Francisco, CA 94105

(MOP Volume II, Part 3, §4.5 and 4.15)

## **I. Standard Conditions**

### **H. Emergency Provisions**

1. The permit holder may seek relief from enforcement action in the event of a breakdown, as defined by Regulation 1-208 of the District's Rules and Regulations, by following the procedures contained in Regulations 1-431 and 1-432. The District will thereafter determine whether breakdown relief will be granted in accordance with Regulation 1-433. (MOP Volume II, Part 3, §4.8)
2. The permit holder may seek relief from enforcement action for a violation of any of the terms and conditions of this permit by applying to the District's Hearing Board for a variance pursuant to Health and Safety Code Section 42350. The Hearing Board will determine after notice and hearing whether variance relief should be granted in accordance with the procedures and standards set forth in Health and Safety Code Section 42350 et seq. (MOP Volume II, Part 3, §4.8)
3. The granting by the District of breakdown relief or the issuance by the Hearing Board of a variance will not provide relief from federal enforcement unless the Major Facility Review Permit has been modified pursuant to Regulation 2, Rule 6. (MOP Volume II, Part 3, §4.8)

### **I. Severability**

In the event that any provision of this permit is invalidated by a court or tribunal of competent jurisdiction, or by the Administrator of the EPA, all remaining portions of the permit shall remain in full force and effect. (Regulation 2-6-409.5; MOP Volume II, Part 3, §4.10)

### **J. Miscellaneous Conditions**

1. The maximum capacity for each source as shown in Table II-A is the maximum allowable capacity. Exceedance of the maximum allowable capacity for any source is a violation of Regulation 2, Rule 1, Section 301. (Regulation 2-1-301)
2. In Table II-A for each source identified as a grandfathered source, the throughput limits as shown in Table II-A are based upon District records at the time of the MFR permit issuance. These throughput limits function as reporting thresholds only and exceedance of any of these limits does not constitute noncompliance with the MFR permit. As such, exceedance of a grandfathered limit is not subject to Section I.F reporting requirements. Exceedance of a grandfathered limit does not establish a presumption that a modification has occurred, nor does compliance with the limit establish a presumption that a modification has not occurred. The facility must report any exceedance of these limits in the form of a permit application within 30 days of discovery to facilitate the determination of whether a modification has occurred. The applications shall be sent to the following address: (Regulation 2-1-234.1.2).

Air Quality Engineering Manager  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105  
Attn: Permit Evaluation Section, Title V Reports

### **K. Accidental Release**

This facility is subject to 40 CFR Part 68, Chemical Accident Prevention Provisions. The permit holder shall submit a risk management plan (RMP) by the date specified in §68.10. The permit holder shall also certify compliance with the requirements of Part 68 as part of the annual compliance certification, as required by Regulation 2, Rule 6. (40 CFR Part 68, Regulation 2, Rule 6)

## II. EQUIPMENT

**Table II A - Permitted Sources**

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S#	Description	Make or Type	Model	Capacity	Grandfathered Limit, or Firm Limit and Basis
1	Storage Tank CC-04 (Hydrocarbon)	CWI/USS Corp., External floating roof (Double deck)		126K gallon Throughput Limit Condition 5531	Firm Limit Application 6446
2	Storage Tank CC-05 (Hydrocarbon)	CWI/USS Corp., External floating roof (Double deck)		126K gallon Throughput Limit Condition 5531	Firm Limit Application 6446
3	Storage Tank CC-06 (Gasoline)	Chicago Bridge & Iron Company, External floating roof (Pontoon type)		755K gallon Throughput Limit Condition 13143	Grandfathered Limit
4	Storage Tank CC-07 (Jet fuel JP4 & JP8)	Chicago Bridge & Iron Company, External floating roof (Pontoon type)		1627K gallon Throughput Limit Condition 26352	Grandfathered Limit
5	Storage Tank CC-08 (Multi-liquid)	Pittsburgh-Des Moines Steel Company, External floating roof (Pontoon type)		1483K gallon Throughput Limit Condition 13143	Firm Limit Application 14485
6	Storage Tank CC-09 (Multi-liquid)	Pittsburgh-Des Moines Steel Company, External floating roof (Pontoon type)		2121K gallon Throughput Limit Condition 13143	Firm Limit Application 14485

## II. Equipment

**Table II A - Permitted Sources**

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S#	Description	Make or Type	Model	Capacity	Grandfathered Limit, or Firm Limit and Basis
7	Storage Tank CC-10 (Multi-liquid)	Pittsburgh-Des Moines Steel Company, External floating roof (Pontoon type)		2121K gallon Throughput Limit Condition 13143	Firm Limit Application 14485
8	Storage Tank CC-11 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		2310K gallon Throughput Limit Condition 13143	Firm Limit Application 14485
9	Storage Tank CC-12 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		2310K gallon Throughput Limit Condition 13143	Firm Limit Application 14485 (1995)
10	Storage Tank CC-13 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		2265K gallon Throughput Limit Condition 13143	Firm Limit Application 14485 (1995)
11	Storage Tank CC-14 (Multi-liquid)	General American Transportation Corporation, Internal floating roof (Cone roof floating pan)		2209K gallon Throughput Limit Condition 13143	Firm Limit Application 14485 (1995)
12	Storage Tank CC-15 (Multi-liquid)	Pittsburgh-Des Moines Steel Company, Internal floating roof (Cone roof floating pan)		2310K gallon Throughput Limit Condition 13143	Firm Limit Application 14485 (1995)

## II. Equipment

**Table II A - Permitted Sources**

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S#	Description	Make or Type	Model	Capacity	Grandfathered Limit, or Firm Limit and Basis
13	Storage Tank CC-16 (Multi-liquid)	Pittsburgh-Des Moines Steel Company, Internal floating roof (Cone roof floating pan)		2227K gallon Throughput Limit Condition 13143	Grandfathered Limit
14	Storage Tank CC-17 (Distillate oil)	Pittsburgh-Des Moines Steel Company, Internal floating roof (Cone roof floating pan)		1750K gallon Throughput Limit Condition 26353	Grandfathered Limit
18	Storage Tank CC-18	BMT, Internal floating roof (Cone roof floating pan)		2195K gallon Throughput Limit Condition 13143	Grandfathered Limit
19	Storage Tank CC-19 (Multi-liquid)	BMT, Internal floating roof (Cone roof floating pan)		3146K gallon Throughput Limit Condition 13143	Grandfathered Limit
20	Storage Tank CC-20 (Multi-liquid)	BMT, Internal floating roof (Cone roof floating pan)		3161K gallon Throughput Limit Condition 13143	Grandfathered Limit
21	Storage Tank CC-21 (Multi-liquid)	BMT, Internal floating roof (Cone roof floating pan)		2192K gallon Throughput Limit Condition 13143	Grandfathered Limit

## II. Equipment

**Table II A - Permitted Sources**

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S#	Description	Make or Type	Model	Capacity	Grandfathered Limit, or Firm Limit and Basis
22	Storage Tank CC-22 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		2356K gallon Throughput Limit Condition 13143	Grandfathered Limit
23	Storage Tank CC-23 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		3157K gallon Throughput Limit Condition 13143	Grandfathered Limit
24	Storage Tank CC-24 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		2350K gallon Throughput Limit Condition 13143	Grandfathered Limit
25	Storage Tank CC-25 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		2356K gallon Throughput Limit Condition 13143	Grandfathered Limit
26	Storage Tank CC-26 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		3179K gallon Throughput Limit Condition 13143	Grandfathered Limit
28	Additive Storage Tank CCA-2 (Isopropyl alcohol)	Fixed cone roof		7K gallon Throughput Limit Condition 26348	Grandfathered Limit; Application 4705 (1990)

## II. Equipment

**Table II A - Permitted Sources**

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S#	Description	Make or Type	Model	Capacity	Grandfathered Limit, or Firm Limit and Basis
31	Emergency Standby Diesel Fire Pump	Caterpillar	3306	266 hp Operating Limit Condition 24924	Firm Limit Application 23082
40	Pipeline Surge System (5 Surge vessels) (Multi-liquid)	Cylindrical		Three vessels: 4884 gallon (each vessel); D9: 900 gallon; and D15: 6000 gallon Operating Limit Condition 15574	NSR Application 17378
47	Oil-water separator #1	Carbonair	COW 15F	15 gpm Throughput Limit Condition 21509	NSR Application 9577
48	Oil-water separator #2	Carbonair	COW 50F	50 gpm Throughput Limit Condition 21509	NSR Application 9577
49	Oil-Water Separator	Enquip	M-2.5-18	100 gpm Throughput Limit Condition 25392	NSR Application 24742
50	Oil-Water Separator	HydroFlo Technologies	TS-064-S	75 gpm Throughput Limit Condition 26112	NSR Application 27155

## II. Equipment

**Table II A - Permitted Sources**

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S#	Description	Make or Type	Model	Capacity	Grandfathered Limit, or Firm Limit and Basis
1000	Sump Tank D-3 (Multi-liquid) (Stockton Line)	Underground		5.88K gallon Throughput Limit Condition 15859	NSR Application 18512
1002	Sump Tank D-10 (Multi-liquid) (Sacramento Line)	Underground		5.88K gallon Throughput Limit Condition 15859	NSR Application 18512

**Table II B - Abatement Devices**

A#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
1	Vapor Burner/VRU, 36 MMBTU/hr maximum	S3, S5, S6, S7, S8, S9, S10, S11, S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26, S40	BAAQMD Condition ID #13143, part 1, and Condition ID #15574, part 2	Temperature >1200 degree Fahrenheit, and residence time of 0.5 second	99.8% by weight or more
7	Vapor phase granular activated carbon, US Filter, VSC 200, 200 lb carbon, 100 cfm	S47, S48	Condition ID# 21509, part 3		Carbon breakthrough
8	Vapor phase granular activated carbon, US Filter, VSC 200, 200 lb carbon, 100 cfm	S47, S48	Condition ID# 21509, part 3		Carbon breakthrough

## II. Equipment

**Table II B - Abatement Devices**

<b>A#</b>	<b>Description</b>	<b>Source(s) Controlled</b>	<b>Applicable Requirement</b>	<b>Operating Parameters</b>	<b>Limit or Efficiency</b>
50	Carbon Adsorption System, Make Vent-Scrub, VSC 200, 200 lb carbon, 100 cfm	S50	Condition ID# 26112, Part 2		Carbon breakthrough

### III. GENERALLY APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP Rules and Regulations and other federal requirements cited below. These requirements apply in a general manner to the facility and/or to sources exempt from the requirement to obtain a District Permit to Operate. The District has determined that these requirements will not be violated under normal, routine operations, and that no additional periodic monitoring or reporting to demonstrate compliance is warranted. In cases where a requirement, in addition to being generally applicable, is also specifically applicable to one or more sources, the requirement and the source are also included in Section IV, Source-Specific Applicable Requirements, of this permit. This section also contains provisions that may apply to temporary sources.

The dates in parentheses in the Title column identify the versions of the regulations being cited and are, as applicable:

1. BAAQMD regulation(s): The date(s) of adoption or most recent amendment of the regulation by the District Board of Directors.
2. Any federal requirement, including a version of a District regulation that has been approved into the SIP: The most recent date of EPA approval of any portion of the rule, encompassing all actions on the rule through that date

The full language of the SIP requirement is on EPA Region 9’s website. The address is <http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions>.

**NOTE:**

There are differences between the current BAAQMD rule and the version of the rule in the SIP. All sources must comply with both versions of the rule until US EPA has reviewed and approved (or disapproved) the District’s revision of the regulation.

**Table III  
 Generally Applicable Requirements**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 1	General Provisions and Definitions (5/4/2011)	N
SIP Regulation 1	General Provisions and Definitions (6/28/1999)	Y
BAAQMD Regulation 2, Rule 1	General Requirements (12/19/2012, effective 8/31/2016)	Y
BAAQMD 2-1-429	Federal Emissions Statement (12/19/2012, effective 8/31/2016)	Y
BAAQMD Regulation 2, Rule 2	New Source Review (12/19/12, effective 8/31/2016)	Y
BAAQMD Regulation 2, Rule 4	Emissions Banking (12/19/2012)	N
SIP Regulation 2, Rule 4	Emissions Banking (01/26/1999)	Y

### III. Generally Applicable Requirements

**Table III  
 Generally Applicable Requirements**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>
BAAQMD Regulation 2, Rule 5	New Source Review of Toxic Air Contaminants (12/7/2016)	N
BAAQMD Regulation 2, Rule 6	Major Facility Review (04/16/2003)	N
SIP Regulation 2, Rule 6	Major Facility Review (06/23/1995)	Y
BAAQMD Regulation 4	Air Pollution Episode Plan (3/20/1991)	N
SIP Regulation 4	Air Pollution Episode Plan (8/06/1990)	Y
BAAQMD Regulation 5	Open Burning (6/19/2013)	N
SIP Regulation 5	Open Burning (9/4/1998)	Y
BAAQMD Regulation 6, Rule 1	Particulate Matter, General Requirements (12/5/2007)	N
SIP Regulation 6	Particulate Matter and Visible Emissions (9/4/1998)	Y
BAAQMD Regulation 7	Odorous Substances (3/17/1982)	N
BAAQMD Regulation 8, Rule 1	Organic Compounds - General Provisions (6/15/1994)	Y
BAAQMD Regulation 8, Rule 2	Organic Compounds – Miscellaneous Operations (7/20/2005)	N
SIP Regulation 8, Rule 2	Organic Compounds – Miscellaneous Operations (3/22/1995)	Y
BAAQMD Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (7/1/2009)	N
SIP Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (1/2/2004)	Y
BAAQMD Regulation 8, Rule 4	Organic Compounds - General Solvent and Surface Coating Operations (10/16/2002)	Y
BAAQMD Regulation 8, Rule 5	Organic Compounds – Equipment Leaks (10/18/2006)	N
SIP Regulation 8, Rule 5	Organic Compounds – Equipment Leaks (06/05/2003)	Y
BAAQMD Regulation 8, Rule 15	Organic Compounds – Emulsified and Liquid Asphalts (6/1/1994)	Y
BAAQMD Regulation 8, Rule 18	Organic Compounds - Equipment Leaks (12/16/2015)	N
SIP Regulation 8, Rule 18	Organic Compounds - Equipment Leaks (6/15/2003)	Y
SIP Regulation 8, Rule 25	Organic Compounds - Pump and Compressor Seals at Petroleum Refineries, Chemical plants, Bulk plants, and Bulk terminals (3/7/1995)	Y
BAAQMD Regulation 8 Rule 40	Aeration of Contaminated Soil and Removal of Underground Storage Tanks (6/15/2005)	N
SIP Regulation 8 Rule 40	Aeration of Contaminated Soil and Removal of Underground Storage Tanks (4/19/2001)	Y
BAAQMD Regulation 8, Rule 47	Organic Compounds - Air Stripping and Soil Vapor Extraction Operations (6/15/2005)	N

### III. Generally Applicable Requirements

**Table III  
 Generally Applicable Requirements**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>
SIP Regulation 8, Rule 47	Organic Compounds - Air Stripping and Soil Vapor Extraction Operations (4/26/1995)	Y
BAAQMD Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (12/20/1995)	N
SIP Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (3/22/1995)	Y
BAAQMD Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products (7/17/2002)	N
SIP Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products (2/26/2002)	Y
BAAQMD Regulation 9, Rule 1	Inorganic Gaseous Pollutants - Sulfur Dioxide (3/15/1995)	N
SIP Regulation 9, Rule 1	Inorganic Gaseous Pollutants - Sulfur Dioxide (6/8/1999)	Y
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing (10/7/1998)	Y
BAAQMD Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (7/11/1990)	N
SIP Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (9/2/1981)	Y
California Health and Safety Code Section 41750 et seq.	Portable Equipment	N
California Health and Safety Code Section 44300 et seq.	Air Toxics "Hot Spots" Information and Assessment Act of 1987	N
California Health and Safety Code Title 17, Section 93115	Airborne Toxic Control Measure for Stationary Compression Ignition Engines	N
California Health and Safety Code Title 17, Section 93116	Airborne Toxic Control Measure for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater	N
40 CFR Part 61, Subpart M	National Emission Standards for Hazardous Air Pollutants – National Emission Standard for Asbestos (6/19/1995)	Y
EPA Regulation 40 CFR 82	Protection of Stratospheric Ozone (4/13/2005)	Y
Subpart F, 40 CFR 82.156	Recycling and Emissions Reductions – Required Practices (4/13/2005)	Y

### III. Generally Applicable Requirements

**Table III**  
**Generally Applicable Requirements**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>
Subpart F, 40 CFR 82.161	Recycling and Emissions Reductions – Technician Certification (4/13/2005)	Y
Subpart F, 40 CFR 82.166	Recycling and Emissions Reductions – Reporting and Recordkeeping Requirements (4/13/2005)	Y
40 CFR 82 Subpart H	Protection of Stratospheric Ozone; Halon Emissions Reduction (03/05/1998)	Y

#### IV. SOURCE-SPECIFIC APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP Rules and Regulations and other federal requirements cited below. The requirements cited in the following tables apply in a specific manner to the indicated source(s). Any subsection or subparts of any requirement are included as part of the listed applicable requirement. If only certain subsections or subparts of the section are listed, then only those subsections listed are applicable.

The dates in parenthesis in the Title column identify the versions of the regulations being cited and are, as applicable:

1. BAAQMD regulation(s): The date(s) of adoption or most recent amendment of the regulation by the District Board
2. Any federal requirement, including a version of a District regulation that has been approved into the SIP: The most recent date of EPA approval of any portion of the rule, encompassing all actions on the rule through that date

The full text of each permit condition cited is included in Section VI, Permit Conditions, of this permit. The full language of the SIP requirements are posted on the EPA Region 9 website. The address is

<http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions>.

All other text may be found in the regulations themselves.

