Bay Area Air Quality Management District

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

Final

MAJOR FACILITY REVIEW PERMIT

Issued To:

SFPP, L.P.
Facility #A4020

Facility Address:
2150 Kruse Drive
San Jose, CA 95131

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

Responsible Official
Douglas K. Schminke, Director of Operations
707-438-2102

Facility Contact
Clay Westlake, Area Manager
408-435-7399

Type of Facility:	Bulk Terminal	BAAQMD Engineering Division Contact:
Primary SIC:	4226	Xuna Cai
Product:	Bulk storage & terminal of refined petroleum products	

ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Signed by Damian Breen for Jack P. Broadbent — April 10, 2017
Jack P. Broadbent, Executive Officer/Air Pollution Control Officer — Date

Renewal Date: April 10, 2017

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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 5/4/2011);
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 12/19/2012, effective 8/31/2016);
BAAQMD Regulation 2, Rule 2 - Permits, New Source Review
(as amended by the District Board on 12/19/2012, effective 8/31/2016);
BAAQMD Regulation 2, Rule 4 - Permits, Emissions Banking
(as amended by the District Board on 12/19/2012);
SIP Regulation 2, Rule 4 - Permits, Emissions Banking
(as approved by EPA through 1/26/1999);
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 4/16/2003); and
SIP Regulation 2, Rule 6 – Permits, Major Facility Review
(as approved by EPA through 6/23/1995).

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

1. This Major Facility Review Permit was issued on April 10, 2017, and expires on April 9, 2022. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than October 9, 2021 and no earlier than April 9, 2021. **If a complete application for renewal has not been submitted in accordance with this deadline, the facility may not operate after April 9, 2022**. If the permit renewal has not been issued by April 9, 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 that 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 that 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)

I. Standard Conditions

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)

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 30th, 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 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 31st. The certification shall be submitted by November 30th 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 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. (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. For grandfathered sources, the throughput limits as shown in Table II-A (Condition # 26356) are based upon District records at the time of the MFR permit issuance. These throughput limits function as reporting thresholds only and exceedance throughput of any of these limits does not constitute noncompliance with the MFR permit. As such, exceedance of a grandfathered throughput 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:

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

I. Standard Conditions

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 Lim and Basis
1	Loading Rack #1	Bulk plant (truck/rail), multi-liquid		10 gasoline fillers Throughput Limit Condition 7492	NSR Application 638 (1988)
2	Storage Tank SJ-1 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		405K gallon See Condition # 26356	Grandfathered Limit
3	Storage Tank SJ-2 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		502K gallon See Condition # 26356	Grandfathered Limit
5	Storage Tank SJ-4 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		912K gallon See Condition # 26356	Grandfathered Limit
6	Storage Tank SJ-5 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		909K gallon See Condition # 26356	Grandfathered Limit
7	Storage Tank SJ-7 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		2038K gallon See Condition # 26356	Grandfathered Limit
8	Storage Tank SJ-8 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		1476K gallon See Condition # 26356	Grandfathered Limit
9	Storage Tank SJ-9 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		1479K gallon See Condition # 26356	Grandfathered Limit
10	Storage Tank SJ-10 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		2040K gallon See Condition # 26356	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 Lim and Basis
12	Storage Tank SJ-12 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		525K gallon Throughput Limit Condition 5406	NSR Application 6291 (1991) and 990 (2000)
13	Storage Tank SJ-13 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		1020K gallon See Condition # 26356	Grandfathered Limit
14	Storage Tank SJ-14 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		815K gallon See Condition # 26356	Grandfathered Limit
16	Storage Tank SJ-17 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		1016K gallon See Condition # 26356	Grandfathered Limit
17	Storage Tank SJ-18 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		91K gallon See Condition # 26356	Grandfathered Limit
18	Storage Tank SJ-19 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		91K gallon See Condition # 26356	Grandfathered Limit
19	Storage Tank SJ-20 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		1121K gallon See Condition # 26356	Grandfathered Limit
20	Storage Tank SJ-21 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		1017K gallon See Condition # 26356	Grandfathered Limit
21	Storage Tank SJ-22 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		1168K gallon See Condition # 26356	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 Lim and Basis
22	Storage Tank SJ-23 (Multi-liquid)	Pittsburg-Des Moines Steel Company, Cone roof, internal floating pan		1472K gallon See Condition # 26356	Grandfathered Limit
23	Storage Tank SJ-24 (Multi-liquid)	Pittsburg-Des Moines Steel Company, Cone roof, internal floating pan		1222K gallon See Condition # 26356	Grandfathered Limit
25	Storage Tank SJ-29 (Multi-liquid)	General American Transport Corporation, Cone roof, internal floating pan		1756K gallon See Condition # 26356	Grandfathered Limit
26	Storage Tank SJ-30 (Multi-liquid)	General American Transport Corporation, Cone roof, internal floating pan		3218K gallon See Condition # 26356	Grandfathered Limit
27	Storage Tank SJ-31 (Multi-liquid)	General American Transport Corporation, Cone roof, internal floating pan		2574K gallon See Condition # 26356	Grandfathered Limit
28	Loading Rack #2 (Multi-liquid)	Bulk plant (truck/rail), multi-liquid		10 gasoline fillers Throughput Limit Condition 7492	NSR Application 638 (1988)