**Table IV - A**  
**Source-specific Applicable Requirements**  
**S1, S2 - STORAGE TANKS - EXTERNAL FLOATING ROOF**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (10/18/2006)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	N	
8-5-112	Limited Exemption, Tanks in Operation	N	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	N	
8-5-303	Requirements for pressure vacuum valves	N	
8-5-304	Requirements for external floating roofs	N	
8-5-304.1	Floating roof fittings requirements	N	
8-5-304.2	Primary seal requirements	N	

#### IV. Source-specific Applicable Requirements

**Table IV - A**  
**Source-specific Applicable Requirements**  
**S1, S2 - STORAGE TANKS - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-304.3	Secondary seal requirements	N	
8-5-304.4	Floating roof rest on liquid surface, properly installed, maintained, and in good operating condition. No liquid tank contents on the seals and on the roof	N	
8-5-304.5	Tank shell in good operating condition	N	
8-5-304.6	Limitation on tank operation	N	
8-5-304.6.1	Lids or other openings on the pontoon sealed within 48 hrs of discovery of liquid	N	
8-5-304.6.2	All pontoon leaks be repaired when tank is out of service	N	
8-5-320	Tank Fitting requirements	N	
8-5-320.2	Roof opening requirements	N	
8-5-320.3	Roof opening requirements	N	
8-5-320.4	Solid sampling or gauging wells requirements	N	
8-5-320.5	Slotted sampling or gauging wells requirements	N	
8-5-320.5.1	Well projection	N	
8-5-320.5.2	Well equipment requirements	N	
8-5-320.5.3	Gap measurements	N	
8-5-320.6	Emergency roof drain cover	N	
8-5-321	Primary Seal Requirements	N	
8-5-321.1	No openings such as holes etc.	N	
8-5-321.2	Seal liquid mounted	N	
8-5-321.4	Resilient-toroid-seal gap requirements	N	
8-5-322	Secondary Seal requirements	N	
8-5-322.1	No openings such as holes etc.	N	
8-5-322.2	Insertion access to measure gaps in primary seal	N	
8-5-322.3	Welded tank secondary seal gap requirements	N	
8-5-322.5	Welded tank gap allowed	N	
8-5-322.6	Secondary seal extension and not attached to primary seal	N	
8-5-328	Tank Degassing Requirements	N	
8-5-328.1	Degassing control requirements	N	
8-5-328.2	Ozone Excess Day Prohibition	N	
8-5-328.3	Tank degassing notification requirements	N	
8-5-331	Tank cleaning requirements	N	
8-5-331.1	Cleaning agents specifications	N	

#### IV. Source-specific Applicable Requirements

**Table IV - A**  
**Source-specific Applicable Requirements**  
**S1, S2 - STORAGE TANKS - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-331.2	Steam usage prohibition	N	
8-5-331.3	Steam usage limitations	N	
8-5-332	Sludge handling requirements	N	
8-5-332.1	Sludge container – no leakage	N	
8-5-332.2	Sludge container gap specifications	N	
8-5-401	Inspection requirements for External Floating Roof Tanks	N	
8-5-401.1	Primary and Secondary Seals Inspection twice per calendar year	N	
8-5-401.2	Tank fitting inspection twice per calendar year	N	
8-5-403	Inspection Requirements for Pressure Vacuum Valves	N	
8-5-403.1	Pressure vacuum valves – gas tight in section 8-5-303.	N	
8-5-404	Certification	N	
8-5-412	Monitoring of leaking pontoons	N	
8-5-501	Records	N	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	N	
8-5-501.2	Records of seal replacement for at least 10 years	N	
8-5-501.3	Retain all records, reports, etc.	N	
8-5-501.4	Retain pressure vacuum valves setpoint engineering data sheets	N	
8-5-502	Tank Degassing Annual Source Test Requirement	N	
<b>SIP Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (6/5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m <sup>3</sup> ; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-304	Requirements for external floating roofs	Y	
8-5-304.1	Floating roof fittings requirements	Y	
8-5-304.2	Primary seal requirements	Y	
8-5-304.3	Secondary seal requirements	Y	
8-5-304.4	Floating roof rest on liquid surface, properly installed, maintained, and in good operating condition. No liquid tank contents on the seals and on the roof	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - A**  
**Source-specific Applicable Requirements**  
**S1, S2 - STORAGE TANKS - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Roof opening requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-321.4	Resilient-toroid-seal gap requirements	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	
8-5-401	Inspection requirements for External Floating Roof Tanks	Y	
8-5-401.1	Primary and Secondary Seals Inspection twice per calendar year	Y	
8-5-401.2	Tank fitting inspection twice per calendar year	Y	
8-5-403	Inspection Requirements for Pressure Vacuum Valves	Y	
8-5-404	Certification	Y	
8-5-405	Information Required	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-501.2	Records of seal replacement for at least 10 years	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - A**  
**Source-specific Applicable Requirements**  
**S1, S2 - STORAGE TANKS - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>40 CFR 63 Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)</b>		
63.1	Applicability	Y	
63.2	Definitions	Y	
63.3	Units and abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.5	Construction and reconstruction	Y	
63.6	Compliance with standards and maintenance requirements	Y	
63.7	Performance testing requirements	Y	
63.8	Monitoring requirements	Y	
63.9	Notification requirements	Y	
63.10	Recordkeeping and reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of EPA Regional Offices	Y	
63.14	Incorporation by Reference	Y	
63.15	Availability of Information and confidentiality	Y	
<b>40 CFR 63 Subpart BBBBBB</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities (1/24/2011)</b>		
63.11080	Purpose of this subpart	Y	
63.11081(a)	Applicability requirements	Y	
63.11082	Parts of facility covered by this subpart	Y	
63.11083(b)	Compliance date	Y	
63.11087(a)	Table 1: Applicable emission limit and management practice	Y	
63.11087(b)	Date of compliance	Y	
63.11087(c)	Testing and Monitoring requirements	Y	
63.11087(d)	Notification requirements	Y	
63.11087(e)	Recordkeeping and Report submission requirements	Y	
63.11092(e) (2)	Inspection requirements for external floating roof system	Y	
63.11093	Notification requirements	Y	
63.11094(a)	Recordkeeping requirements	Y	
63.11095(a) (1)	Semiannual compliance and information report as applicable	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - A**  
**Source-specific Applicable Requirements**  
**S1, S2 - STORAGE TANKS - EXTERNAL FLOATING ROOF**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	Y	
63.11100	Definitions	Y	
<b>BAAQMD Condition #5531</b>			
part 1	Material throughput limit, yearly (basis: cumulative increase)	Y	
part 2	Record keeping requirement (basis: Regulation 2-6-501, Regulation 8-5-501)	Y	
part 3	Notification requirement (basis: Regulation 8-5-401)	Y	
part 4	Primary seal requirement (basis: Regulation 8-5-321.2)	Y	

**Table IV - B**  
**Source-specific Applicable Requirements**  
**S3, S5, S6, S7 - STORAGE TANK - EXTERNAL FLOATING ROOF**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 1</b>	<b>General Provisions and Definitions (5/4/2011)</b>		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	
1-523.1	Parametric monitor periods of inoperation	Y	
1-523.2	Limits on periods of inoperation	Y	
1-523.3	Reports of Violations	N	
1-523.4	Records	Y	
1-523.5	Maintenance and calibration	N	
<b>SIP Regulation 1</b>	<b>General Provisions and Definitions (6/28/99)</b>		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	
1-523.3	Reports of Violations	Y	
<b>BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (10/18/2006)</b>		

## IV. Source-specific Applicable Requirements

**Table IV - B**  
**Source-specific Applicable Requirements**  
**S3, S5, S6, S7 - STORAGE TANK - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-111	Limited Exemption, Tank Removal From and Return to Service	N	
8-5-112	Limited Exemption, Tanks in Operation	N	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	N	
8-5-303	Requirements for pressure vacuum valves	N	
8-5-304	Requirements for external floating roofs	N	
8-5-304.1	Floating roof fittings requirements	N	
8-5-304.2	Primary seal requirements	N	
8-5-304.3	Secondary seal requirements	N	
8-5-304.4	Floating roof rest on liquid surface, properly installed, maintained, and in good operating condition. No liquid tank contents on the seals and on the roof	N	
8-5-304.5	Tank shell in good operating condition	N	
8-5-304.6	Limitation on tank operation	N	
8-5-304.6.1	Lids or other openings on the pontoon sealed within 48 hrs of discovery of liquid	N	
8-5-304.6.2	All pontoon leaks be repaired when tank is out of service	N	
8-5-320	Tank Fitting requirements	N	
8-5-320.2	Roof opening requirements	N	
8-5-320.3	Roof opening requirements	N	
8-5-320.4	Solid sampling or gauging wells requirements	N	
8-5-320.5	Slotted sampling or gauging wells requirements	N	
8-5-320.5.1	Well projection	N	
8-5-320.5.2	Well equipment requirements	N	
8-5-320.5.3	Gap measurements	N	
8-5-320.6	Emergency roof drain cover	N	
8-5-321	Primary Seal Requirements	N	
8-5-321.1	No openings such as holes etc.	N	
8-5-321.2	Seal liquid mounted	N	
8-5-321.3	Metallic-shoe-seal requirements	N	
8-5-321.3.1	Geometry of the shoe	N	
8-5-321.3.2	Welded tank gap allowed	N	
8-5-322	Secondary Seal requirements	N	
8-5-322.1	No openings such as holes etc.	N	

## IV. Source-specific Applicable Requirements

**Table IV - B**  
**Source-specific Applicable Requirements**  
**S3, S5, S6, S7 - STORAGE TANK - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-322.2	Insertion access to measure gaps in primary seal	N	
8-5-322.3	Welded tank secondary seal gap requirements	N	
8-5-322.5	Welded tank gap allowed	N	
8-5-322.6	Secondary seal extension and not attached to primary seal	N	
8-5-328	Tank Degassing Requirements	N	
8-5-328.1	Degassing control requirements	N	
8-5-328.2	Ozone Excess Day Prohibition	N	
8-5-328.3	Tank degassing notification requirements	N	
8-5-331	Tank cleaning requirements	N	
8-5-331.1	Cleaning agent specifications	N	
8-5-331.2	Steam usage prohibition	N	
8-5-331.3	Steam usage limitations	N	
8-5-332	Sludge handling requirements	N	
8-5-332.1	Sludge container – no leakage	N	
8-5-332.2	Sludge container gap specifications	N	
8-5-401	Inspection requirements for External floating roof tanks	N	
8-5-401.1	Primary and Secondary Seals Inspection twice per calendar year	N	
8-5-401.2	Tank fitting inspection twice per calendar year	N	
8-5-403	Inspection Requirements for Pressure Vacuum Valves	N	
8-5-403.1	Pressure vacuum valves – gas tight in section 8-5-303.	N	
8-5-404	Certification	N	
8-5-412	Monitoring of leaking pontoons	N	
8-5-501	Records	N	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	N	
8-5-501.2	Records of seal replacement for at least 10 years	N	
8-5-501.3	Retain all records, reports, etc.	N	
8-5-501.4	Retain pressure vacuum valves setpoint engineering data sheets	N	
8-5-502	Tank Degassing Annual Source Test Requirement	N	
<b>SIP Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (6/5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - B**  
**Source-specific Applicable Requirements**  
**S3, S5, S6, S7 - STORAGE TANK - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-304	Requirements for external floating roofs	Y	
8-5-304.1	Floating roof fittings requirements	Y	
8-5-304.2	Primary seal requirements	Y	
8-5-304.3	Secondary seal requirements	Y	
8-5-304.4	Floating roof rest on liquid surface, properly installed, maintained, and in good operating condition. No liquid tank contents on the seals and on the roof	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Roof opening requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-321.3	Metallic-shoe-seal requirements	Y	
8-5-321.3.1	Geometry of the shoe	Y	
8-5-321.3.2	Welded tank gap allowed	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	

## IV. Source-specific Applicable Requirements

**Table IV - B**  
**Source-specific Applicable Requirements**  
**S3, S5, S6, S7 - STORAGE TANK - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-401	Inspection requirements for External floating roof tanks	Y	
8-5-401.1	Primary and Secondary Seals Inspection twice per calendar year	Y	
8-5-401.2	Tank fitting inspection twice per calendar year	Y	
8-5-404	Certification	Y	
8-5-405	Information Required	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-501.2	Records of seal replacement for at least 10 years	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<b>40 CFR 63 Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)</b>		
63.1	Applicability	Y	
63.2	Definitions	Y	
63.3	Units and abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.5	Construction and reconstruction	Y	
63.6	Compliance with standards and maintenance requirements	Y	
63.7	Performance testing requirements	Y	
63.8	Monitoring requirements	Y	
63.9	Notification requirements	Y	
63.10	Recordkeeping and reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of EPA Regional Offices	Y	
63.14	Incorporation by Reference	Y	
63.15	Availability of Information and confidentiality	Y	
<b>40 CFR 63 Subpart BBBBBB</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities (1/24/2011)</b>		
63.11080	Purpose of this subpart	Y	
63.11081(a)	Applicability requirements	Y	
63.11082	Parts of facility covered by this subpart	Y	
63.11083(b)	Compliance date	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - B**  
**Source-specific Applicable Requirements**  
**S3, S5, S6, S7 - STORAGE TANK - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.11087(a)	Table 1: Applicable emission limit and management practice	Y	
63.11087(b)	Date of compliance	Y	
63.11087(c)	Testing and Monitoring requirements	Y	
63.11087(d)	Notification requirements	Y	
63.11087(e)	Recordkeeping and Report submission requirements	Y	
63.11092(e) (2)	Inspection requirements for external floating roof system	Y	
63.11093	Notification requirements	Y	
63.11094(a)	Recordkeeping requirements	Y	
63.11095(a) (1)	Semiannual compliance and information report as applicable	Y	
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	Y	
63.11100	Definitions	Y	
<b>BAAQMD Condition #13143</b>			
part 1	Abatement device operating requirement (basis: cumulative increase)	Y	
part 2	Abatement device destruction efficiency requirement (basis: cumulative increase)	Y	
part 3	Abatement device operating temperature requirement (basis: cumulative increase)	Y	
part 4	Abatement device temperature monitoring and recording requirement (basis: cumulative increase)	Y	
part 5	Abatement device temperature monitoring and recording device installation requirement (basis: cumulative increase)	Y	
part 6	Temperature strip chart recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 7	Abatement device source test requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 8	Abatement device operational recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 9	Material throughput limit (yearly) for S5, S6, S7 (basis: cumulative increase)	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - B**  
**Source-specific Applicable Requirements**  
**S3, S5, S6, S7 - STORAGE TANK - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
part 11	Material throughput limit (yearly) for S3, S13, S18, S19, S20, S21, S22, S23, S24, S25, and S26 (basis: Regulation 2-1-234.1.2)	Y	
part 12	Record keeping, material type and throughput (basis: Regulation 2-6-501; 2-1-234.1.2)	Y	

**Table IV - C**  
**Source-specific Applicable Requirements**  
**S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (10/18/2006)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	N	
8-5-112	Limited Exemption, Tanks in Operation	N	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	N	
8-5-303	Requirements for pressure vacuum valves	N	
8-5-304	Requirements for external floating roofs	N	
8-5-304.1	Floating roof fittings requirements	N	
8-5-304.2	Primary seal requirements	N	
8-5-304.3	Secondary seal requirements	N	
8-5-304.4	Floating roof rest on liquid surface, properly installed, maintained, and in good operating condition. No liquid tank contents on the seals and on the roof	N	
8-5-304.5	Tank shell in good operating condition	N	
8-5-304.6	Limitation on tank operation	N	
8-5-304.6.1	Lids or other openings on the pontoon sealed within 48 hrs of discovery of liquid	N	
8-5-304.6.2	All pontoon leaks be repaired when tank is out of service	N	

#### IV. Source-specific Applicable Requirements

**Table IV - C**  
**Source-specific Applicable Requirements**  
**S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-320	Tank Fitting requirements	N	
8-5-320.2	Roof opening requirements	N	
8-5-320.3	Roof opening requirements	N	
8-5-320.4	Solid sampling or gauging wells requirements	N	
8-5-320.5	Slotted sampling or gauging wells requirements	N	
8-5-320.5.1	Well projection	N	
8-5-320.5.2	Well equipment requirements	N	
8-5-320.5.3	Gap measurements	N	
8-5-320.6	Emergency roof drain cover	N	
8-5-321	Primary Seal Requirements	N	
8-5-321.1	No openings such as holes etc.	N	
8-5-321.2	Seal liquid mounted	N	
8-5-321.3	Metallic-shoe-seal requirements	N	
8-5-321.3.1	Geometry of the shoe	N	
8-5-321.3.2	Welded tank gap allowed	N	
8-5-322	Secondary Seal requirements	N	
8-5-322.1	No openings such as holes etc.	N	
8-5-322.2	Insertion access to measure gaps in primary seal	N	
8-5-322.3	Welded tank secondary seal gap requirements	N	
8-5-322.5	Welded tank gap allowed	N	
8-5-322.6	Secondary seal extension and not attached to primary seal	N	
8-5-328	Tank Degassing Requirements	N	
8-5-328.1	Degassing control requirements	N	
8-5-328.2	Ozone Excess Day Prohibition	N	
8-5-328.3	Tank degassing notification requirements	N	
8-5-331	Tank cleaning requirements	N	
8-5-331.1	Cleaning agents specifications	N	
8-5-331.2	Steam usage prohibition	N	
8-5-331.3	Steam usage limitations	N	
8-5-332	Sludge handling requirements	N	
8-5-332.1	Sludge container – no leakage	N	
8-5-332.2	Sludge container gap specifications	N	
8-5-401	Inspection requirements for External floating roof tanks	N	
8-5-401.1	Primary and Secondary Seals Inspection twice per calendar year	N	

#### IV. Source-specific Applicable Requirements

**Table IV - C**  
**Source-specific Applicable Requirements**  
**S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-401.2	Tank fitting inspection twice per calendar year	N	
8-5-403	Inspection Requirements for Pressure Vacuum Valves	N	
8-5-403.1	Pressure vacuum valves – gas tight in section 8-5-303.	N	
8-5-404	Certification	N	
8-5-501	Records	N	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	N	
8-5-501.2	Records of seal replacement for at least 10 years	N	
8-5-501.3	Retain all records, reports, etc.	N	
8-5-501.4	Retain pressure vacuum valves setpoint engineering data sheets	N	
8-5-502	Tank Degassing Annual Source Test Requirement	N	
<b>SIP Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (6/5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-304	Requirements for external floating roofs	Y	
8-5-304.1	Floating roof fittings requirements	Y	
8-5-304.2	Primary seal requirements	Y	
8-5-304.3	Secondary seal requirements	Y	
8-5-304.4	Floating roof rest on liquid surface, properly installed, maintained, and in good operating condition. No liquid tank contents on the seals and on the roof	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Roof opening requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	

## IV. Source-specific Applicable Requirements

**Table IV - C**  
**Source-specific Applicable Requirements**  
**S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-321.4	Resilient-toroid-seal gap requirements	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	
8-5-401	Inspection requirements for external floating roof tanks	Y	
8-5-401.1	Primary and Secondary Seals Inspection twice per calendar year	Y	
8-5-401.2	Tank fitting inspection twice per calendar year	Y	
8-5-404	Certification	Y	
8-5-405	Information Required	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-501.2	Records of seal replacement for at least 10 years	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<b>40 CFR 63 Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)</b>	Y	
63.1	Applicability	Y	
63.2	Definitions	Y	
63.3	Units and abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.5	Construction and reconstruction	Y	
63.6	Compliance with standards and maintenance requirements	Y	
63.7	Performance testing requirements	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - C**  
**Source-specific Applicable Requirements**  
**S4 - STORAGE TANK - EXTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.8	Monitoring requirements	Y	
63.9	Notification requirements	Y	
63.10	Recordkeeping and reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of EPA Regional Offices	Y	
63.14	Incorporation by Reference	Y	
63.15	Availability of Information and confidentiality	Y	
<b>40 CFR 63 Subpart BBBBBB</b>	National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities (1/24/2011)		
63.11080	Purpose of this subpart	Y	
63.11081(a)	Applicability requirements	Y	
63.11082	Parts of facility covered by this subpart	Y	
63.11083(b)	Compliance date	Y	
63.11087(a)	Table 1: Applicable emission limit and management practice	Y	
63.11087(b)	Date of compliance	Y	
63.11087(c)	Testing and Monitoring requirements	Y	
63.11087(d)	Notification requirements	Y	
63.11087(e)	Recordkeeping and Report submission requirements	Y	
63.11092(e) (2)	Inspection requirements for external floating roof system	Y	
63.11093	Notification requirements	Y	
63.11094(a)	Recordkeeping requirements	Y	
63.11095(a) (1)	Semiannual compliance and information report as applicable	Y	
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	Y	
63.11100	Definitions	Y	
Condition # 26352			
Part 1	Throughput limit (basis: Regulation 2-1-234.1.2)	Y	
Part 2	Recordkeeping (basis: Regulation 2-1-234.1.2)	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - D**  
**Source-specific Applicable Requirements**  
**S8, S9 - STORAGE TANKS - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 1</b>	<b>General Provisions and Definitions (5/4/2011)</b>		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	
1-523.1	Parametric monitor periods of inoperation	Y	
1-523.2	Limits on periods of inoperation	Y	
1-523.3	Reports of Violations	N	
1-523.4	Records	Y	
1-523.5	Maintenance and calibration	N	
<b>SIP Regulation 1</b>	<b>General Provisions and Definitions (6/28/99)</b>		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	
1-523.3	Reports of Violations	Y	
<b>BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (10/18/2006)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	N	
8-5-112	Limited Exemption, Tanks in Operation	N	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	N	
8-5-303	Requirements for pressure vacuum Valves	N	
8-5-305	Requirements for Internal Floating Roofs	N	
8-5-305.2	Seals Requirements	N	
8-5-305.4	Floating roof fittings requirements	N	
8-5-305.5	Good operating condition	N	
8-5-305.6	Tank shell in good operating condition	N	
8-5-320	Tank Fitting requirements	N	
8-5-320.2	Roof opening requirements	N	
8-5-320.3	Roof opening requirements	N	
8-5-320.4	Solid sampling or gauging wells requirements	N	
8-5-320.5	Slotted sampling or gauging wells requirements	N	
8-5-320.5.1	Well projection	N	
8-5-320.5.2	Well equipment requirements	N	
8-5-320.5.3	Gap measurements	N	