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 Lim and Basis
29	Loading Rack #3 (Multi-liquid)	Bulk plant (truck/rail), multi-liquid		12 gasoline fillers Throughput Limit Condition 7492	NSR Application 638 (1988)
30	Loading Rack #4 (Multi-liquid)	Bulk plant (truck/rail), multi-liquid		9 gasoline fillers Throughput Limit Condition 7492	NSR Application 638 (1988)
31	Loading Rack #5 (Multi-liquid)	Bulk plant (truck/rail), multi-liquid		10 gasoline fillers Throughput Limit Condition 7492	NSR Application 638 (1988)
32	Loading Rack #6 (Multi-liquid)	Bulk plant (truck/rail), multi-liquid		12 gasoline fillers Throughput Limit Condition 7492	NSR Application 638 (1988)
33	Storage Tank SJ-33 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		4200K gallon See Condition # 26356	Grandfathered Limit
34	Storage Tank SJ-16 (Multi-liquid)	Chicago Bridge & Iron Company, Cone roof, internal floating pan		840K gallon See Condition # 26356	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 Lim and Basis
35	Storage Tank SJ-27 (Multi-liquid)	General American Transport Corporation, Cone roof, internal floating pan		840K gallon See Condition # 26356	Grandfathered Limit
36	Storage Tank SJ-32 (Multi-liquid)	General American Transport Corporation, Cone roof, internal floating pan		1742K gallon See Condition # 26356	Grandfathered Limit
39	Storage Tank (Multi-liquid)	Underground, multi-liquid		2,100 gallon See Condition # 26356	Grandfathered Limit
40	Storage Tank SJ-34 (Multi-liquid)	Pittsburg-Des Moines Steel Company, Cone roof, internal floating pan		2520K gallon See Condition # 26356	Grandfathered Limit
43	Oil-Water Separator	Enquip Model TSI-M-10-27		3.6K gallon/hr max. See Condition # 26356	NSR Application 4754
44	Storage Tank SJ-28 (Multi-liquid)	General American Transport Corporation, Cone roof, internal floating pan		706K gallon See Condition # 26356	Grandfathered Limit
45	Sump Tank (Multi-liquid)	Underground, fixed roof		2420 gallon Throughput Limit Condition 16514	NSR Application 19699 (1999)

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 Lim and Basis
47	Unloading Rack 7 (ethanol)	Bulk plant (truck/rail), ethanol		4 loading arms; 2 pumps Throughput limit Condition 23134	NSR Application 14448 (2006)
48	Offspec Unloading Rack 8	Bulk plant		2 loading arms Throughput Limit Condition 23491	NSR Application 15434 (2007)