#### IV. Source-specific Applicable Requirements

**Table IV - D**  
**Source-specific Applicable Requirements**  
**S8, S9 - STORAGE TANKS - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-320.6	Emergency roof drain cover	N	
8-5-321	Primary Seal Requirements	N	
8-5-321.1	No openings such as holes etc.	N	
8-5-321.2	Seal liquid mounted	N	
8-5-322	Secondary Seal requirements	N	
8-5-322.1	No openings such as holes etc.	N	
8-5-322.2	Insertion access to measure gaps in primary seal	N	
8-5-322.3	Welded tank secondary seal gap requirements	N	
8-5-322.5	Welded tank gap allowed	N	
8-5-322.6	Secondary seal extension and not attached to primary seal	N	
8-5-328	Tank Degassing Requirements	N	
8-5-328.1	Degassing control requirements	N	
8-5-328.2	Ozone excess day prohibition	N	
8-5-328.3	Tank degassing notification requirements	N	
8-5-331	Tank cleaning requirements	N	
8-5-331.1	Cleaning agent specifications	N	
8-5-331.2	Steam usage prohibition	N	
8-5-331.3	Steam usage limitations	N	
8-5-332	Sludge handling requirements	N	
8-5-332.1	Sludge container – no leakage	N	
8-5-332.2	Sludge container gap specifications	N	
8-5-402	Inspection Requirements for Internal Floating Roof Tanks	N	
8-5-402.1	Primary and secondary seals inspection once every 10 years	N	
8-5-402.2	Secondary Seal visual inspection twice per calendar year	N	
8-5-402.3	Tank fittings Inspection twice per calendar year	N	
8-5-403	Inspection Requirements for Pressure Vacuum Valves	N	
8-5-403.1	Pressure vacuum valves – gas tight in section 8-5-303.	N	
8-5-404	Certification	N	
8-5-501	Records	N	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	N	
8-5-501.2	Records of seal replacement for at least 10 years	N	
8-5-501.3	Retain all records, reports, etc.	N	
8-5-501.4	Retain pressure vacuum valves setpoint engineering data sheets	N	

#### IV. Source-specific Applicable Requirements

**Table IV - D**  
**Source-specific Applicable Requirements**  
**S8, S9 - STORAGE TANKS - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-502	Tank Degassing Annual Source Test Requirement	N	
<b>SIP Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (6/5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-305	Requirements for Internal Floating Roofs	Y	
8-5-305.2	Seals Requirements	Y	
8-5-305.4	Floating roof fittings requirements	Y	
8-5-305.5	Floating roof rest on liquid surface, properly installed, maintained, and in good operating condition. No liquid tank contents on the seals and on the roof	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Roof opening requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - D**  
**Source-specific Applicable Requirements**  
**S8, S9 - STORAGE TANKS - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	
8-5-402	Inspection requirements for internal floating roof tanks	Y	
8-5-402.1	Primary and Secondary Seal Inspection once every 10 years	Y	
8-5-402.2	Secondary Seal visual inspection twice per calendar year	Y	
8-5-402.3	Tank fittings Inspection twice per calendar year	Y	
8-5-403	Inspection requirements for pressure vacuum valves	Y	
8-5-404	Certification	Y	
8-5-405	Information Required	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-501.2	Records of seal replacement for at least 10 years	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<b>40 CFR 63 Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)</b>		
63.1	Applicability	Y	
63.2	Definitions	Y	
63.3	Units and abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.5	Construction and reconstruction	Y	
63.6	Compliance with standards and maintenance requirements	Y	
63.7	Performance testing requirements	Y	
63.8	Monitoring requirements	Y	
63.9	Notification requirements	Y	
63.10	Recordkeeping and reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of EPA Regional Offices	Y	
63.14	Incorporation by Reference	Y	
63.15	Availability of Information and confidentiality	Y	
<b>40 CFR 63 Subpart BBBBBB</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities (1/24/2011)</b>		

#### IV. Source-specific Applicable Requirements

**Table IV - D**  
**Source-specific Applicable Requirements**  
**S8, S9 - STORAGE TANKS - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.11080	Purpose of this subpart	Y	
63.11081(a)	Applicability requirements	Y	
63.11082	Parts of facility covered by this subpart	Y	
63.11083(b)	Compliance date	Y	
63.11087(a)	Table 1: Applicable emission limit and management practice	Y	
63.11087(b)	Date of compliance	Y	
63.11087(c)	Testing and Monitoring requirements	Y	
63.11087(d)	Notification requirements	Y	
63.11087(e)	Recordkeeping and Report submission requirements	Y	
63.11092(e) (1)	Inspection requirements for internal floating roof system	Y	
63.11093	Notification requirements	Y	
63.11094(a)	Recordkeeping requirements	Y	
63.11095(a) (1)	Semiannual compliance and information report as applicable	Y	
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	Y	
63.11100	Definitions	Y	
<b>BAAQMD Condition #13143</b>			
part 1	Abatement device operating requirement (basis: cumulative increase)	Y	
part 2	Abatement device destruction efficiency requirement (basis: cumulative increase)	Y	
part 3	Abatement device operating temperature requirement (basis: cumulative increase)	Y	
part 4	Abatement device temperature monitoring and recording requirement (basis: cumulative increase)	Y	
part 5	Abatement device temperature monitoring and recording device installation requirement (basis: cumulative increase)	Y	
part 6	Temperature strip chart recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 7	Abatement device source test requirement (basis: Regulation 2-6-501; cumulative increase)	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - D**  
**Source-specific Applicable Requirements**  
**S8, S9 - STORAGE TANKS - INTERNAL FLOATING ROOF**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
part 8	Abatement device operational recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 9	Material throughput limit (yearly) for S5, S6, S7 (basis: cumulative increase)	Y	
part 12	Record keeping, material type and throughput (basis: Regulation 2-6-501; 2-1-234.1.2)	Y	

**Table IV - E**  
**Source-specific Applicable Requirements**  
**S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 1</b>	<b>General Provisions and Definitions (5/4/2011)</b>		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	
1-523.1	Parametric monitor periods of inoperation	Y	
1-523.2	Limits on periods of inoperation	Y	
1-523.3	Reports of Violations	N	
1-523.4	Records	Y	
1-523.5	Maintenance and calibration	N	
<b>SIP Regulation 1</b>	<b>General Provisions and Definitions (6/28/99)</b>		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	
1-523.3	Reports of Violations	Y	
<b>BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (10/18/2006)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	N	
8-5-112	Limited Exemption, Tanks in Operation	N	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon)	N	

#### IV. Source-specific Applicable Requirements

**Table IV - E**  
**Source-specific Applicable Requirements**  
**S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
	capacity)		
8-5-303	Requirements for pressure vacuum Valves	N	
8-5-305	Requirements for Internal Floating Roofs	N	
8-5-305.2	Seals Requirements	N	
8-5-305.4	Floating roof fittings requirements	N	
8-5-305.5	Good operating condition	N	
8-5-305.6	Tank shell in good operating condition	N	
8-5-320	Tank Fitting requirements	N	
8-5-320.2	Roof opening requirements	N	
8-5-320.3	Roof opening requirements	N	
8-5-320.4	Solid sampling or gauging wells requirements	N	
8-5-320.5	Slotted sampling or gauging wells requirements	N	
8-5-320.5.1	Well projection	N	
8-5-320.5.2	Well equipment requirements	N	
8-5-320.5.3	Gap measurements	N	
8-5-320.6	Emergency roof drain cover	N	
8-5-321	Primary Seal Requirements	N	
8-5-321.1	No openings such as holes etc.	N	
8-5-321.2	Seal metallic shoe	N	
8-5-321.3	Metallic-shoe-seal requirements	N	
8-5-321.3.1	Geometry of the shoe	N	
8-5-321.3.2	Welded tank gap allowed	N	
8-5-322	Secondary Seal requirements	N	
8-5-322.1	No openings such as holes etc.	N	
8-5-322.2	Insertion access to measure gaps in primary seal	N	
8-5-322.3	Welded tank secondary seal gap requirements	N	
8-5-322.5	Welded tank gap allowed	N	
8-5-322.6	Secondary seal extension and not attached to primary seal	N	
8-5-328	Tank Degassing Requirements	N	
8-5-328.1	Degassing control requirements	N	
8-5-328.2	Ozone excess day prohibition	N	
8-5-328.3	Tank degassing notification requirements	N	
8-5-331	Tank cleaning requirements	N	
8-5-331.1	Cleaning agents specifications	N	

#### IV. Source-specific Applicable Requirements

**Table IV - E**  
**Source-specific Applicable Requirements**  
**S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-331.2	Steam usage prohibition	N	
8-5-331.3	Steam usage limitations	N	
8-5-332	Sludge handling requirements	N	
8-5-332.1	Sludge container – no leakage	N	
8-5-332.2	Sludge container gap specifications	N	
8-5-402	Inspection Requirements for Internal Floating Roof Tanks	N	
8-5-402.1	Primary and secondary seals inspection once every 10 years	N	
8-5-402.2	Secondary Seal visual inspection twice per calendar year	N	
8-5-402.3	Tank fittings Inspection twice per calendar year	N	
8-5-403	Inspection Requirements for Pressure Vacuum Valves	N	
8-5-403.1	Pressure vacuum valves – gas tight in section 8-5-303.	N	
8-5-404	Certification	N	
8-5-501	Records	N	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	N	
8-5-501.2	Records of seal replacement for at least 10 years	N	
8-5-501.3	Retain all records, reports, etc.	N	
8-5-501.4	Retain pressure vacuum valves setpoint engineering data sheets	N	
8-5-502	Tank Degassing Annual Source Test Requirement	N	
<b>SIP Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (6/5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Roof opening requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - E**  
**Source-specific Applicable Requirements**  
**S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	
8-5-402	Inspection requirements for internal floating roof tanks	Y	
8-5-402.1	Primary and secondary seal inspection once every 10 years	Y	
8-5-402.2	Secondary Seal visual inspection twice per calendar year	Y	
8-5-402.3	Tank fittings Inspection twice per calendar year	Y	
8-5-403	Inspection requirements for pressure vacuum valves	Y	
8-5-404	Certification	Y	
8-5-405	Information Required	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-501.2	Records of seal replacement for at least 10 years	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<b>40 CFR 63 Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)</b>		
63.1	Applicability	Y	
63.2	Definitions	Y	
63.3	Units and abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.5	Construction and reconstruction	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - E**  
**Source-specific Applicable Requirements**  
**S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.6	Compliance with standards and maintenance requirements	Y	
63.7	Performance testing requirements	Y	
63.8	Monitoring requirements	Y	
63.9	Notification requirements	Y	
63.10	Recordkeeping and reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of EPA Regional Offices	Y	
63.14	Incorporation by Reference	Y	
63.15	Availability of Information and confidentiality	Y	
<b>40 CFR 63 Subpart BBBBBB</b>	National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities (1/24/2011)		
63.11080	Purpose of this subpart	Y	
63.11081(a)	Applicability requirements	Y	
63.11082	Parts of facility covered by this subpart	Y	
63.11083(b)	Compliance date	Y	
63.11087(a)	Table 1: Applicable emission limit and management practice	Y	
63.11087(b)	Date of compliance	Y	
63.11087(c)	Testing and Monitoring requirements	Y	
63.11087(d)	Notification requirements	Y	
63.11087(e)	Recordkeeping and Report submission requirements	Y	
63.11092(e)(1)	Inspection requirements for internal floating roof system	Y	
63.11093	Notification requirements	Y	
63.11094(a)	Recordkeeping requirements	Y	
63.11095(a)(1)	Semiannual compliance and information report as applicable	Y	
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	Y	
63.11100	Definitions	Y	
<b>BAAQMD Condition #13143</b>			
part 1	Abatement device operating requirement (basis: cumulative increase)	Y	
part 2	Abatement device destruction efficiency requirement (basis:	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - E**  
**Source-specific Applicable Requirements**  
**S10 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
	cumulative increase)		
part 3	Abatement device operating temperature requirement (basis: cumulative increase)	Y	
part 4	Abatement device temperature monitoring and recording requirement (basis: cumulative increase)	Y	
part 5	Abatement device temperature monitoring and recording device installation requirement (basis: cumulative increase)	Y	
part 6	Temperature strip chart recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 7	Abatement device source test requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 8	Abatement device operational recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 10	Material throughput limit, yearly (basis: cumulative increase)	Y	
part 12	Record keeping, material type and throughput (basis: Regulation 2-6-501; 2-1-234.1.2)	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - F**  
**Source-specific Applicable Requirements**  
**S11 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 1</b>	<b>General Provisions and Definitions (5/4/2011)</b>		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	
1-523.1	Parametric monitor periods of inoperation	Y	
1-523.2	Limits on periods of inoperation	Y	
1-523.3	Reports of Violations	N	
1-523.4	Records	Y	
1-523.5	Maintenance and calibration	N	
<b>SIP Regulation 1</b>	<b>General Provisions and Definitions (6/28/99)</b>		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	
1-523.3	Reports of Violations	Y	
<b>BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (10/18/2006)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	N	
8-5-112	Limited Exemption, Tanks in Operation	N	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	N	
8-5-303	Requirements for pressure vacuum Valves	N	
8-5-305	Requirements for Internal Floating Roofs	N	
8-5-305.2	Seals Requirements	N	
8-5-305.4	Floating roof fittings requirements	N	
8-5-305.5	Good operating condition	N	
8-5-305.6	Tank shell in good operating condition	N	
8-5-320	Tank Fitting requirements	N	
8-5-320.2	Roof opening requirements	N	
8-5-320.3	Roof opening requirements	N	
8-5-320.4	Solid sampling or gauging wells requirements	N	
8-5-320.5	Slotted sampling or gauging wells requirements	N	
8-5-320.5.1	Well projection	N	
8-5-320.5.2	Well equipment requirements	N	
8-5-320.5.3	Gap measurements	N	

#### IV. Source-specific Applicable Requirements

**Table IV - F**  
**Source-specific Applicable Requirements**  
**S11 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-320.6	Emergency roof drain cover	N	
8-5-321	Primary Seal Requirements	N	
8-5-321.1	No openings such as holes etc.	N	
8-5-321.2	Seal metallic shoe	N	
8-5-321.3	Metallic-shoe-seal requirements	N	
8-5-321.3.1	Geometry of the shoe	N	
8-5-321.3.2	Welded tank gap allowed	N	
8-5-322	Secondary Seal requirements	N	
8-5-322.1	No openings such as holes etc.	N	
8-5-322.2	Insertion access to measure gaps in primary seal	N	
8-5-322.3	Welded tank secondary seal gap requirements	N	
8-5-322.5	Welded tank gap allowed	N	
8-5-322.6	Secondary seal extension and not attached to primary seal	N	
8-5-328	Tank Degassing Requirements	N	
8-5-328.1	Degassing control requirements	N	
8-5-328.2	Ozone excess day prohibition	N	
8-5-328.3	Tank degassing notification requirements	N	
8-5-331	Tank cleaning requirements	N	
8-5-331.1	Cleaning agents specifications	N	
8-5-331.2	Steam usage prohibition	N	
8-5-331.3	Steam usage limitations	N	
8-5-332	Sludge handling requirements	N	
8-5-332.1	Sludge container – no leakage	N	
8-5-332.2	Sludge container gap specifications	N	
8-5-402	Inspection Requirements for Internal Floating Roof Tanks	N	
8-5-402.1	Primary and secondary seals inspection once every 10 years	N	
8-5-402.2	Secondary Seal visual inspection twice per calendar year	N	
8-5-402.3	Tank fittings Inspection twice per calendar year	N	
8-5-403	Inspection Requirements for Pressure Vacuum Valves	N	
8-5-403.1	Pressure vacuum valves – gas tight in section 8-5-303.	N	
8-5-404	Certification	N	
8-5-501	Records	N	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	N	

#### IV. Source-specific Applicable Requirements

**Table IV - F**  
**Source-specific Applicable Requirements**  
**S11 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-501.2	Records of seal replacement for at least 10 years	N	
8-5-501.3	Retain all records, reports, etc.	N	
8-5-501.4	Retain pressure vacuum valves setpoint engineering data sheets	N	
8-5-502	Tank Degassing Annual Source Test Requirement	N	
<b>SIP Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (6/5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m <sup>3</sup> ; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Pressure-vacuum valves requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-321.3	Metallic-shoe-seal requirements	Y	
8-5-321.3.1	Geometry of the shoe	Y	
8-5-321.3.2	Welded tank gap allowed	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	

## IV. Source-specific Applicable Requirements

**Table IV - F**  
**Source-specific Applicable Requirements**  
**S11 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	
8-5-402	Inspection requirements for internal floating roof tanks	Y	
8-5-402.1	Primary and Secondary Seal Inspection once every 10 years	Y	
8-5-402.2	Secondary Seal visual inspection twice per calendar year	Y	
8-5-402.3	Tank fittings Inspection twice per calendar year	Y	
8-5-403	Inspection requirements for pressure vacuum valves	Y	
8-5-404	Certification	Y	
8-5-405	Information Required	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-501.2	Records of seal replacement for at least 10 years	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<b>40 CFR 60 Subpart A</b>	<b>Standards of Performance for New Stationary Sources – General Provisions (12/23/71)</b>		
60.4(a)	Reports to EPA	Y	
60.4(b)	Reports to the District	Y	
60.7(a)	Written notification	Y	
60.7(b)	Records	Y	
60.8	Performance Tests	Y	
60.9	Availability of Information	Y	
60.11(a)	Compliance with standards and maintenance requirements	Y	
60.11(d)	Minimizing emissions	Y	
60.12	Circumvention	Y	
60.13	Reconstruction	Y	
60.19	General notification and reporting requirements	Y	
<b>40 CFR 60 Subpart K</b>	<b>Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978</b>		
60.112(a)(1)	Floating roof, vapor recovery requirement	Y	
60.113(a)	Record keeping	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - F**  
**Source-specific Applicable Requirements**  
**S11 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
60.113(b)	True vapor pressure determination	Y	
60.113(c)	Crude oil true vapor pressure determination	Y	
<b>40 CFR 63 Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)</b>		
63.1	Applicability	Y	
63.2	Definitions	Y	
63.3	Units and abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.5	Construction and reconstruction	Y	
63.6	Compliance with standards and maintenance requirements	Y	
63.7	Performance testing requirements	Y	
63.8	Monitoring requirements	Y	
63.9	Notification requirements	Y	
63.10	Recordkeeping and reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of EPA Regional Offices	Y	
63.14	Incorporation by Reference	Y	
63.15	Availability of Information and confidentiality	Y	
<b>40 CFR 63 Subpart BBBBBB</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities (1/24/2011)</b>		
63.11080	Purpose of this subpart	Y	
63.11081(a)	Applicability requirements	Y	
63.11082	Parts of facility covered by this subpart	Y	
63.11083(b)	Compliance date	Y	
63.11087(a)	Table 1: Applicable emission limit and management practice	Y	
63.11087(b)	Date of compliance	Y	
63.11087(c)	Testing and Monitoring requirements	Y	
63.11087(d)	Notification requirements	Y	
63.11087(e)	Recordkeeping and Report submission requirements	Y	
63.11092(e) (1)	Inspection requirements for internal floating roof system	Y	
63.11093	Notification requirements	Y	
63.11094(a)	Recordkeeping requirements	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - F**  
**Source-specific Applicable Requirements**  
**S11 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.11095(a) (1)	Semiannual compliance and information report as applicable	Y	
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	Y	
63.11100	Definitions	Y	
<b>BAAQMD Condition #13143</b>			
part 1	Abatement device operating requirement (basis: cumulative increase)	Y	
part 2	Abatement device destruction efficiency requirement (basis: cumulative increase)	Y	
part 3	Abatement device operating temperature requirement (basis: cumulative increase)	Y	
part 4	Abatement device temperature monitoring and recording requirement (basis: cumulative increase)	Y	
part 5	Abatement device temperature monitoring and recording device installation requirement (basis: cumulative increase)	Y	
part 6	Temperature strip chart recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 7	Abatement device source test requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 8	Abatement device operational recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 9	Material throughput limit, yearly (basis: cumulative increase)	Y	
part 12	Record keeping, material type and throughput (basis: Regulation 2-6-501; 2-1-234.1.2)	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - G**  
**Source-specific Applicable Requirements**  
**S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -**  
**STORAGE TANKS - INTERNAL FLOATING ROOF**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 1</b>	<b>General Provisions and Definitions (5/4/2011)</b>		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	
1-523.1	Parametric monitor periods of inoperation	Y	
1-523.2	Limits on periods of inoperation	Y	
1-523.3	Reports of Violations	N	
1-523.4	Records	Y	
1-523.5	Maintenance and calibration	N	
<b>SIP Regulation 1</b>	<b>General Provisions and Definitions (6/28/99)</b>		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	
1-523.3	Reports of Violations	Y	
<b>BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (10/18/2006)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	N	
8-5-112	Limited Exemption, Tanks in Operation	N	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	N	
8-5-303	Requirements for pressure vacuum Valves	N	
8-5-305	Requirements for Internal Floating Roofs	N	
8-5-305.2	Seals Requirements	N	
8-5-305.4	Floating roof fittings requirements	N	
8-5-305.5	Good operating condition	N	
8-5-305.6	Tank shell in good operating condition	N	
8-5-320	Tank Fitting requirements	N	
8-5-320.2	Roof opening requirements	N	
8-5-320.3	Roof opening requirements	N	
8-5-320.4	Solid sampling or gauging wells requirements	N	
8-5-320.5	Slotted sampling or gauging wells requirements	N	
8-5-320.5.1	Well projection	N	
8-5-320.5.2	Well equipment requirements	N	

#### IV. Source-specific Applicable Requirements

**Table IV - G**  
**Source-specific Applicable Requirements**  
**S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -**  
**STORAGE TANKS - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-320.5.3	Gap measurements	N	
8-5-320.6	Emergency roof drain cover	N	
8-5-321	Primary Seal Requirements	N	
8-5-321.1	No openings such as holes etc.	N	
8-5-321.2	Seal metallic shoe	N	
8-5-321.3	Metallic-shoe-seal requirements	N	
8-5-321.3.1	Geometry of the shoe	N	
8-5-321.3.2	Welded tank gap allowed	N	
8-5-322	Secondary Seal requirements	N	
8-5-322.1	No openings such as holes etc.	N	
8-5-322.2	Insertion access to measure gaps in primary seal	N	
8-5-322.3	Welded tank secondary seal gap requirements	N	
8-5-322.5	Welded tank gap allowed	N	
8-5-322.6	Secondary seal extension and not attached to primary seal	N	
8-5-328	Tank Degassing Requirements	N	
8-5-328.1	Degassing control requirements	N	
8-5-328.2	Ozone excess day prohibition	N	
8-5-328.3	Tank degassing notification requirements	N	
8-5-331	Tank cleaning requirements	N	
8-5-331.1	Cleaning agents specifications	N	
8-5-331.2	Steam usage prohibition	N	
8-5-331.3	Steam usage limitations	N	
8-5-332	Sludge handling requirements	N	
8-5-332.1	Sludge container – no leakage	N	
8-5-332.2	Sludge container gap specifications	N	
8-5-402	Inspection Requirements for Internal Floating Roof Tanks	N	
8-5-402.1	Primary and secondary seals inspection once every 10 years	N	
8-5-402.2	Secondary Seal visual inspection twice per calendar year	N	
8-5-402.3	Tank fittings Inspection twice per calendar year	N	
8-5-403	Inspection Requirements for Pressure Vacuum Valves	N	
8-5-403.1	Pressure vacuum valves – gas tight in section 8-5-303.	N	
8-5-404	Certification	N	
8-5-501	Records	N	

#### IV. Source-specific Applicable Requirements

**Table IV - G**  
**Source-specific Applicable Requirements**  
**S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -**  
**STORAGE TANKS - INTERNAL FLOATING ROOF**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	N	
8-5-501.2	Records of seal replacement for at least 10 years	N	
8-5-501.3	Retain all records, reports, etc.	N	
8-5-501.4	Retain pressure vacuum valves setpoint engineering data sheets	N	
8-5-502	Tank Degassing Annual Source Test Requirement	N	
<b>SIP Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (6/5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m <sup>3</sup> ; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Pressure-vacuum valves requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-321.3	Metallic-shoe-seal requirements	Y	
8-5-321.3.1	Geometry of the shoe	Y	
8-5-321.3.2	Welded tank gap allowed	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - G**  
**Source-specific Applicable Requirements**  
**S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -**  
**STORAGE TANKS - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	
8-5-402	Inspection requirements for internal floating roof tanks	Y	
8-5-402.1	Primary and Secondary Seal Inspection once every 10 years	Y	
8-5-402.2	Secondary Seal visual inspection twice per calendar year	Y	
8-5-402.3	Tank fittings Inspection twice per calendar year	Y	
8-5-403	Inspection requirements for pressure vacuum valves	Y	
8-5-404	Certification	Y	
8-5-405	Information Required	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-501.2	Records of seal replacement for at least 10 years	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<b>40 CFR 60 Subpart A</b>	<b>Standards of Performance for New Stationary Sources – General Provisions (12/23/71)</b>		
60.4(a)	Reports to EPA	Y	
60.4(b)	Reports to the District	Y	
60.7(a)	Written notification	Y	
60.7(b)	Records	Y	
60.8	Performance Tests	Y	
60.9	Availability of Information	Y	
60.11(a)	Compliance with standards and maintenance requirements	Y	
60.11(d)	Minimizing emissions	Y	
60.12	Circumvention	Y	
60.13	Reconstruction	Y	
60.19	General notification and reporting requirements	Y	
<b>40 CFR 60, Subpart Kb</b>	<b>Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Vessels) for Which</b>		

#### IV. Source-specific Applicable Requirements

**Table IV - G**  
**Source-specific Applicable Requirements**  
**S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -**  
**STORAGE TANKS - INTERNAL FLOATING ROOF**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
	<b>Construction, Reconstruction, or Modification Commenced After July 23, 1984 (4/8/87)</b>		
60.112b(a)(1)	Internal floating roof requirement & specifications	Y	
60.112b(a)(1)(i)	Rest or float on liquid surface	Y	
60.112b(a)(1)(ii)(C)	Mechanical shoe seal	Y	
60.112b(a)(1)(iii)	Opening projection requirement except automatic bleeder and rim space vents	Y	
60.112b(a)(1)(iv)	Opening cover/lid requirements except for leg sleeves, automatic bleeder and rim space vents, column, ladder, sample wells, and stub drains	Y	
60.112b(a)(1)(v)	Gasket for automatic bleeder vents	Y	
60.112b(a)(1)(vi)	Gasket for rim space vents	Y	
60.112b(a)(1)(vii)	Slit fabric cover for sample wells	Y	
60.112b(a)(1)(viii)	Flexible fabric sleeve or gasketed sliding cover for each penetration that allows for passage of fixed roof supporting column	Y	
60.112b(a)(1)(ix)	Gasketed sliding cover for each penetration that allows for passage of ladder	Y	
60.113b	Testing and procedures	Y	
60.113b(a)(1)	Visual Seal inspection before filling the vessel	Y	
60.113b(a)(2)	Inspection once every 12 months after initial fill	Y	
60.113b(a)(4)	Visual seal inspection each time tank is emptied and degassed	Y	
60.113b(a)(5)	Notify Administrator	Y	
60.115b	Reporting and record keeping	Y	
60.115b(a)(1)	Furnish report to the Administrator	Y	
60.115b(a)(2)	Record of each inspection	Y	
60.115b(a)(3)	Report defects etc. to the Administrator	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - G**  
**Source-specific Applicable Requirements**  
**S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -**  
**STORAGE TANKS - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
60.115b(a)(4)	Report defects etc. to the Administrator	Y	
60.116b	Monitoring of operations	Y	
60.116b(a)	Record keeping for 2 years	Y	
60.116b(c)	Records of liquid stored, period of storage, and maximum true vapor pressure	Y	
60.116b(d)	Notify the Administrator	Y	
60.116b(e)	Determination of maximum vapor pressure	Y	
<b>40 CFR 63 Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)</b>		
63.1	Applicability	Y	
63.2	Definitions	Y	
63.3	Units and abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.5	Construction and reconstruction	Y	
63.6	Compliance with standards and maintenance requirements	Y	
63.7	Performance testing requirements	Y	
63.8	Monitoring requirements	Y	
63.9	Notification requirements	Y	
63.10	Recordkeeping and reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of EPA Regional Offices	Y	
63.14	Incorporation by Reference	Y	
63.15	Availability of Information and confidentiality	Y	
<b>40 CFR 63 Subpart BBBBBB</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities (1/24/2011)</b>		
63.11080	Purpose of this subpart	Y	
63.11081(a)	Applicability requirements	Y	
63.11082	Parts of facility covered by this subpart	Y	
63.11083(b)	Compliance date	Y	
63.11087(a)	Table 1: Applicable emission limit and management practice	Y	
63.11087(b)	Date of compliance	Y	
63.11087(c)	Testing and Monitoring requirements	Y	

## IV. Source-specific Applicable Requirements

**Table IV - G**  
**Source-specific Applicable Requirements**  
**S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -**  
**STORAGE TANKS - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.11087(d)	Notification requirements	Y	
63.11087(e)	Recordkeeping and Report submission requirements	Y	
63.11092(e) (1)	Inspection requirements for internal floating roof system	Y	
63.11093	Notification requirements	Y	
63.11094(a)	Recordkeeping requirements	Y	
63.11095(a) (1)	Semiannual compliance and information report as applicable	Y	
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	Y	
63.11100	Definitions	Y	
<b>BAAQMD Condition #13143</b>			
part 1	Abatement device operating requirement (basis: cumulative increase)	Y	
part 2	Abatement device destruction efficiency requirement (basis: cumulative increase)	Y	
part 3	Abatement device operating temperature requirement (basis: cumulative increase)	Y	
part 4	Abatement device temperature monitoring and recording requirement (basis: cumulative increase)	Y	
part 5	Abatement device temperature monitoring and recording device installation requirement (basis: cumulative increase)	Y	
part 6	Temperature strip chart recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 7	Abatement device source test requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 8	Abatement device operational recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 9	Material throughput limit (yearly) for S12 (basis: cumulative increase)	Y	
part 11	Material throughput limit (yearly) for S13, S18, S19, S20, S21, S22, S23, S24, S25, and S26 (basis: Regulation 2-1-234.1.2)	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - G**  
**Source-specific Applicable Requirements**  
**S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26 -**  
**STORAGE TANKS - INTERNAL FLOATING ROOF**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
part 12	Record keeping, material type and throughput (basis: Regulation 2-6-501; 2-1-234.1.2)	Y	

**Table IV - H**  
**Source-specific Applicable Requirements**  
**S14 - STORAGE TANK - INTERNAL FLOATING ROOF**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (10/18/2006)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	N	
8-5-112	Limited Exemption, Tanks in Operation	N	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	N	
8-5-303	Requirements for pressure vacuum Valves	N	
8-5-305	Requirements for Internal Floating Roofs	N	
8-5-305.2	Seals Requirements	N	
8-5-305.4	Floating roof fittings requirements	N	
8-5-305.5	Good operating condition	N	
8-5-305.6	Tank shell in good operating condition	N	
8-5-320	Tank Fitting requirements	N	
8-5-320.2	Roof opening requirements	N	
8-5-320.3	Roof opening requirements	N	
8-5-320.4	Solid sampling or gauging wells requirements	N	
8-5-320.5	Slotted sampling or gauging wells requirements	N	
8-5-320.5.1	Well projection	N	
8-5-320.5.2	Well equipment requirements	N	
8-5-320.5.3	Gap measurements	N	

#### IV. Source-specific Applicable Requirements

**Table IV - H**  
**Source-specific Applicable Requirements**  
**S14 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-320.6	Emergency roof drain cover	N	
8-5-321	Primary Seal Requirements	N	
8-5-321.1	No openings such as holes etc.	N	
8-5-321.2	Seal metallic shoe	N	
8-5-321.3	Metallic-shoe-seal requirements	N	
8-5-321.3.1	Geometry of the shoe	N	
8-5-321.3.2	Welded tank gap allowed	N	
8-5-322	Secondary Seal requirements	N	
8-5-322.1	No openings such as holes etc.	N	
8-5-322.2	Insertion access to measure gaps in primary seal	N	
8-5-322.3	Welded tank secondary seal gap requirements	N	
8-5-322.5	Welded tank gap allowed	N	
8-5-322.6	Secondary seal extension and not attached to primary seal	N	
8-5-328	Tank Degassing Requirements	N	
8-5-328.1	Degassing control requirements	N	
8-5-328.2	Ozone excess day prohibition	N	
8-5-328.3	Tank degassing notification requirements	N	
8-5-331	Tank cleaning requirements	N	
8-5-331.1	Cleaning agents specifications	N	
8-5-331.2	Steam usage prohibition	N	
8-5-331.3	Steam usage limitations	N	
8-5-332	Sludge handling requirements	N	
8-5-332.1	Sludge container – no leakage	N	
8-5-332.2	Sludge container gap specifications	N	
8-5-402	Inspection Requirements for Internal Floating Roof Tanks	N	
8-5-402.1	Primary and secondary seals inspection once every 10 years	N	
8-5-402.2	Secondary Seal visual inspection twice per calendar year	N	
8-5-402.3	Tank fittings Inspection twice per calendar year	N	
8-5-403	Inspection Requirements for Pressure Vacuum Valves	N	
8-5-403.1	Pressure vacuum valves – gas tight in section 8-5-303.	N	
8-5-404	Certification	N	
8-5-501	Records	N	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	N	

#### IV. Source-specific Applicable Requirements

**Table IV - H**  
**Source-specific Applicable Requirements**  
**S14 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-501.2	Records of seal replacement for at least 10 years	N	
8-5-501.3	Retain all records, reports, etc.	N	
8-5-501.4	Retain pressure vacuum valves setpoint engineering data sheets	N	
8-5-502	Tank Degassing Annual Source Test Requirement	N	
<b>SIP Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (6/5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Pressure-vacuum valves requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	
8-5-402	Inspection requirements for internal floating roof tanks	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - H**  
**Source-specific Applicable Requirements**  
**S14 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-402.1	Primary and secondary seal inspection once every 10 years	Y	
8-5-402.2	Secondary Seal visual inspection twice per calendar year	Y	
8-5-402.3	Tank fittings Inspection twice per calendar year	Y	
8-5-403	Inspection requirements for pressure vacuum valves	Y	
8-5-404	Certification	Y	
8-5-405	Information Required	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-501.2	Records of seal replacement for at least 10 years	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<b>40 CFR 63 Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)</b>		
63.1	Applicability	Y	
63.2	Definitions	Y	
63.3	Units and abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.5	Construction and reconstruction	Y	
63.6	Compliance with standards and maintenance requirements	Y	
63.7	Performance testing requirements	Y	
63.8	Monitoring requirements	Y	
63.9	Notification requirements	Y	
63.10	Recordkeeping and reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of EPA Regional Offices	Y	
63.14	Incorporation by Reference	Y	
63.15	Availability of Information and confidentiality	Y	
<b>40 CFR 63 Subpart BBBBBB</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities (1/24/2011)</b>		
63.11080	Purpose of this subpart	Y	
63.11081(a)	Applicability requirements	Y	
63.11082	Parts of facility covered by this subpart	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - H**  
**Source-specific Applicable Requirements**  
**S14 - STORAGE TANK - INTERNAL FLOATING ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.11083(b)	Compliance date	Y	
63.11087(a)	Table 1: Applicable emission limit and management practice	Y	
63.11087(b)	Date of compliance	Y	
63.11087(c)	Testing and Monitoring requirements	Y	
63.11087(d)	Notification requirements	Y	
63.11087(e)	Recordkeeping and Report submission requirements	Y	
63.11092(e) (1)	Inspection requirements for internal floating roof system	Y	
63.11093	Notification requirements	Y	
63.11094(a)	Recordkeeping requirements	Y	
63.11095(a) (1)	Semiannual compliance and information report as applicable	Y	
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	Y	
63.11100	Definitions	Y	
<b>BAAQMD Condition #26353</b>			
Part 1	Throughput limit (basis: 2-1-234.1.2)	Y	
Part 2	Recordkeeping (basis: 2-1-234.1.2)	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - I**  
**Source-specific Applicable Requirements**  
**S28 - ADDITIVE STORAGE TANK - FIXED ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (10/18/2006)</b>		
8-5-301	Storage tank control requirements [ $\leq 37.5$ cu. m.( $\leq 9906$ gallon)]	N	
8-5-302	Requirements for submerged fill pipes	N	
8-5-331	Tank cleaning requirements	N	
8-5-331.1	Cleaning agents specifications	N	
8-5-331.2	Steam usage prohibition	N	
8-5-331.3	Steam usage limitations	N	
8-5-332	Sludge handling requirements	N	
8-5-332.1	Sludge container – no leakage	N	
8-5-332.2	Sludge container gap specifications	N	
8-5-501	Records	N	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	N	
8-5-502	Tank Degassing Annual Source Test Requirement	N	
8-5-501.3	Retain all records, reports, etc.	N	
<b>SIP Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (6/5/2003)</b>		
8-5-301	Storage tank control requirements [smaller than 150 cu. m.(39,636 gallon)]		
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<b>Condition # 26348</b>			
Part 1	Throughput limit (basis: Regulation 2-1-234.1.2)	Y	
Part 2	Recordkeeping (basis: Regulation 2-1-234.1.2)	Y	