Table II B - Abatement Devices

A#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
3	Portable Vapor Combustion Unit	S1, S28, S29, S30, S31, S32	BAAQMD Regulations 8-33-301, SIP 8-33-302, SIP 8-33-309, and Condition ID #7492, part 7, part 13	600 degrees Fahrenheit	0.04 lb of VOC/1000 gallons of organic liquid loaded; and Exhaust Hydrocarbon < 200 ppm as Propane averaged over six-hour period.
47	Vapor Balance System	S47	BAAQMD Regulation 8-6-304, and Condition ID # 23134, part 2		0.17 lb/1000 gallon loaded; 95%

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 SIP requirements 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 rules and the versions of the rules in the SIP. All sources must comply with both versions of the rule until US EPA has reviewed and approved 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 Regulation 2-1-429	Federal Emissions Statement (12/19/2012, effective 8/31/2016)	N
SIP Regulation 2-1-429	Federal Emissions Statement (04/03/1995)	Y

III. Generally Applicable Requirements

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 2, Rule 5	New Source Review of Toxic Air Contaminants (12/7/2016)	N
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 (09/04/1998)	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 (03/22/1995)	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 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 (06/05/2003)	Y
SIP Regulation 8, Rule 25	Organic Compounds - Pump and Compressor Seals at Petroleum Refineries, Chemical plants, Bulk plants, and Bulk terminals (03/07/1995)	Y
BAAQMD Regulation 8, Rule 33	Organic Compounds - Gasoline Bulk Terminals and Gasoline Delivery Vehicles (04/15/09)	N
SIP Regulation 8, Rule 33	Organic Compounds - Gasoline Bulk Terminals and Gasoline Delivery Vehicles (04/03/1995)	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 (04/19/2001)	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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
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 (7/15/2002)	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 (06/08/1999)	Y
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing (10/7/1998)	N
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 (7/20/2004)	Y
EPA Regulation 40 CFR 82	Protection of Stratospheric Ozone (12/1/2016/)	Y

III. Generally Applicable Requirements

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
Subpart F, 40 CFR 82.156	Recycling and Emissions Reduction – Required Practices (12/1/2016)	Y
Subpart F, 40 CFR 82.161	Recycling and Emissions Reductions – Technician Certification (12/1/2016)	Y
Subpart F, 40 CFR 82.166	Recycling and Emissions Reductions – Reporting and Recordkeeping Requirements (12/1/2016)	Y
40 CFR 82 Subpart H	Protection of Stratospheric Ozone: Halon Emissions Reduction (12/1/2016)	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).

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 text of each permit condition cited is included in Section VI, Permit Conditions, of this permit. The full language of SIP requirements is on EPA Region 9's website at the following address. 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, S28, S29, S30, S31, S32, - LOADING RACK 1, 2, 3, 4, 5, 6

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 1	**General Provisions and Definitions (5/4/2011)**		
1-523	Parametric Monitoring and Recordkeeping Requirements	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	
SIP Regulation 1	**General Provisions and Definitions (6/28/1999)**		
1-523	Parametric Monitoring and Recordkeeping Requirements	Y	
1-523.3	Reports of Violations	Y	

IV. Source-specific Applicable Requirements

Table IV - A
Source-specific Applicable Requirements
S1, S28, S29, S30, S31, S32, - LOADING RACK 1, 2, 3, 4, 5, 6