## IV. Source-specific Applicable Requirements

**Table IV-J**  
**S31, Emergency Standby Diesel Fire Pump**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 6, Rule 1</b>	<b>Particulate Matter, General Requirements (12/5/07)</b>		
6-1-303	Ringelmann Number 2 Limitation	N	
6-1-303.1	Ringelmann Number 2 Limitation for engines	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-401	Appearance of Emissions	N	
<b>SIP Regulation 6</b>	<b>Particulate Matter and Visible Emissions (9/4/98)</b>		
6-303	Ringelmann Number 2 Limitation	Y	
6-303.1	Ringelmann Number 2 Limitation for engines	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-401	Appearance of Emissions	Y	
<b>BAAQMD Regulation 9, Rule 1</b>	<b>Inorganic Gaseous Pollutants - Sulfur Dioxide (3/15/95)</b>		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-304	Fuel Burning (Liquid and Solid Fuels)	Y	
<b>BAAQMD Regulation 9, Rule 8</b>	<b>Inorganic Gaseous Pollutants-Nitrogen Oxides from Stationary Engines (7/25/07)</b>		
9-8-330	Emergency Standby Engines, Hours of Operation	N	
9-8-330.1	Unlimited hours during emergency	N	
9-8-330.3	Reliability related hours of operation	N	
9-8-530	Emergency standby engines, monitoring and recordkeeping	N	
<b>40 CFR 63 Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)</b>		
63.1	Applicability	Y	
63.2	Definitions	Y	
63.3	Units and abbreviations	Y	

## IV. Source-specific Applicable Requirements

**Table IV-J**  
**S31, Emergency Standby Diesel Fire Pump**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.4	Prohibited activities and circumvention	Y	
63.5	Construction and reconstruction	Y	
63.6	Compliance with standards and maintenance requirements	Y	
63.7	Performance testing requirements	Y	
63.8	Monitoring requirements	Y	
63.9	Notification requirements	Y	
63.10	Recordkeeping and reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of EPA Regional Offices	Y	
63.14	Incorporation by Reference	Y	
63.15	Availability of Information and confidentiality	Y	
<b>40 CFR 63 Subpart ZZZZ</b>	<b>National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (01/18/2008)</b>		
63.6585	Applicability	Y	
63.6585(a)	Applicable to stationary RICE	Y	
63.6585(c)	Applicable to area source of HAPs	Y	
63.6590	Subject to subpart ZZZZ	Y	
63.6590(a)(1)(i) ii)	Existing stationary RICE at an area source of HAPs	Y	
63.6595	Compliance Schedule to 40 CFR 63, Subpart ZZZZ	Y	
63.6595(a)(1)	Comply with the applicable emission limitation and operating limitations no later than May 3, 2013	Y	
63.6603	Emission Limitations and Operating Limitations for Existing Stationary RICE located at an area source of HAP emissions	Y	
63.6603(a), Table 2d, part 4	Change oil and filter every 500 hours of operation or annually, whichever comes first; Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	Y	
63.6605	General Requirements	Y	
63.6605(a)	Comply with the emission limitations and operating limitations at all times	Y	
63.6605(b)	Safety and good air pollution control practices for minimizing	Y	

#### IV. Source-specific Applicable Requirements

**Table IV-J  
 S31, Emergency Standby Diesel Fire Pump**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
	emissions		
63.6625	Monitoring, Installation, Operation, and Maintenance Requirements	Y	
63.6625(e)(3)	Operate and maintain engine and after-treatment control device (if any) in a manner consistent with good air pollution control practice for minimizing emissions	Y	
63.6625(f)	Install a non-resettable hour meter if one is not already installed	Y	
63.6625(h)	Minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes	Y	
63.6635	Monitor and Collect Data to Demonstrate Continuous Compliance	Y	
63.6640	Demonstrate Continuous Compliance with the Emission Limitations and Operating Limitations	Y	
63.6640(f)(1)	Requirements for an existing emergency stationary RICE located at an area source of HAP emissions.	Y	
63.6645	Notification, Reports, and Records	Y	
63.6645(a)(2)	Submit notification in §§63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), 63.9(b) through (e), and (g) and (h) that apply	Y	
63.6655	Recordkeeping	Y	
63.6655(a)	Recordkeeping with the emission and operating limitations	Y	
63.6655(e)(2)	Keep records of the maintenance conducted on an existing emergency RICE	Y	
63.6660	Recordkeeping	Y	
<b>CCR, Title 17, Section 93115</b>	<b>ATCM for Stationary Compression Ignition Engines</b>		
93115.3(n)	Exempts In-Use Fire Pump Engines from requirements of Section 93115.6(b)(3)	N	
93115.5	Fuel Requirements	N	
93115.10(e)(1)	Monitoring Equipment	N	
93115.10(g)	Reporting Requirements for Emergency Standby Engines	N	
<b>BAAQMD Condition # 24924</b>			

#### IV. Source-specific Applicable Requirements

**Table IV-J  
 S31, Emergency Standby Diesel Fire Pump**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
Part 1	Hours of operation for reliability-related activities (basis: "Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.3(n))	N	
Part 2	Operation for specific purposes (basis: "Stationary Diesel Engine ATCM" CA Code of Regulations, Title 17, Section 93115.4(a)(29), Regulation 9-8-230)	N	
Part 3	Operating hour or fuel usage meter requirements (basis: "Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.10(e)(1))	N	
Part 4	Record keeping (basis: Regulation 9-8-530, 2-6-501, and "Stationary Diesel Engine ATCM" section 93115,10(g))	N	

**Table IV - K  
 Source-specific Applicable Requirements  
 S40 - PIPELINE SURGE SYSTEM CONSISTING OF 5 SURGE VESSELS**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 1</b>	<b>General Provisions and Definitions (5/4/2011)</b>		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	
1-523.1	Parametric monitor periods of inoperation	Y	
1-523.2	Limits on periods of inoperation	Y	
1-523.3	Reports of Violations	N	
1-523.4	Records	Y	
1-523.5	Maintenance and calibration	N	
<b>SIP Regulation 1</b>	<b>General Provisions and Definitions (6/28/99)</b>		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	
1-523.3	Reports of Violations	Y	
<b>BAAQMD Regulation 8, Rule 2</b>	<b>Organic Compounds – Miscellaneous Operations (7/20/05)</b>		

#### IV. Source-specific Applicable Requirements

**Table IV - K**  
**Source-specific Applicable Requirements**  
**S40 - PIPELINE SURGE SYSTEM CONSISTING OF 5 SURGE VESSELS**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-2-301	Miscellaneous operations - emissions less than 15 lb/day and concentration less than 300 ppm	Y	
<b>BAAQMD Condition #15574</b>			
part 1	Surge vessel daily and annual turnover limits (basis: cumulative increase)	Y	
part 2	Abatement device requirement (basis: cumulative increase)	Y	
part 3	Material vapor pressure limit requirement (basis: cumulative increase)	Y	
part 4	Record keeping, material type and surge vessel turnover and breakout tank switchover requirement (basis: Regulation 2-6-501; cumulative increase)	Y	

**Table IV - L**  
**Source-specific Applicable Requirements**  
**S47, S48 - OIL-WATER SEPARATORS**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 8</b>	<b>Organic Compounds - Wastewater (Oil-Water) Separators (9/15/2004)</b>		
8-8-301	Wastewater separators greater than 760 liters per day (200 gallons/day) and smaller than 18.9 liters per second (300 gallons/minute)	N	
8-8-301.1	Solid, vapor-tight, full contact fixed cover requirements	N	
8-8-303	Gauging and Sampling Devices requirements	N	
8-8-305	Oil/water Separator and/or Air Flotation Unit slop oil vessels	N	
8-8-305.1	Solid, gasketed, fixed cover, etc. requirements	N	
8-8-306	Oil/water Separator Effluent Channel, Pond, Trench, or Basin	N	
8-8-306.1	Solid, gasketed, fixed cover, etc. requirements	N	

#### IV. Source-specific Applicable Requirements

**Table IV - L**  
**Source-specific Applicable Requirements**  
**S47, S48 - OIL-WATER SEPARATORS**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-8-308	Junction Box requirements	N	
8-8-501	Bypassed wastewater record keeping requirements	N	
8-8-503	Inspection and repairs record keeping requirements	N	
<b>SIP Regulation 8, Rule 8</b>	<b>Organic Compounds - Wastewater (Oil-Water) Separators (8/29/94)</b>		
8-8-301	Wastewater separators greater than 760 liters per day (200 gallons/day) and smaller than 18.9 liters per second (300 gallons/minute)	Y	
8-8-301.1	Solid, vapor-tight, full contact fixed cover requirements	Y	
8-8-303	Gauging and Sampling Devices requirements	Y	
8-8-305	Oil/water Separator and/or Air Flotation Unit slop oil vessels	Y	
8-8-305.1	Solid, gasketed, fixed cover, etc. requirements	Y	
8-8-306	Oil/water Separator Effluent Channel, Pond, Trench, or Basin	Y	
8-8-306.1	Solid, gasketed, fixed cover, etc. requirements	Y	
8-8-308	Junction Box requirements	Y	
8-8-501	Bypassed wastewater record keeping requirements	Y	
8-8-503	Inspection and repairs record keeping requirements	Y	
<b>BAAQMD Condition # 21509</b>			
part 1	Processing rate limit (basis: cumulative increase; toxic risk screen)	Y	
part 2	Leak concentration limit (basis: vapor tight as defined in Regulation 8-8-204; 8-18-301)	Y	
part 3	Abatement requirements by carbon beds (basis: cumulative increase; toxic risk screen)	Y	
part 4	Recordkeeping (basis: Regulation 8-8-503; cumulative increase; toxic risk screen)	Y	

#### IV. Source-specific Applicable Requirements

**Table IV – M**  
**Source-specific Applicable Requirements**  
**S1000 - SUMP TANK D-3, STOCKTON LINE**  
**S1002 – SUMP TANK D-10, SACRAMENTO LINE**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (10/18/2006)</b>		
8-5-301	Storage tank control requirements [ $\leq 37.5$ cu. m. ( $\leq 9906$ gallon)]	N	
8-5-302	Requirements for submerged fill pipes	N	
8-5-331	Tank cleaning requirements	N	
8-5-331.1	Cleaning agents specifications	N	
8-5-331.2	Steam usage prohibition	N	
8-5-331.3	Steam usage limitations	N	
8-5-332	Sludge handling requirements	N	
8-5-332.1	Sludge container – no leakage	N	
8-5-332.2	Sludge container gap specifications	N	
8-5-501	Records	N	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	N	
8-5-502	Tank Degassing Annual Source Test Requirement	N	
<b>SIP Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (6/5/2003)</b>		
8-5-301	Storage tank control requirements [smaller than 150 cu. m. (39,636 gallon)]	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<b>40 CFR 63 Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)</b>		
63.1	Applicability	Y	
63.2	Definitions	Y	
63.3	Units and abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.5	Construction and reconstruction	Y	

#### IV. Source-specific Applicable Requirements

**Table IV – M**  
**Source-specific Applicable Requirements**  
**S1000 - SUMP TANK D-3, STOCKTON LINE**  
**S1002 – SUMP TANK D-10, SACRAMENTO LINE**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.6	Compliance with standards and maintenance requirements	Y	
63.7	Performance testing requirements	Y	
63.8	Monitoring requirements	Y	
63.9	Notification requirements	Y	
63.10	Recordkeeping and reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of EPA Regional Offices	Y	
63.14	Incorporation by Reference	Y	
63.15	Availability of Information and confidentiality	Y	
<b>40 CFR 63 Subpart BBBBBB</b>	National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities (1/24/2011)		
63.11080	Purpose of this subpart	Y	
63.11081(a)	Applicability requirements	Y	
63.11082	Parts of facility covered by this subpart	Y	
63.11083(b)	Compliance date	Y	
63.11087(a)	Table 1: Applicable emission limit and management practice	Y	
63.11087(c)	Testing and Monitoring requirements	Y	
63.11087(d)	Notification requirements	Y	
63.11087(e)	Recordkeeping and Report submission requirements	Y	
63.11093	Notification requirements	Y	
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	Y	
63.11100	Definitions	Y	
<b>BAAQMD Condition # 15859</b>			
part 1	Material throughput limit, yearly (basis: cumulative increase)	Y	
part 2	Record keeping requirement (basis: Regulation 2-6-501, cumulative increase)	Y	

## IV. Source-specific Applicable Requirements

**Table IV - N**  
**Source-specific Applicable Requirements**  
**S49 - OIL-WATER SEPARATOR**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 8, Rule 8</b>	<b>Organic Compounds - Wastewater (Oil-Water) Separators (9/15/2004)</b>		
8-8-301	Wastewater separators greater than 760 liters per day (200 gallons/day) and smaller than 18.9 liters per second (300 gallons/minute)	N	
8-8-301.1	Solid, vapor-tight, full contact fixed cover requirements	N	
8-8-303	Gauging and Sampling Devices requirements	N	
8-8-305	Oil/water Separator and/or Air Flotation Unit slop oil vessels	N	
8-8-305.1	Solid, gasketed, fixed cover, etc. requirements	N	
8-8-306	Oil/water Separator Effluent Channel, Pond, Trench, or Basin	N	
8-8-306.1	Solid, gasketed, fixed cover, etc. requirements	N	
8-8-308	Junction Box requirements	N	
8-8-501	Bypassed wastewater record keeping requirements	N	
8-8-503	Inspection and repairs record keeping requirements	N	
<b>SIP Regulation 8, Rule 8</b>	<b>Organic Compounds - Wastewater (Oil-Water) Separators (8/29/94)</b>		
8-8-301	Wastewater separators greater than 760 liters per day (200 gallons/day) and smaller than 18.9 liters per second (300 gallons/minute)	Y	
8-8-301.1	Solid, vapor-tight, full contact fixed cover requirements	Y	
8-8-303	Gauging and Sampling Devices requirements	Y	
8-8-305	Oil/water Separator and/or Air Flotation Unit slop oil vessels	Y	
8-8-305.1	Solid, gasketed, fixed cover, etc. requirements	Y	
8-8-306	Oil/water Separator Effluent Channel, Pond, Trench, or Basin	Y	
8-8-306.1	Solid, gasketed, fixed cover, etc. requirements	Y	
8-8-308	Junction Box requirements	Y	
8-8-501	Bypassed wastewater record keeping requirements	Y	
8-8-503	Inspection and repairs record keeping requirements	Y	
<b>BAAQMD Condition # 25392</b>			

#### IV. Source-specific Applicable Requirements

**Table IV - N**  
**Source-specific Applicable Requirements**  
**S49 - OIL-WATER SEPARATOR**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
Part 1	Processing rate limit (basis: Cumulative Increase; Toxics)	Y	
Part 2	Abatement requirement by A-1, Vapor Burner System (basis: Regulation 8-8-302, BACT; Toxics)	Y	
Part 3	Recordkeeping (basis: Cumulative Increase)	Y	

**Table IV - O**  
**Source-specific Applicable Requirements**  
**S50 - OIL-WATER SEPARATOR**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 8, Rule 8</b>	<b>Organic Compounds - Wastewater (Oil-Water) Separators (9/15/2004)</b>		
8-8-301	Wastewater separators greater than 760 liters per day (200 gallons/day) and smaller than 18.9 liters per second (300 gallons/minute)	N	
8-8-301.1	Solid, vapor-tight, full contact fixed cover requirements	N	
8-8-303	Gauging and Sampling Devices requirements	N	
8-8-305	Oil/water Separator and/or Air Flotation Unit slop oil vessels	N	
8-8-305.1	Solid, gasketed, fixed cover, etc. requirements	N	
8-8-306	Oil/water Separator Effluent Channel, Pond, Trench, or Basin	N	
8-8-306.1	Solid, gasketed, fixed cover, etc. requirements	N	
8-8-308	Junction Box requirements	N	
8-8-501	Bypassed wastewater record keeping requirements	N	
8-8-503	Inspection and repairs record keeping requirements	N	
<b>SIP Regulation 8, Rule 8</b>	<b>Organic Compounds - Wastewater (Oil-Water) Separators (8/29/94)</b>		
8-8-301	Wastewater separators greater than 760 liters per day (200 gallons/day) and smaller than 18.9 liters per second (300 gallons/minute)	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - O**  
**Source-specific Applicable Requirements**  
**S50 - OIL-WATER SEPARATOR**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-8-301.1	Solid, vapor-tight, full contact fixed cover requirements	Y	
8-8-303	Gauging and Sampling Devices requirements	Y	
8-8-305	Oil/water Separator and/or Air Flotation Unit slop oil vessels	Y	
8-8-305.1	Solid, gasketed, fixed cover, etc. requirements	Y	
8-8-306	Oil/water Separator Effluent Channel, Pond, Trench, or Basin	Y	
8-8-306.1	Solid, gasketed, fixed cover, etc. requirements	Y	
8-8-308	Junction Box requirements	Y	
8-8-501	Bypassed wastewater record keeping requirements	Y	
8-8-503	Inspection and repairs record keeping requirements	Y	
<b>BAAQMD Condition # 26112</b>			
Part 1	Processing rate limit (basis: Cumulative Increase)	Y	
Part 2	Abatement by A-50 Carbon Adsorption System (basis: Cumulative Increase; BACT)	Y	
Part 3	Monitor A-50 with FID or other approved method for breakthrough (basis: Cumulative Increase, BACT)	Y	
Part 4	Monitoring of A-50 (basis: Cumulative Increase; BACT)	Y	
Part 5	Change out limit for second to last carbon vessel of A-50 (basis: Cumulative Increase; BACT)	Y	
Part 6	Change out limit for last carbon vessel of A-50 (basis: Cumulative Increase; BACT)	Y	
Part 7	Recordkeeping (basis: Cumulative Increase)	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - P**  
**Source-specific Applicable Requirements**  
**COMPONENTS**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 8, Rule 18</b>	<b>Organic Compounds-Equipment Leaks (12/16/2015)</b>		
8-18-301	General limits	Y	
8-18-302	Valves	N	
8-18-303	Pumps and compressors	N	
8-18-304	Connectors	N	
8-18-305	Pressure relief devices	N	
8-18-306	Non-repairable equipment	N	
8-18-306.1	Any essential equipment leak determination.	N	
8-18-306.2	Total number of non-repairable equipment allowed	N	
8-18-306.3	Non-repairable connection	N	
8-18-306.4	Essential equipment is repaired or replaced	N	
8-18-307	Liquid Leaks	Y	
8-18-308	Alternate compliance	Y	
8-18-309	Open-Ended Valve or Line	N	
8-18-310	Recurrent Leaks	N	
8-18-311	Mass Emissions	N	
8-18-401	Inspection requirements	N	
8-18-402	Identification requirements	N	
8-18-403	Visual inspection requirements for pumps and compressors	N	
8-18-404	Alternate inspection schedule for valves	N	
8-18-405	Alternate emission reduction plan	N	
8-18-406	Interim Compliance	N	
8-18-407	Recurrent Leak Schedule	N	
8-18-501	Portable Hydrocarbon Detector	N	
8-18-502	Records	N	
8-18-503	Reports	N	
<b>SIP Regulation 8, Rule 18</b>	<b>Organic Compounds - Equipment Leaks (6/5/2003)</b>		
8-18-301	General	Y	
8-18-302	Valves	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - P**  
**Source-specific Applicable Requirements**  
**COMPONENTS**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-18-303	Pumps and Compressors	Y	
8-18-304	Connections	Y	
8-18-305	Pressure Relief Devices	Y	
8-18-306	Non-Repairable Equipment	Y	
8-18-306.1	Repair within 5 years or next scheduled turnaround	Y	
8-18-306.2	Limit on valves, etc. awaiting repair	Y	
8-18-306.3	Measurement and limit on mass emission, and repair requirements	Y	
8-18-307	Liquid Leak	Y	
8-18-308	Alternate compliance	Y	
8-18-401	Inspection requirements	Y	
8-18-402	Identification requirements	Y	
8-18-403	Visual inspection requirements for pumps and compressors	Y	
8-18-404	Alternate inspection schedule for valves	Y	
8-18-405	Alternate emission reduction plan	Y	
8-18-501	Portable Hydrocarbon Detector	Y	
8-18-502	Records	Y	
<b>SIP Regulation 8, Rule 25</b>	<b>Organic Compounds, Pump and Compressor Seals at Petroleum Refinery Complexes, Chemical Plants, Bulk Plants and Bulk Terminals (3/7/95)</b>		
8-25-301	Pump and compressor operating requirements	Y	
8-25-302	Pumps	Y	
8-25-303	Compressors	Y	
8-25-304	Non-repairable pumps and compressors	Y	
8-25-305	New or Replaced pumps and compressors	Y	
8-25-306	Repeat Leakers	Y	
8-25-307	Liquid Leak	Y	
8-25-401	Measurement schedule	Y	
8-25-402	Inspection plan	Y	
8-25-403	Visual inspection schedule	Y	
8-25-405	Identification requirements	Y	
8-25-406	Tagging requirements	Y	
<b>40 CFR 63 Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)</b>		