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 33	**Gasoline Bulk Terminals and Gasoline Cargo Tanks (04/15/2009)**		
8-33-112	Exemption, Tank Gauging and Inspection	N	
8-33-113	Exemption, Maintenance and Repair	N	
8-33-114	Exemption, CARB Certification	N	
8-33-115	Limited Exemption, Aviation Gasoline	N	
8-33-116	Limited Exemption, Source Test requirements	N	
8-33-301	Gasoline Bulk Terminal Emission Limitations	N	
8-33-301.1	Gasoline Bulk Terminal Emission Limitations	N	
8-33-301.2	Gasoline Bulk Terminal Emission Limitations	N	
8-33-303	Bottom Fill Requirement	N	
8-33-304	Gasoline Cargo Tank Requirements	N	
8-33-305	Gasoline Bulk Terminal Maintenance and Repair	N	
8-33-305.1	Equipment condition	N	
8-33-305.2	Product or Vapor hoses	N	
8-33-305.3	Portable Container or Slop tank hose connector	N	
8-33-305.4	Backpressure monitors	N	
8-33-306	Operating Practices	N	
8-33-307	Loading Practices	N	
8-33-307.1	Compatible Connectors Requirements	N	
8-33-307.2	CARB-certified vapor recovery system requirements	N	
8-33-308	Vapor Storage Tank Requirements	N	
8-33-308.1	Diaphragms maintenance requirements and airspace organic concentration	N	
8-33-308.2	Monitoring and recording requirements of airspace organic concentration	N	
8-33-309	Gasoline Bulk Terminal Vapor Recovery System Requirements	N	
8-33-309.1	Organic emissions capture and control requirements	N	
8-33-309.2	Vapor recovery systems operation and maintenance requirements	N	
8-33-309.3	Vapor recovery systems in good working condition requirements	N	
8-33-309.4	Vapor recovery systems annual testing requirements	N	
8-33-309.5	Vapor leak requirements	N	
8-33-309.6	Liquid leak requirements	N	
8-33-309.7	Vapor recovery system piping requirements	N	

IV. Source-specific Applicable Requirements

Table IV - A
Source-specific Applicable Requirements
S1, S28, S29, S30, S31, S32, - LOADING RACK 1, 2, 3, 4, 5, 6

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-33-309.8	Liquid fill hose connector and vapor hose connector seals and P/V valves inspection requirements	N	
8-33-309.9	Vapor hose hanger requirements	N	
8-33-309.10	Backpressure monitor installation on vapor collection piping requirements	N	
8-33-309.11	Device installation on each loading rack requirements	N	
8-33-309.11.1	Alarm system	N	
8-33-309.11.2	Automatic lockout system	N	
8-33-309.11.3	Alternate system	N	
8-33-309.12	Backpressure exceedance/shutdown/notification requirements	N	
8-33-309.13	Parametric monitoring implementation requirements	N	
8-33-309.14	Parametric limits monitoring and notification requirements	N	
8-33-309.15	Accessibility or permanent sample lines on all P/V valves requirements	N	
8-33-401	Equipment Installation and Modification	N	
8-33-403	Monitoring, Inspection, Notification and Reporting Requirements	N	
8-33-502	Vapor storage tank emissions records	N	
8-33-503	Annual source test	N	
8-33-504	P/V valve, liquid fill and vapor hose connector leak check records	N	
8-33-505	Loading rack backpressure records	N	
8-33-506	Parametric correlation records	N	
8-33-507	Parametric variable monitoring records	N	
SIP Regulation 8, Rule 33	**Gasoline Bulk Terminals and Gasoline Delivery Vehicles (04/03/1995)**		
8-33-112	Tank Gauging and Inspection	Y	
8-33-113	Maintenance and Repair Exemption	Y	
8-33-301	Gasoline Bulk Terminal Limitations	Y	
8-33-302	Vapor Recovery System Requirements	Y	
8-33-303	Bottom Fill Requirement	Y	
8-33-304	Delivery Vehicle Requirements	Y	
8-33-305	Equipment Maintenance	Y	
8-33-306	Operating Practices	Y	

IV. Source-specific Applicable Requirements

Table IV - A
Source-specific Applicable Requirements
S1, S28, S29, S30, S31, S32, - LOADING RACK 1, 2, 3, 4, 5, 6

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-33-307	Loading Practices	Y	
8-33-308	Vapor Diaphragm Requirements	Y	
8-33-309	Vapor Recovery System Requirements - Loading Rack	Y	
8-33-401	Equipment Installation and Modification	Y	
40 CFR 60 Subpart A	**Standards of Performance for New Stationary Sources - General Provisions (12/23/1971)**	Y	
60.4(a)	Reports to EPA	Y	
60.4(b)	Reports to the District	Y	
60.7(a)	Written notification	Y	
60.7(b)	Maintain 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	
60.19	General notification and reporting requirements	Y	
40 CFR 60, Subpart XX	**Standards of Performance for Bulk Gasoline Terminals (8/18/1983)**		
60.502	Standards for Volatile Organic Compound (VOC) emissions		
60.502(a)	Vapor collection system requirements	Y	
60.502(b)	Volatile Organic Compound (VOC) emissions limit	Y	
60.502(d)	Prevention of vapor collected at one rack to another	Y	
60.502(e)	Loading to only vapor tight tank truck	Y	
60.502(f)	Tank truck vapor collection compatible with terminal vapor collection system	Y	
60.502(g)	Terminal and tank truck vapor collection system connected during each loading	Y	
60.502(h)	Tank truck pressure limit	Y	
60.502(i)	Vapor collection system vent release pressure limit	Y	
60.502(j)	Vapor collection system leak inspection monthly	Y	
60.503	Test methods and procedures		
60.503(a)	Performance test methods and procedures	Y	
60.503(b)	Monitor leakage	Y	
60.503(c)	Emission compliance determination	Y	

IV. Source-specific Applicable Requirements

Table IV - A
Source-specific Applicable Requirements
S1, S28, S29, S30, S31, S32, - LOADING RACK 1, 2, 3, 4, 5, 6

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.503(d)	Tank truck pressure compliance determination	Y	
60.505	Reporting and record keeping		
60.505(a)	Tank truck vapor tightness documents	Y	
60.505(b)	Update documents for each tank truck	Y	
60.505(c)	Leak inspection records	Y	
60.505(d)	Records of notification	Y	
60.505(f)	Records of replacements or addition of components	Y	
40 CFR 63 Subpart A	**National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)**		
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	
40 CFR 63 Subpart BBBBBB	**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	
63.11088(a)	Emission limit and management practice in Table 2	Y	
63.11088 (c)	Compliance dates	Y	
63.11088 (d)	Testing and monitoring requirements as specified in 63.11092	Y	
63.11088(e)	Applicable notification as per 63.11093	Y	

IV. Source-specific Applicable Requirements

Table IV - A
Source-specific Applicable Requirements
S1, S28, S29, S30, S31, S32, - LOADING RACK 1, 2, 3, 4, 5, 6

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.11088(f)	Recordkeeping and report submission as per 63.11094 and 63.11095	Y	
63.11092	Testing and monitoring requirements	Y	
63.11092(a)	Performance test on the vapor processing and collection system	Y	
63.11092(b)	Determine a monitored operating parameter value for the vapor processing system	Y	
63.11092(b)(1)(iii)	Installation and operation of continuous parameter monitoring system for vapor processing system (thermal oxidation system)	Y	
63.11092(b)(3)	Determine operating parameter value based on performance test	Y	
63.11092(b)(4)	Submit the rationale for the selected parameter value, etc. for the Administrator's approval	Y	
63.11092(b)(5)	Performance test alternatives	Y	
63.11092(c)	Document reason for any change in the operating parameter value	Y	
63.11092(d)	Compliance requirements to operate the vapor processing system	Y	
63.11092(f)(1)	Annual certification test for gasoline cargo tanks – EPA Method 27, Appendix A-8, 40CFR Part 60	Y	
63.11093	Notification requirements	Y	
63.11094(b)	Recordkeeping of test results for each gasoline cargo tanks	Y	
63.11094(c)	Alternative to keeping records of test results for each gasoline cargo tanks	Y	
63.11094(f)(1)	Recordkeeping of continuous monitoring data	Y	
63.11094(f)(2)(i)	Record and report simultaneously with Notification of Compliance Status all data and calculations, etc., in determining the operating parameter value.	Y	
63.11094(f)(3)	Keep an up-to-date, readily accessible copy of the monitoring and inspection plan as per 63.11092(b)(1)(iii)(B)(2)	Y	
63.11094(f)(4)	Keep an up-to-date, readily accessible record of all system malfunctions, as specified in 63.11092(b)(1)(iii)(B)(2)(v)	Y	
63.11095(a)(2)	Submit semiannual compliance report for each loading of cargo tank for which vapor tightness documentation had not been previously obtained	Y	
63.11095(b)	Submit excess emission report at the same time semiannual compliance report is submitted	Y	
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	Y	