#### IV. Source-specific Applicable Requirements

**Table IV - P**  
**Source-specific Applicable Requirements**  
**COMPONENTS**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.1	Applicability	Y	
63.2	Definitions	Y	
63.3	Units and abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.5	Construction and reconstruction	Y	
63.6	Compliance with standards and maintenance requirements	Y	
63.7	Performance testing requirements	Y	
63.8	Monitoring requirements	Y	
63.9	Notification requirements	Y	
63.10	Recordkeeping and reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of EPA Regional Offices	Y	
63.14	Incorporation by Reference	Y	
63.15	Availability of Information and confidentiality	Y	
<b>40 CFR 63 Subpart BBBBBB</b>	National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities (1/24/2011)		
63.11080	Purpose of this subpart	Y	
63.11081(a)	Applicability requirements	Y	
63.11082	Parts of facility covered by this subpart	Y	
63.11083(b)	Compliance date	Y	
63.11089(a)	Monthly leak inspection of all equipment	Y	
63.11089(b)	Each completed inspection entered and signed in a logbook. Logbook shall also contain a list, summary description or diagram showing the location of all equipment.	Y	
63.11089(c)	Each detection of leak shall be recorded in a logbook. Initial attempt to repair leak be made within 5 calendar days of leak detection. Repair or replacement of leaking equipment be completed within 15 calendar days of leak detection of each leak	Y	
63.11089(d)	Delay of repair of leaking equipment allowed if repair is not feasible within 15 days. Reason for delay shall be reported in semiannual report	Y	
63.11093	Notification requirements	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - P**  
**Source-specific Applicable Requirements**  
**COMPONENTS**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.11094(d)	Prepare and maintain a record describing the types, identification numbers, and location of all equipment in gasoline service. For facilities electing to implement instrument program, the record shall contain full description of the program.	Y	
63.11094(e)	Leak information to be recorded in the logbook	Y	
63.11095(a) (3)	Semiannual compliance report including number of equipment leaks not repaired within 15 days after detection	Y	
63.11095(b) (5)	Excess emission report with semiannual compliance report shall include each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection	Y	
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	Y	
63.11100	Definitions	Y	

## **V. SCHEDULE OF COMPLIANCE**

The permit holder shall comply with all applicable requirements cited in this permit. The permit holder shall also comply with applicable requirements that become effective during the term of this permit on a timely basis.

## **VI. PERMIT CONDITIONS**

### **CONDITION #5531**

For S1, S2, Storage Tanks

1. The total liquid throughput for each storage tanks, S1 and S2, shall not exceed 3,175,200 gallons during any consecutive 12 month period. (basis: cumulative increase)
2. In order to demonstrate compliance with the above condition, the owner/operator of tanks, S1 and S2, shall maintain the following records in a District approved logbook. These records shall be kept on site and made available for District inspection for a period of at least 60 months from the date that the record was made. (basis: Regulation 2-6-501, Regulation 8-5- 501)
  - a. The type and VOC content of all materials stored and the dates that the materials were stored.
  - b. The total daily throughput of each material stored, summarized on a monthly basis.
3. SFPP, L.P. shall notify the District at least three days before the tanks are put into service so that they may be inspected. (basis: Regulation 8-5-401)
4. The owner/operator shall ensure that the resilient toroidal primary seal shall be liquid mounted whenever any tank is in operation. (basis: Regulation 8-5-321.2)

### **CONDITION #13143**

For S3, S5, S6, S7, S8, S9, S10, S11, S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, and S26, Tanks

(Revision: Application # 25866)

1. The owner/operator shall abate emissions from sources S3, S5 thru S13, and S18 thru S26 by A1, Vapor Burner System, during all periods of operation except when roofs of all the above sources are floating on product. (basis: cumulative increase)
2. The owner/operator shall maintain Volatile Organic Compound (VOC) destruction efficiency of A1, Vapor Burner System, at a minimum of 99.8% by weight. (basis: cumulative increase)
3. The owner/operator shall properly maintain and keep A1, Vapor Burner System, in good operating condition at all times. The minimum operating temperature of A1 shall be maintained at a minimum of 1200 degrees F, and a residence time of 0.5

## VI. Permit Conditions

second. This minimum temperature may be adjusted by the District if the source test in Part Number 7 indicates that an alternative temperature can achieve the destruction efficiency specified in Part Number 2. (basis: cumulative increase)

4. To determine compliance with Part Number 3, the owner/operator shall equip A1, Vapor Burner System, with continuous temperature measuring and recording instrumentation consisting of at least 1 temperature probe in A1 and at least one recording device, which will continuously record temperature. (basis: cumulative increase)
5. The temperature measuring and recording instrumentation to be installed and the specific placement within A1 of each of the temperature probes specified in Part Number 4 shall be subject to the prior approval of the Source Test Section of the District Technical Division. (basis: cumulative increase)
6. The owner/operator shall maintain temperature data collected from the temperature recorder in a file that shall be available for District inspection for a period of at least 5 years following the last date of entry. (basis: Regulation 2-6-501; cumulative increase)
7. The owner/operator of these sources shall conduct an efficiency test annually to determine the weight percent reduction of VOC emissions through A1, Vapor Burner System. All test results shall be provided to the District within 60 days after testing has occurred. All source test methods shall be subject to the prior approval of the Source Test Section of the District's Technical Division. Records of the test reports shall be kept on site for at least five years from the date of test and be made available to the District staff for inspection. (basis: Regulation 2-6-501; cumulative increase)
8. The owner/operator of these sources shall maintain the following records for each day of operation of the abatement device A1:
  - a. The hours and time of operation.
  - b. For the days that an emission test or analysis is performed, the results shall be logged.

These records shall be retained for at least five years from date of entry and be made available to District staff upon request. (basis: Regulation 2-6-501; cumulative increase)

9. The owner/operator shall not exceed a total throughput of 1,400 million gallons of gasoline and 352 million gallons of jet/kerosene at sources S-5, S-6, S-7, S-8, S-9, S-11, and S-12 in any consecutive 12-month period. (basis: cumulative increase)

## VI. Permit Conditions

10. The owner/operator shall not exceed a total material throughput of 504 million gallons at source S10 during any consecutive 12-month period. (basis: cumulative increase)
11. The owner/operator shall not exceed a total throughput of 2,700 million gallons of gasoline and jet fuel at sources S-3, S-13, S-18, S-19, S-20, S-21, S-22, S-23, S-24, S-25, and S-26 during any consecutive 12-month period. (basis: Regulation 2-1-234.1.2)
12. In order to demonstrate compliance with Part numbers 9 through 11, the owner/operator of S-3, S-5 thru S-13, and S-18 thru S-26 shall maintain the following records in a District approved logbook. These records shall be kept on site for at least five years from the date the record is made, and be made available to the District staff for inspection.
  - a. The type and VOC content of all materials stored and the dates that the materials were stored.
  - b. The total daily throughput of each material stored, and summarized on a monthly basis.(basis: Regulation 2-6-501; Regulation 2-1-234.1.2)

### CONDITION # 15574

For S40, Pipeline surge system

(Revised: Application #2732, Application #5509)

1. The owner/operator of S-40 shall not exceed 30 switchover of storage tanks per day on an annual average basis (10,950 switchover/consecutive 365 day period), and a maximum of 45 switchover on any single day.  
(basis: cumulative increase)
2. The owner/operator of S-40 shall abate the surge system by the vapor burner, A1, during all venting operations. (basis: cumulative increase)
3. The owner/operator shall pump materials, only with true vapor pressure not greater than 11.0 psia at 70 degree F through S40. (basis: cumulative increase)
4. In order to demonstrate compliance with the above conditions, the owner/operator of S40 shall maintain the following records in a District approved log. These records shall be kept on site and be made available for District inspection for a period of at least five years from the date that the record was made:
  - a. Daily switchover of storage tanks .
  - b. The daily switchover shall be totaled every 365 consecutive day period.(basis: Regulation 2-6-501, cumulative increase)

## VI. Permit Conditions

### **CONDITION #15859**

For S1000, and S1002, SUMP TANKS  
(Revision: Application # 14869)

1. The owner/operator of sources S1000, and S1002 shall not exceed a combined total throughput of 750,000 gallons combined during any consecutive twelve-month period. (basis: cumulative increase)
2. In order to demonstrate compliance with the above condition, the owner/operator shall maintain the following records in a District approved log. These records shall be kept on site and made available for District inspection for a period of at least five years from the date on which a record is made.
  - a. The type and amount of each material stored.
  - b. Quantities shall be totaled on a quarterly basis.  
(basis: cumulative increase; recordkeeping)

### **CONDITION # 21509**

For oil/water separators, S47 & S48:

1. The owner/operator shall not exceed groundwater processing limit of 21,600 gallons per day at S-47 and S-48.  
(basis: cumulative increase; toxic risk screen)
2. The owner/operator shall have all the openings of the separators kept closed with well gasketed covers at all times except when the opening is used for inspection and maintenance of the separators. The detectable leak emissions of organic compounds shall not exceed the limit of 100 ppm above background.  
(basis: Regulation 8-18-301)
3. The owner/operator shall abate emissions from S-47 & S-48 by two granular activated carbon beds, A-7 & A-8, arranged in series at all times of operation. The volatile organic compound emissions from carbon adsorption system shall be monitored with a flame ionization detector(OVA-FID) at the start-up and bi-weekly thereafter for carbon breakthrough.  
(basis: cumulative increase; toxic risk screen)
4. The owner/operator shall keep the following records in a District approved log for at least five years from the date of data entry, and make it available to the District staff upon request:
  - a. groundwater processing rate to demonstrate compliance with condition 1.
  - b. POC concentration in the exhaust of A-8 to demonstrate compliance with condition 3.  
(basis: cumulative increase; toxic risk screen)

## VI. Permit Conditions

### CONDITION # 24924

For Emergency Standby Diesel Fire Pump, S31

1. The owner/operator shall limit the operation of S31 for reliability-related activities to no more than 34 hours per year which is the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25. This emergency fire pump is subject to the current National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems." [Basis: "Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.3(n)]
2. The owner/operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emission limits is not limited. [Basis: "Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.4(a)(29), BAAQMD Regulation 9-8-230]
3. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained. [Basis: BAAQMD Regulation 9-8-530, "Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.10(d)(1)]
4. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic Minor Operating Permit). Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.
  - a. Hours of operation for reliability-related activities (maintenance and testing).
  - b. Hours of operation for emission testing to show compliance with emission limits.
  - c. Hours of operation (emergency).
  - d. For each emergency, the nature of the emergency condition.
  - e. Fuel usage for each engine(s).

[Basis: BAAQMD Regulation 9-8-530, 2-6-501, and "Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.10(g)]

## **VI. Permit Conditions**

### **CONDITION # 25392**

For Oil-Water Separator, S49

1. The owner/operator of S-49 shall ensure that wastewater throughput at S-49 does not exceed 9,125,000 gallons during any consecutive twelve-month period. (Basis: Cumulative Increase; Regulation 2, Rule 5)
2. The owner/operator shall abate POC emissions from S-49 with Abatement Device A-1, Vapor Burner System, during all periods of operation. (Basis: Regulation 8-8-302; BACT; Regulation 2, Rule 5)
3. The owner/operator of S-49 shall maintain the following records for each month of operation of the source:
  - a. Quantities of wastewater processed.
  - b. Monthly throughput shall be totaled for each consecutive twelve-month period. All records shall be retained on-site for five years, from the date of entry, and made available for inspection by District staff upon request. These recordkeeping requirements shall not replace the recordkeeping requirements contained in any applicable District Regulations. (Basis: Cumulative Increase)
4. Deleted (requirement to shutdown S-27 Oil-Water Separator has been met).

### **CONDITION # 26112**

For Oil-Water Separator, S50

1. The owner/operator of S-50 shall ensure that the groundwater throughput S-50 does not exceed 3,942,000 gallons during any consecutive twelve-month period. (Basis: Cumulative Increase)
2. The owner/operator shall vent Source S-50 at all times to Abatement Device A-50, two (200 lb minimum capacity) activated carbon vessels arranged in series. (Basis: Cumulative Increase; BACT)
3. The owner/operator of S-50 shall monitor with a flame-ionization detector (FID), or other method approved in writing by the Air Pollution Control Officer at the following locations:
  - a. At the inlet to the second to last carbon vessel in series.
  - b. At the inlet to the last carbon vessel in series.
  - c. At the outlet of the carbon vessel that is last in series prior to venting to the atmosphere.

## VI. Permit Conditions

When using an FID to monitor breakthrough, readings may be taken with and without a carbon filter tip fitted on the FID probe. Concentrations measured with the carbon filter tip in place shall be considered methane for the purposes of these permit conditions. (Basis: Cumulative Increase; BACT)

4. The owner/operator shall record these monitor readings in a monitoring log at the time they are taken. The monitoring results shall be used to estimate the frequency of carbon change-out necessary to maintain compliance with parts 5 and 6, and shall be conducted on a weekly basis. The owner/operator of this source may propose for District review, based on actual measurements taken at the site during operation of the source, that the monitoring schedule be changed based on the decline in organic emissions and/or the demonstrated breakthrough rates of the carbon vessels. Written approval by the District's Engineering Division must be received by the owner/operator prior to a change to the monitoring schedule. (Basis: Cumulative Increase)
5. The owner/operator shall change out the second to last carbon vessel with unspent carbon upon breakthrough, defined as the detection at its outlet of the higher of the following:
  - a. 10 % of the inlet stream concentration to the carbon vessel.
  - b. 100 ppmv or greater (expressed as C1).(Basis: Cumulative Increase; BACT)
6. The owner/operator shall change out the last carbon vessel with fresh carbon within 24 hours upon detection at its outlet of 100 ppmv or greater (expressed as C1). (Basis: Cumulative Increase; BACT)
7. The owner/operator of S-50 shall maintain the following records for each month of operation of the source:
  - a. Quantities of groundwater processed.
  - b. Monthly throughput shall be totaled for each consecutive twelve-month period.
  - c. Each monitor reading or analysis result.
  - d. The dates and the number of carbon beds removed from service.All records shall be retained on-site for five years, from the date of entry, and made available for inspection by District staff upon request. These recordkeeping requirements shall not replace the recordkeeping requirements contained in any applicable District Regulations. (Basis: Cumulative Increase)

## VI. Permit Conditions

### CONDITION # 26348

For Additive Storage Tank - Fixed Roof, S28

1. The owner/operator of S-28 shall ensure that the following throughput limit is not exceeded during any consecutive twelve-month period:  
Isopropyl Alcohol      10,000 Gallons  
(Basis: Regulation 2-1-234.1.2)
2. To determine compliance with the above parts, the owner/operator shall maintain the following records and provide all of the data necessary to evaluate compliance with the above parts, including the following information:
  - a. Quantities of each type of liquid stored at this source on a monthly basis.
  - b. Monthly throughput shall be totaled for each consecutive twelve-month period.All records shall be retained on-site for five years, from the date of entry, and made available for inspection by District staff upon request. These recordkeeping requirements shall not replace the recordkeeping requirements contained in any applicable District Regulations. (Basis: Regulation 2-1-234.1.2)

### CONDITION # 26352

For STORAGE TANK - EXTERNAL FLOATING ROOF, S4

1. The owner/operator of S-4 shall ensure that the following throughput limits are not exceeded during any consecutive twelve-month period:  
Jet Fuel      82,000,000 Gallons  
(Basis: Regulation 2-1-234.1.2)
2. To determine compliance with the above parts, the owner/operator shall maintain the following records and provide all of the data necessary to evaluate compliance with the above parts, including the following information:
  - a. Quantities of each type of liquid stored at this source on a monthly basis.
  - b. Monthly throughput shall be totaled for each consecutive twelve-month period.All records shall be retained on-site for five years, from the date of entry, and made available for inspection by District staff upon request. These recordkeeping requirements shall not replace the recordkeeping requirements contained in any applicable District Regulations. (Basis: Regulation 2-1-234.1.2)

### CONDITION # 26353

For STORAGE TANK – INTERNAL FLOATING ROOF, S14

1. The owner/operator of S-14 shall ensure that the following throughput limits are not exceeded during any consecutive twelve-month period:  
Jet Fuel      84,000,000 Gallons

## **VI. Permit Conditions**

Diesel Fuel No Limit  
(Basis: Regulation 2-1-234.1.2)

2. To determine compliance with the above parts, the owner/operator shall maintain the following records and provide all of the data necessary to evaluate compliance with the above parts, including the following information:
  - a. Quantities of each type of liquid stored at this source on a monthly basis.
  - b. Monthly throughput shall be totaled for each consecutive twelve-month period.

All records shall be retained on-site for five years, from the date of entry, and made available for inspection by District staff upon request. These recordkeeping requirements shall not replace the recordkeeping requirements contained in any applicable District Regulations. (Basis: Regulation 2-1-234.1.2)

## VII. APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS

This section has been included only to summarize the applicable emission limits contained in Section IV, Source-Specific Applicable Requirements, of this permit. The following tables show the relationship between each emission limit and the associated compliance monitoring provisions, if any. The monitoring frequency column indicates whether periodic (P) or continuous (C) monitoring is required. For periodic monitoring, the frequency of the monitoring has also been shown, using the following codes: annual (A), quarterly (Q), monthly (M), weekly (W), daily (D), or on an event basis (E). No monitoring (N) has been required if the current applicable rule or regulation does not require monitoring, and the operation is unlikely to deviate from the applicable emission limit based upon the nature of the operation.

This section is only a summary of the limits and monitoring requirements. In the case of a conflict with any requirement in Sections I-VI, the preceding sections take precedence over Section VII.

**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
POC	BAAQMD 8-5-303.1	N		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-320.3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-401.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-321.2	N		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-401.1 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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/twice per year at 4 to 8 month intervals	Inspection Certification
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/twice per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-401.1, 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-401.1 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-322.2	N		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	BAAQMD 8-5-401.1, & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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/twice per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-328.1	N		Tank $\geq 75 \text{ m}^3$ , Tank degassing 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/E	Source Test
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling point >302 deg F, true vapor pressure <0.5 psia, or VOC content <50 g/l	N	N	Certification
POC	SIP 8-5-303.1	Y		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	SIP 8-5-320.3.1	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 month intervals	Inspection Certification
POC	SIP 8-5-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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
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
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	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 month intervals	Inspection Certification
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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
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
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
POC	40 CFR 63.11087 (a)	Y	1/10/2011		40 CFR 63.11092(e)(2)	P/E, 60 days/ 1 yr/5 yrs/10 yrs	Visual Inspection, Recordkeeping
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-303.1	N		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection  Certification
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 per year at 4 to 8 month intervals	Inspection  Certification
POC	BAAQMD 8-5-320.3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-401.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection  Certification
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 per year at 4 to 8 month intervals	Inspection  Certification
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 per year at 4 to 8 month intervals	Inspection  Certification
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 per year at 4 to 8 month intervals	Inspection  Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-321.2	N		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-401.1 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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/twice per year at 4 to 8 month intervals	Inspection Certification
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/twice per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-401.1, 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-401.1 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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/twice per year at 4 to 8 month intervals	Inspection Certification
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/twice per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-328.1	N		Tank $\geq 75 \text{ m}^3$ , Tank degassing 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/E	Source Test

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling point >302 deg F, true vapor pressure <0.5 psia, or VOC content <50 g/l	N	N	Certification
POC	SIP 8-5-303.1	Y		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	SIP 8-5-320.3.1	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 month intervals	Inspection Certification
POC	SIP 8-5-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
POC	SIP8-5-321.2	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
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
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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	SIP 8-5-322.1	Y		No holes, tears, or other openings	SIP8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
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
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	SIP 8-5-328.1.2	Y		Tank $\geq 75$ m <sup>3</sup> , Tank cleaning 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test
POC	40 CFR 63.11087 (a)	Y			40 CFR 63.11092(e) (2)	P/E, 60 days/ 1 yr/5 yrs/10 yrs	Visual Inspection, Recordkeeping
Material throughput limit	BAAQMD Condition #13143, part 9	Y		Gasoline: 1,400 million gallons/yr; Jet/Kerosene: 352 million gallons/yr for S5, S6, S7	BAAQMD Condition ID#13143, part 12	P/Daily	Record keeping
Material throughput limit	BAAQMD Condition #13143, part 11	Y		Gasoline & Jet Fuel: 2,700 million gallons/yr for S-3, S-13, S-18, S-19, S-20, S-21, S-22, S-23, S-24, S-25, and S-26	BAAQMD Condition ID#13143, part 12	P/Daily	Record keeping
Temperature	BAAQMD Condition #13143, part 3	Y		1200 degree Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record keeping
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.8%	BAAQMD Condition #13143, part 7	P/Annual	Source Test and Recordkeeping

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-303.1	N		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-320.3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-401.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-321.2	N		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-401.1 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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/twice per year at 4 to 8 month intervals	Inspection Certification
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/twice per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-401.1, 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-401.1 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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/twice per year at 4 to 8 month intervals	Inspection Certification
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/twice per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-328.1	N		Tank $\geq 75$ m <sup>3</sup> , Tank degassing 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/E	Source Test
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling point >302 deg F, true vapor pressure <0.5 psia, or VOC content <50 g/l	N	N	Certification
POC	SIP 8-5-303.1	Y		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	SIP 8-5-320.3.1	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 month intervals	Inspection Certification
POC	SIP 8-5-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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
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
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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	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 month intervals	Inspection Certification
POC	SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
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
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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
POC	40 CFR 63.11087 (a)	Y			40 CFR 63.11092(e)(2)	P/E, 60 days/ 1 yr/5 yrs/10 yrs	Visual Inspection, Recordkeeping
Total Material throughput limit	BAAQMD Condition #26352, part 1	N		82,000,000 gallons/yr of Jet Fuel	BAAQMD Condition #26352, part 2	P/M	Record Keeping

**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
POC	BAAQMD 8-5-303.1	N		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-320.3.1	N		Gasket cover $\leq 0.32 \text{ cm}$ (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-320.3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 yr P/10 yr	Inspection Certification
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 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-402.1, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.3	N		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in); cumulative length of seal gaps exceeding 0.32 cm (1/8 in.) shall be no more than 5% of the tank circumference	BAAQMD 8-5-402.1, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1	N		Tank $\geq 75$ m <sup>3</sup> , Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/E	Source Test
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling point >302 deg F, true vapor pressure <0.5 psia, or VOC content <50 g/l	N	N	Certification
POC	SIP 8-5-303.1	Y		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	SIP 8-5-320.3.1	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 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	SIP 8-5-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection  Certification
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 month intervals	Inspection  Certification
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 month intervals	Inspection  Certification
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 month intervals	Inspection  Certification
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 month intervals	Inspection  Certification
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 month intervals	Inspection  Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 month intervals	Inspection Certification
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
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
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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	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 month intervals	Inspection Certification
POC	SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
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
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	SIP 8-5-328.1.2	Y		Tank $\geq 75$ m <sup>3</sup> , Tank cleaning 90% control, POC concentration < 10,000 ppm	SIP 8-5-502	P/A	Source Test
POC	40 CFR 63.11087 (a)	Y			40 CFR 63.11092(e)(1)	P/E, 1 or 5 or 10 yrs	Visual Inspection, Recordkeeping
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
Temperature	BAAQMD Condition #13143, part 3	Y		1200 degree Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record Keeping
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.8%	BAAQMD Condition #13143, part 7	P/Annual	Source Test, Record Keeping

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-303.1	N		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-320.3.1	N		Gasket cover < 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-320.3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 yr P/10 yr	Inspection Certification
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 yr P/10 yr	Inspection Certification
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 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-402.1, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-322.2	N		Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width	BAAQMD 8-5-402.1, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1	N		Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/E	Source Test
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling point >302 deg F, true vapor pressure <0.5 psia, or VOC content <50 g/l	N	N	Certification
POC	SIP 8-5-303.1	Y		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	SIP 8-5-320.3.1	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 month intervals	Inspection Certification
POC	SIP 8-5-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification

**VII. Applicable Limits and Compliance Monitoring Requirements**

**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
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 month intervals	Inspection Certification
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
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
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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	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 month intervals	Inspection Certification
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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
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
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
POC	40 CFR 63.11087 (a)	Y			40 CFR 63.11092(e)(1)	P/E, 1 or 5 or 10 yrs	Visual Inspection, Recordkeeping
Total Material throughput limit	BAAQMD Condition #13143, part 10	Y		504,000,000 gallons/yr	BAAQMD Condition #13143, part 12	P/Daily	Record Keeping
Temperature	BAAQMD Condition #13143, part 3	Y		1200 degree Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record Keeping
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.8%	BAAQMD Condition #13143, part 7	P/Annual	Source Test, Record Keeping

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-303.1	N		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-320.3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 yr P/10 yr	Inspection Certification
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 yr P/10 yr	Inspection Certification
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 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-402.1, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-322.2	N		Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width	BAAQMD 8-5-402.1, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1	N		Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/E	Source Test
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling point >302 deg F, true vapor pressure <0.5 psia, or VOC content <50 g/l	N	N	Certification
POC	SIP 8-5-303.1	Y		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	SIP 8-5-320.3.1	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 month intervals	Inspection Certification
POC	SIP 8-5-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 month intervals	Inspection Certification
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
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
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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	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 month intervals	Inspection Certification
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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
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
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
POC	40 CFR 63.11087 (a)	Y			40 CFR 63.11092(e)(1)	P/E, 1 or 5 or 10 yrs	Visual Inspection, Recordkeeping
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
Temperature	BAAQMD Condition #13143, part 3	Y		1200 degree Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record Keeping
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.8%	BAAQMD Condition #13143, part 7	P/Annual	Source Test, Record Keeping

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-303.1	N		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection  Certification
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 per year at 4 to 8 month intervals	Inspection  Certification
POC	BAAQMD 8-5-320.3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection  Certification
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 per year at 4 to 8 month intervals	Inspection  Certification
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 per year at 4 to 8 month intervals	Inspection  Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 yr P/10 yr	Inspection Certification
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 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-402.1, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-322.2	N		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	BAAQMD 8-5-402.1, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
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 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1.2	N		Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/E	Source Test
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling point >302 deg F, true vapor pressure <0.5 psia, or VOC content <50 g/l	N	N	Certification
POC	SIP 8-5-303.1	Y		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	SIP 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	SIP 8-5-320.3.1	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 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	SIP 8-5-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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
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
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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	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 month intervals	Inspection Certification
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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
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
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
POC	40 CFR 60.112b (a)(1)	Y			40 CFR 60.115b(a)(1)	P/E	Initial Report
POC	40 CFR 60.113b (a)(1)	Y			40 CFR 60.115b(a)(2)	P/E	Visual Inspection, Record keeping
POC	40 CFR 60.113b (a)(2)	Y			40 CFR 60.115b(a)(3)	P/12 month	Visual Inspection, Record keeping and reporting
Liquid Stored		Y		$>0.5 \text{ psia}$	40 CFR 60.116b(c)	P/D	Record keeping
True vapor pressure		Y			40 CFR 60.116b(c)	P/D	Record keeping
True vapor pressure		Y		$>0.74 \text{ psia}$	40 CFR 60.116b(d)	P/D	Notify

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	40 CFR 63.11087 (a)	Y			40 CFR 63.11092(e)(1)	P/E, 1 or 5 or 10 yrs	Visual Inspection, Recordkeeping
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 12	P/Daily	Record Keeping
Total Material throughput limit	BAAQMD Condition #13143, part 11	Y		Gasoline & Jet Fuel: 2,700 million gallons/yr for S-3, S-13, S-18, S-19, S-20, S-21, S-22, S-23, S-24, S-25, and S-26	BAAQMD Condition #13143, part 12	P/Daily	Record Keeping
Temperature	BAAQMD Condition #13143, part 3	Y		1200 degrees Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record Keeping
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.8%	BAAQMD Condition #13143, part 7	P/Annual	Source Test, Record Keeping

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-303.1	N		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-320.3.2	N		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 per year at 4 to 8 month intervals	Inspection Certification
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 per year at 4 to 8 month intervals	Inspection Certification
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 yr P/10 yr	Inspection Certification
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 yr P/10 yr	Inspection Certification
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 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-321.3.2	N		For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm (1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-402.1, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	BAAQMD 8-5-322.2	N		Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width	BAAQMD 8-5-402.1, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
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 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-5-328.1.2	N		Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/E	Source Test
POC	BAAQMD 8-5-331.1	N		Cleaning agent: initial boiling point >302 deg F, true vapor pressure <0.5 psia, or VOC content <50 g/l	N	N	Certification
POC	SIP 8-5-303.1	Y		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	SIP 8-5-320.3.1	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 month intervals	Inspection Certification
POC	SIP 8-5-320.3.2	Y		Inaccessible opening no visible gap	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	SIP 8-5-320.4.2	Y		Solid sampling or gauging wells in closed position with cover, seal or lid $\leq 0.32 \text{ cm}$ (1/8 in)	SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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 month intervals	Inspection Certification
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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
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
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

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
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 month intervals	Inspection Certification
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
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
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
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
POC	40 CFR 63.11087 (a)	Y			40 CFR 63.11092(e)(1)	P/E, 1 or 5 or 10 yrs	Visual Inspection, Recordkeeping
Total Material throughput limit	BAAQMD Condition #26353, part 1	N		84,000,000 gal/yr of Jet Fuel	BAAQMD Condition #26353, part 2	P/Monthly	Record Keeping

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - I**  
**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
Liquid stored		N		>0.5 psia	BAAQMD 8-5-501	P/Monthly	Record keeping
Liquid stored		Y		>0.5 psia	SIP 8-5-501	P/Monthly	Record keeping
POC	Condition # 26348 Part 1	Y		Throughput < 10,000 gals/yr	Condition # 26238 Part 2	P/Monthly	Record Keeping

**Table VII-J**  
**S-31, Emergency Standby Diesel Fire Pump**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-303.1	N		Ringelmann 2.0 for no more than 3 minutes in any hour		N	
FP	BAAQMD Regulation 6-1-310	N		0.15 gr/dscf		N	
Opacity	SIP Regulation 6-303.1	Y		Ringelmann 2.0 for no more than 3 minutes in any hour		N	
FP	SIP Regulation 6-310	Y		0.15 gr/dscf		N	
SO <sub>2</sub>	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

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII-J**  
**S-31, Emergency Standby Diesel Fire Pump**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD 9-1-304	Y		0.5% wt Sulfur in liquid fuel		P/E	Fuel certification of each delivery
Hours of Operation	BAAQMD 9-8-330.1	N		Unlimited hours for emergencies	BAAQMD 9-8-530.2	P/M	Records of Operating Hours
	BAAQMD 9-8-330.2	N		100 hours per year for reliability-related activities	BAAQMD 9-8-530	P/M	Records of Operating Hours
	BAAQMD 9-8-330.3	N		50 hours per year for reliability-related activities	BAAQMD 9-8-530	P/M	Records of Operating Hours
	CCR, Title 17, Section 93115.3(n)	N		34 hours/yr for maintenance and testing	CCR, Title 17, Section 93115.10(e)(1)	C	Counter
	CCR, Title 17, Section 93115.3(n)	N		34 hours/yr for maintenance and testing	CCR, Title 17, Section 93115.10(g)	M	Records
	Condition # 24924 Part 1	N		34 hours/yr for maintenance and testing	BAAQMD Condition # 24924 Part 4	P/M	Records of Operating Hours

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - K**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S 40 - 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
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	Record Keeping
Vapor pressure of material pumped	BAAQMD Condition #15574, part 3	Y		<11.0 psia	BAAQMD Condition #15574, part 3	P/each material	Record Keeping

**Table VII – L**  
**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
Roof seals, Other openings	BAAQMD 8-8-301.1	N		Gap<0.125 inch	BAAQMD 8-8-301.1	P/Initially and every 6 months thereafter	Visual inspection
Roof seals, Other openings	SIP 8-8-301.1	Y		Gap<0.125 inch	SIP 8-8-301.1	P/Initially and every 6 months thereafter	Visual inspection
POC	Condition # 21509 Part 1	Y		21,600 gal/yr	Condition # 21509 Part 3	P/M	Recordkeeping

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - M**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S49– 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
Roof seals, Other openings	BAAQMD 8-8-301.1	N		Gap<0.125 inch	BAAQMD 8-8-301.1	P/Initially and every 6 months thereafter	Visual inspection
Roof seals, Other openings	SIP 8-8-301.1	Y		Gap<0.125 inch	SIP 8-8-301.1	P/Initially and every 6 months thereafter	Visual inspection
POC	Condition # 25392	Y		9,125,000 gals/yr	Condition # 25392 Part 3	P/M	Recordkeeping

**Table VII - N**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S50 – 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
Roof seals, Other openings	BAAQMD 8-8-301.1	N		Gap<0.125 inch	BAAQMD 8-8-301.1	P/Initially and every 6 months thereafter	Visual inspection
Roof seals, Other openings	SIP 8-8-301.1	Y		Gap<0.125 inch	SIP 8-8-301.1	P/Initially and every 6 months thereafter	Visual inspection
POC	Condition #26112 Part 1	Y		3,942,000 gals/yr	Condition #26112 Part 7	P/M	Recordkeeping

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - N**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S50 – 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
POC	Condition #26112 Part 5	Y		Outlet of Second to last carbon vessel > higher of 10% of inlet or 100 ppmv	Condition # 26112 Part 4	P/W	FID monitoring
POC	Condition #26112 Part 6	Y		Outlet of last carbon vessel > 100 ppv	Condition # 26112 Part 4	P/W	FID monitoring

**Table VII - O**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S 1000 - 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
POC	40 CFR 63.11087 (a)	Y			40 CFR 63.11092(e)(1)	P/E, 1 or 5 or 10 yrs	Visual Inspection, Recordkeeping
Material throughput	BAAQMD Condition #15859, part 1	Y		750,000 gallons/yr	BAAQMD Condition #15859, part 2	P/D	Record keeping

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-18-301	Y		General equipment leak $\leq$ 100 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	BAAQMD 8-18-302	N		Valve leak $\leq$ 100 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	BAAQMD 8-18-303	N		Pump and compressor leak $\leq$ 500 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	BAAQMD 8-18-304	N		Connection leak $\leq$ 100 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	BAAQMD 8-18-305	N		Pressure relief valve leak $\leq$ 500 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	BAAQMD 8-18-306.1	N		Leak < 10,000 ppm and mass emissions determined within 30 days of placing on non-repairable list and APCO notified.	None	N	
POC	BAAQMD 8-18-306.2	N		Awaiting repair Valves and Connectors $\leq$ 0.15% Pressure Relief $\leq$ 0.5% Pump and Connector $\leq$ 0.5%	BAAQMD 8-18-401.5	P/24 hours	Portable hydrocarbon detector, records

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
POC	BAAQMD 8-18-306.4	N		Valve, pressure relief, pump or compressor must be repaired within 5 years or at the next scheduled turnaround	None	N	
POC	SIP 8-18-302	Y		Valve leak $\leq$ 100 ppm	SIP 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	SIP 8-18-303	Y		Pumps and Compressors leak $\leq$ 500 ppm	SIP 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	SIP 8-18-304	Y		Connection leak $\leq$ 100 ppm	SIP 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	SIP 8-18-305	Y		Pressure relief valve leak $\leq$ 500 ppm	SIP 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	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	
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	Portable hydrocarbon detector, records

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
	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/Q	Portable hydrocarbon detector, records
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	
POC	SIP 8-25-302	Y		Pump leak $\leq$ 500 ppm	SIP 8-25-401.2 & 8-25-403	P/Q P/D	Portable hydrocarbon detector, records
POC	SIP 8-25-303	Y		Compressor leak $\leq$ 500 ppm	SIP 8-25-401.2 & 8-25-403	P/Q P/D	Portable hydrocarbon detector, records
	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/Q	Portable hydrocarbon detector, records

## VII. Applicable Limits and Compliance Monitoring Requirements

**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
	SIP 8-25-304.2	Y		Awaiting repaired valves < 1.0%	SIP 8-25-401.1 & 8-25-402	P/Q	Portable hydrocarbon detector, records
POC	SIP 8-25-305	Y		New or replaced pump and compressor leak ≤ 500 ppm for 4 consecutive quarters	SIP 8-25-401.2 & 8-25-403	P/Q  P/D	Portable hydrocarbon detector, records
	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	Portable hydrocarbon detector, records
POC	40 CFR 63.11089	Y		Liquid/vapor	40 CFR 63.11089	P/M	Inspection Recordkeeping

## VIII. TEST METHODS

The test methods associated with the emission limit of a District regulation are generally found in Section 600 et seq. of the regulation. The following table indicates only the test methods associated with the emission limits referenced in Section VII, Applicable Emission Limits & Compliance Monitoring Requirements, of this permit.

**Table VIII  
 Test Methods**

<b>Applicable Requirement</b>	<b>Description of Requirement</b>	<b>Acceptable Test Methods</b>
BAAQMD 6-1-301	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
SIP 6-301	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
BAAQMD 6-1-310	Particulate weight limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
SIP 6-310	Particulate weight limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
BAAQMD 6-1-311	General Operations	Manual of Procedures, Volume IV, ST-15, Particulates Sampling or USEPA Method 5, Determination of Particulate Matter Emissions from Stationary Sources
BAAQMD 8-5-301	True Vapor Pressure	Manual of Procedures, Volume III, Lab Method 28, Determination of Vapor Pressure of Organic Liquids from Storage Tanks, if organic compound is not listed in Table I
BAAQMD 8-5-328.1	VOC emissions for tank cleaning	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling
BAAQMD 8-5-303	Pressure vacuum leak concentration	EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks
BAAQMD 8-5-601	Reid Vapor Pressure	Manual of Procedures, Volume III, Lab Method 13, Determination of the Reid Vapor Pressure of Petroleum Products
BAAQMD 8-5-602	True Vapor Pressure	Manual of Procedures, Volume III, Lab Method 28, Determination of Vapor Pressure of Organic Liquids from Storage Tanks
BAAQMD 8-5-603	Determination of Emissions/Abatement Efficiency	Manual of Procedures, Volume IV, ST-34, Bulk and Marine Loading Terminals Vapor Recovery Units, ST-7, Organic compounds
BAAQMD 8-5-605	Measurement of Leak Concentrations and Residual Concentrations	EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks

## VIII. Test Methods

**Table VIII  
 Test Methods**

<b>Applicable Requirement</b>	<b>Description of Requirement</b>	<b>Acceptable Test Methods</b>
SIP 8-5-605	Pressure-Vacuum Valve Gas Tight Determination	EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks
BAAQMD 8-5-606	Analysis of Samples, Tank Cleaning Agents	Initial Boiling Point Determination By ASTM D-1078-93 or alternate method approved by APCO and U.S.EPA EPA Reference Method 31, Determination of VOC Content
BAAQMD 8-8-301, 302	Vapor tight cover	EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks
BAAQMD 8-8-601	Wastewater Analysis for Organic Compounds	Manual of Procedures, Volume III, Lab Method 33, Determination of Dissolved Critical Volatile Organic Compounds in Wastewater Separators
BAAQMD 8-18-301 8-18-302 8-18-303 8-18-304 8-18-305	General Standards (Valves, Pumps and Compressors, Connectors, Pressure Relief Devices)	EPA Reference Method 21, Determination of Volatile Organic Compound Leaks
BAAQMD 8-18-306 8-18-311	Determination of mass emissions (Non-repairable Equipment)	EPA Protocol for equipment leak emission estimates, Chapter 4, Mass Emission Sampling, (EPAA-453/R-95-017) November 1995
SIP 8-18-302, 8-18-303	Leak inspection procedures	EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks
SIP 8-18-306	Determination of mass emissions	EPA Protocol for equipment leak emission estimates, Chapter 4, Mass Emission Sampling, (EPAA-453/R-95-017) November 1995
SIP 8-25-301-303, 602	Inspection procedures (pumps and Compressors)	EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks
BAAQMD 8-47-601	Air stripper water sampling	EPA's or Regional Water Quality Control Board's Analytical Methods
BAAQMD 8-47-602	Measurement of Organic content	Regional Water Quality Control Board's Analytical Methods
BAAQMD 8-47-603	Determination of Emissions	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling or EPA Reference Method 25 or 25A

## VIII. Test Methods

**Table VIII  
 Test Methods**

<b>Applicable Requirement</b>	<b>Description of Requirement</b>	<b>Acceptable Test Methods</b>
BAAQMD 9-1-302	General Emission Limitation	Manual of Procedures, Volume IV, ST-19A, Sulfur Dioxide, Continuous Sampling, or ST-19B, Total Sulfur Oxides Integrated Sample
BAAQMD 9-1-304	Fuel Burning (Liquid and Solid Fuels)	Manual of Procedures, Volume III, Method 10, Determination of Sulfur in Fuel Oils.
Subpart K 40 CFR 60.113(b)	Reid vapor pressure	ASTM Method D323-82
Subpart Kb 40 CFR 60.112(b)	Vapor pressure	ASTM Method D2879-83
Subpart Kb - 2741  -2741 .112(b)(a) (3)	Visual inspection	60 Subpart VV, 60.485(b)

## IX. PERMIT SHIELD

Not applicable

## X. REVISION HISTORY

**Title V Permit Issuance (Application 16207):** **November 21, 2001**

**Administrative Permit Amendment (no application):** **January 28, 2002**  
Correction to Condition I.B.1

**Minor Revision (Application 5509):** **November 15, 2002**

The purpose of the minor revision is to increase the maximum daily switchover limit to 45 while keeping the annual average daily limit at 30 so that total annual switchovers and annual VOC emissions do not increase from the current levels.

**Minor Revision (Application 9698):** **January 25, 2006**

- a. Permit condition change for S27 (Application 11296)
- b. Permit condition change for S3, S5 thru S13, and S18 thru S26 (Application 11297)
- c. Alternative abatement device and permit condition change for S42 (Application 9734)
- d. Added new sources, S31, S43, and S44 (Applications 4703 & 7316)
- e. The dates of adoption and approval of rules in Section I.A were updated
- f. Application shield language was added to Section I.B.1.
- g. Section III, Generally Applicable Requirements was updated.
- h. Sections III, IV, and XII were amended to say that the SIP requirements are now found on EPA,s website.
- i. Sections IV and VII were updated to reflect changes to Regulation 8, Rule 5, Storage of Organic Liquids, Regulation 8, Rule 18, Organic compounds – Equipment leaks, and Regulation 8, Rule 25, Organic Compounds – Pump and Compressor Seals at Petroleum Refinery Complexes, Chemical Plants, Bulk Plants, and Bulk Terminals.

Title V Permit Renewal (Applications 14577, 9577, 14869, 15923, 16342):

- The dates of adoption and approval of rules in Section I.A were updated
- The following language was added as Standard Condition I.B.12: "The permit holder is responsible for compliance, and certification of compliance, with all conditions of the permit, regardless whether it acts through employees, agents, contractors, or subcontractors. (Regulation 2-6-307)." The purpose is to reiterate that the Permit Holder is responsible for ensuring that all activities at the facility comply with all applicable requirements.
- The dates of the reporting periods and reporting deadlines have been added to Standard Conditions I.F and I.G for additional clarity.

## **X. REVISION HISTORY**

- Sources S47, S48 and abatement devices A7 and A8 were added. Sources, S41, S43, S44, S1001, and abatement devices, A2, A3, A4, A5 were deleted. Description of source, S40 was updated.
- Table III has been updated. The dates of adoption or approval of the rules and their “federal enforceability” status has also been updated.
- Applicable requirements of Regulation 8, Rule 2, 5, 8, 18, and 47 were updated.
- The standard language at the beginning of the Section VII has been updated. A note has been added at the beginning of the section to clarify that this section is a summary of the limits and monitoring, and that in the case of a conflict between Sections I-VI and Section VII, the preceding sections take precedence.
- Applicable requirements of 40 CFR Part 63, Subpart BBBB were added.

### **Renewal (Application 14577)**

**May 18, 2009**

### **Administrative Amendment (Applications 25856)**

**October 6, 2015**

Change the Responsible Official for Title V Cover Page from Gregg A. Lies to Douglas K. Schminke.  
Updated EPA address on Section I, G.

### **Renewal (Application 25866)**

**March 9, 2017**

- Changed address of the Bay Area Air Quality Management District in Section I.F (Monitoring Reports).
- Updated dates of rule adoptions or SIP approvals in Sections I, III, and IV.
- Updated the existing regulatory requirements of Tables IV and Tables VII.
- Added additional terms and updated terms in glossary.
- S27 Oil-Water Separator and S42 Shallow Tray Air Stripper (and associated A6 Thermal/Catalytic Oxidizer) was removed from Sections II, IV, VI, and VII of the permit because the devices have been shutdown and removed from the facility.
- Amended the name of S31 to reflect that it is a fire pump engine and updated its requirements in Section IV and VII.
- Added S49 and S50 Oil Water Separators into Section II, IV, VI, and VII because sources were permitted in Application 24742 and 27155, respectively.
- Added Subpart A of 40 CFR 63 to tables in Table IV where applicable.
- Removed effective date of 40 CFR 63 Subpart BBBB because it is now effective (date 1/10/2011 has passed).
- Updated newly adopted Regulation 8-18 (Equipment Leaks) in Tables III, IV, VII, and VIII.
- Permit condition ID # 13143 which includes S3, S13, S18, S19, S20, S21, S22, S23, S24, S25, and S26 was amended as part of this Title V renewal to set the grandfathered limits for these grandfathered sources.
- Permit condition ID # 26352 for S4 has been added as part of this Title V renewal to set a grandfathered limit for this grandfathered source.

## **X. REVISION HISTORY**

- Permit condition ID # 26353 for S14 has been added as part of this Title V renewal to set a grandfathered limit for this grandfathered source.
- Permit condition ID # 26348 for S28 has been added as part of this Title V renewal to set a firm limit for this source.

### **Administrative Amendment (Applications 28638)**

**June 16, 2017**

- Change the Responsible Official for Title V Cover Page from Douglas K. Schminke to D. Scott Manley.

## **XI. GLOSSARY**

**ACT**

Federal Clean Air Act

**APCO**

Air Pollution Control Officer

**API**

American Petroleum Institute

**ARB**

Air Resources Board

**BAAQMD**

Bay Area Air Quality Management District

**BACT**

Best Available Control Technology

**BARCT**

Best Available Retrofit Control Technology

**Basis**

The underlying authority that allows the District to impose requirements.

**C<sub>5</sub>**

An Organic chemical compound with five carbon atoms

**C<sub>6</sub>**

An Organic chemical compound with six carbon atoms

**CAA**

The federal Clean Air Act

**CAAQS**

California Ambient Air Quality Standards

**CAPCOA**

California Air Pollution Control Officers Association

**CEC**

California Energy Commission

**CEQA**

California Environmental Quality Act

## **XI. Glossary**

### **CEM**

Continuous Emission Monitor: a monitoring device that provides a continuous direct measurement of some pollutant (e.g. NO<sub>x</sub> concentration) in an exhaust stream.

### **CFP**

Clean Fuels Project

### **CFR**

The Code of Federal Regulations. 40 CFR contains the implementing regulations for federal environmental statutes such as the Clean Air Act. Parts 50-99 of 40 CFR contain the requirements for air pollution programs.

### **CO**

Carbon Monoxide

### **Cumulative Increase**

The sum of permitted emissions from each new or modified source since a specified date pursuant to BAAQMD Rule 2-1-403, Permit Conditions (as amended by the District Board on 7/17/91) and SIP Rule 2-1-403, Permit Conditions (as approved by EPA on 6/23/95). Used to determine whether threshold-based requirements are triggered.

### **DAF**

A "dissolved air flotation" unit is a process vessel where air bubbles injected at the bottom of the vessel are used to carry solids in the liquid into a froth on the liquid surface, where it is removed.

### **DWT**

Dead Weight Ton

### **District**

The Bay Area Air Quality Management District

### **DNF**

Dissolved Nitrogen Flotation (See DAF)

### **dscf**

Dry Standard Cubic Feet

### **dscm**

Dry Standard Cubic Meter

### **E 6, E 9, E 12**

Very large or very small number values are commonly expressed in a form called scientific notation, which consists of a decimal part multiplied by 10 raised to some power. For example, 4.53 E 6 equals  $(4.53) \times (10^6) = (4.53) \times (10 \times 10 \times 10 \times 10 \times 10 \times 10) = 4,530,000$ . Scientific notation is used to express large or small numbers without writing out long strings of zeros.

## **XI. Glossary**

### **EFRT**

An "external floating roof tank" minimizes VOC emissions with a roof with floats on the surface of the liquid, thus preventing the formation of a VOC-rich vapor space above the liquid surface as the level in the tank drops. If such a vapor space were allowed to form, it would be expelled when the tank was re-filled. On an EFRT, the floating roof is not enclosed by a second, fixed tank roof, and is thus described as an "external" roof.

### **EPA**

The federal Environmental Protection Agency.

### **ETP**

Effluent Treatment Plant

### **Excluded**

Not subject to any District regulations.

### **FCC**

Fluid Catalytic Cracker

### **Federally Enforceable, FE**

All limitations and conditions which are enforceable by the Administrator of the EPA including those requirements developed pursuant to 40 CFR Part 51, subpart I (NSR), Part 52.21 (PSD), Part 60, (NSPS), Part 61, (NESHAPs), Part 63 (HAP), and Part 72 (Permits Regulation, Acid Rain), including limitations and conditions contained in operating permits issued under an EPA-approved program that has been incorporated into the SIP.

### **FP**

Filterable Particulate as measured by BAAQMD Method ST-15, Particulate.

### **FR**

Federal Register

### **FRT**

Floating Roof Tank (See EFRT and IFRT)

### **GDF**

Gasoline Dispensing Facility

### **GLM**

Ground Level Monitor

### **grain**

1/7000 of a pound

### **Graphitic**

Made of graphite.

## **XI. Glossary**

### **HAP**

Hazardous Air Pollutant. Any pollutant listed pursuant to Section 112(b) of the Act. Also refers to the program mandated by Title I, Section 112, of the Act and implemented by 40 CFR Part 63.

### **H<sub>2</sub>S**

Hydrogen Sulfide

### **H<sub>2</sub>SO<sub>4</sub>**

Sulfuric Acid

### **Hg**

Mercury

### **HHV**

Higher Heating Value. The quantity of heat evolved as determined by a calorimeter where the combustion products are cooled to 60F and all water vapor is condensed to liquid.

### **IFRT**

An "internal floating roof tank" minimizes VOC emissions with a roof with floats on the surface of the liquid, thus preventing the formation of a VOC-rich vapor space above the liquid surface as the level in the tank drops. If such a vapor space were allowed to form, it would be expelled when the tank was re-filled. On an IFRT, the floating roof is enclosed by a second, fixed tank roof, and thus is described as an "internal" roof.

### **ISOM**

Isomerization plant

### **LHV**

Lower Heating Value. Similar to the higher heating value (see HHV) except that the water produced by the combustion is not condensed but retained as vapor at 60F.

### **Lighter**

"Lightering" is a transfer operation during which liquid is pumped from an ocean-going tanker vessel to a smaller vessel such as a barge. Like any liquid transfer operation, lightering of organic liquids produces organic vapor emissions.

### **Long ton**

2200 pounds

### **Major Facility**

A facility with potential emissions of: (1) at least 100 tons per year of regulated air pollutants, (2) at least 10 tons per year of any single hazardous air pollutant, and/or (3) at least 25 tons per year of any combination of hazardous air pollutants, or such lesser quantity of hazardous air pollutants as determined by the EPA administrator.

## **XI. Glossary**

**MDEA**

Methyl Diethanolamine

**MFR**

Major Facility Review. The District's term for the federal operating permit program mandated by Title V of the Federal Clean Air Act and implemented by District Regulation 2, Rule 6.

**Mo Gas**

Motor gasoline

**MOP**

The District's Manual of Procedures.

**MOSC**

Mobil Oil Sludge Conversion (licensed technology)

**MSDS**

Material Safety Data Sheet

**MTBE**

methyl tertiary-butyl ether

**NA**

Not Applicable

**NAAQS**

National Ambient Air Quality Standards

**NESHAPS**

National Emission Standards for Hazardous Air Pollutants. See in 40 CFR Parts 61 and 63

**NMHC**

Non-methane Hydrocarbons (Same as NMOC)

**NMOC**

Non-methane Organic Compounds (Same as NMHC)

**NO<sub>x</sub>**

Oxides of nitrogen.

**NSPS**

Standards of Performance for New Stationary Sources. Federal standards for emissions from new stationary sources. Mandated by Title I, Section 111 of the Federal Clean Air Act, and implemented by 40 CFR Part 60 and District Regulation 10.

## **XI. Glossary**

### **NSR**

New Source Review. A federal program for pre-construction review and permitting of new and modified sources of pollutants for which criteria have been established in accordance with Section 108 of the Federal Clean Air Act. Mandated by Title I of the Federal Clean Air Act and implemented by 40 CFR Parts 51 and 52 and District Regulation 2, Rule 2. (Note: There are additional NSR requirements mandated by the California Clean Air Act.)

### **O<sub>2</sub>**

The chemical name for naturally-occurring oxygen gas.

### **Offset Requirement**

A New Source Review requirement to provide federally enforceable emission offsets for the emissions from a new or modified source. Applies to emissions of POC, NO<sub>x</sub>, PM<sub>10</sub>, and SO<sub>2</sub>.

### **Phase II Acid Rain Facility**

A facility that generates electricity for sale through fossil-fuel combustion and is not exempted by 40 CFR 72 from Titles IV and V of the Clean Air Act.

### **POC**

Precursor Organic Compounds

### **PM**

Particulate Matter

### **PM<sub>10</sub>**

Particulate matter with aerodynamic equivalent diameter of less than or equal to 10 microns

### **PSD**

Prevention of Significant Deterioration. A federal program for permitting new and modified sources of those air pollutants for which the District is classified "attainment" of the National Air Ambient Quality Standards. Mandated by Title I of the Act and implemented by both 40 CFR Part 52 and District Regulation 2, Rule 2.

### **Regulated Organic Liquid**

"Regulated organic liquids" are those liquids which require permits, or which are subject to some regulation, when processed at a liquid-handling operation. For example, for refinery marine terminals, regulated organic liquids are defined as "organic liquids" in Regulation 8, Rule 44.

### **RFG**

Refinery Fuel Gas

### **RMG**

Refinery Make Gas

## **XI. Glossary**

### **SCR**

A "selective catalytic reduction" unit is an abatement device that reduces NOx concentrations in the exhaust stream of a combustion device. SCRs utilize a catalyst, which operates at a specific temperature range, and injected ammonia to promote the conversion of NOx compounds to nitrogen gas.

### **SIP**

State Implementation Plan. State and District programs and regulations approved by EPA and developed in order to attain the National Air Ambient Quality Standards. Mandated by Title I of the Act.

### **SO<sub>2</sub>**

Sulfur dioxide

### **SO<sub>2</sub> Bubble**

An SO<sub>2</sub> bubble is an overall cap on the SO<sub>2</sub> emissions from a defined group of sources, or from an entire facility. SO<sub>2</sub> bubbles are sometimes used at refineries because combustion sources are typically fired entirely or in part by "refinery fuel gas" (RFG), a waste gas product from refining operations. Thus, total SO<sub>2</sub> emissions may be conveniently quantified by monitoring the total amount of RFG that is consumed, and the concentration of H<sub>2</sub>S and other sulfur compounds in the RFG.

### **SO<sub>3</sub>**

Sulfur trioxide

### **THC**

Total Hydrocarbons (NMHC + Methane)

### **Title V**

Title V of the federal Clean Air Act. Requires a federally enforceable operating permit program for major and certain other facilities.

### **TOC**

Total Organic Compounds (NMOC + Methane, Same as THC)

### **TPH**

Total Petroleum Hydrocarbons

### **TRMP**

Toxic Risk Management Plan

### **TSP**

Total Suspended Particulate

### **TVP**

True Vapor Pressure

## XI. Glossary

### VOC

Volatile Organic Compounds

#### Units of Measure:

bbbl	=	barrel of liquid (42 gallons)
bhp	=	brake-horsepower
btu	=	British Thermal Unit
C	=	degrees Celcius
cfm	=	cubic feet per minute
F	=	degrees Fahrenheit
f <sup>3</sup>	=	cubic feet
g	=	grams
gal	=	gallon
gpm	=	gallons per minute
gr	=	grain
hp	=	horsepower
hr	=	hour
lb	=	pound
in	=	inches
max	=	maximum
m <sup>2</sup>	=	square meter
min	=	minute
M	=	thousand
Mg	=	mega-gram, one thousand grams
µg	=	micro-gram, one millionth of a gram
MM	=	million
mm	=	million
MMbtu	=	million btu
mm Hg	=	millimeters of Mercury (pressure)
MW	=	megawatts
ppmv	=	parts per million, by volume
ppmw	=	parts per million, by weight
psia	=	pounds per square inch, absolute
psig	=	pounds per square inch, gauge
scfm	=	standard cubic feet per minute
yr	=	year

#### Symbols:

<	=	less than
>	=	greater than
≤	=	less than or equal to
≥	=	greater than or equal to