IV. Source-specific Applicable Requirements

Table IV - A
Source-specific Applicable Requirements
S1, S28, S29, S30, S31, S32, - LOADING RACK 1, 2, 3, 4, 5, 6

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.11100	Definitions	Y	
BAAQMD Condition # 7492			
part 1	CARB certification (basis: BAAQMD Regulation 8-33-302)	Y	
part 2	Throughput limit, hourly (basis: BAAQMD Regulation 8-33-307, CARB certification)	Y	
part 3	Throughput limit, daily and annual (basis: BAAQMD Regulation 8-33-307, Cumulative increase)	Y	
part 4	Recordkeeping requirements of throughput (basis: BAAQMD Regulation 2-6-501, Cumulative increase)	Y	
part 5	Monitoring instrument/equipment/ports requirements (basis: BAAQMD Regulation 8-33-308)	Y	
part 6	Gasoline loading and abatement device operational requirements (basis: BAAQMD Regulations 8-33-301, 8-33-308)	Y	
part 7	Abatement device exhaust VOC emission limit (basis: BAAQMD Regulation 8-33-301, Cumulative increase)	Y	
part 8	Vapor holder alarm requirements (basis: BAAQMD Regulation 8-33-308)	Y	
part 9	Vapor holder alarm analyzer setting requirements (basis: BAAQMD Regulation 8-33-308)	Y	
part 10	Equipment operating condition requirements (basis: BAAQMD Regulation 8-33-305)	Y	
part 11	Maintenance recordkeeping of vapor recovery system (basis: BAAQMD Regulation 2-6-501)	Y	
part 12	Abatement device requirement (basis: BAAQMD Regulation 8-33-301, BACT)	Y	
part 13	Abatement device operating temperature requirement (basis: Regulation 8-33-301)	Y	
part 14	Temperature limit applicability and allowable temperature excursion (basis: Regulation 2-1-403)	Y	
Part 15	Temperature records recordkeeping (basis: Regulation 2-1-403, Regulation 2-6-501)	Y	
Part 16	Temperature excursion (basis: Regulation 2-1-403)	Y	

IV. Source-specific Applicable Requirements

Table IV - A
Source-specific Applicable Requirements
S1, S28, S29, S30, S31, S32, - LOADING RACK 1, 2, 3, 4, 5, 6

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 17	Temperature monitoring and recording device requirements and recordkeeping (basis: Regulation 2-6-501)	Y	
Part 18	Operating mode change-record keeping requirements (basis: Regulation 2-6-409.7, 2-6-501)	Y	

Table IV - B
Source-specific Applicable Requirements
S2, S5, S19, S23, S26 - STORAGE TANKS - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (10/18/2006)**		
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 - B
Source-specific Applicable Requirements
S2, S5, S19, S23, S26 - STORAGE TANKS - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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 - B
Source-specific Applicable Requirements
S2, S5, S19, S23, 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	
SIP Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (6/5/2003)**		
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	Good operating condition	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 metallic shoe	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	

IV. Source-specific Applicable Requirements

Table IV - B
Source-specific Applicable Requirements
S2, S5, S19, S23, S26 - STORAGE TANKS - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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 seals 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	
40 CFR 63 Subpart A	**National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)**		
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	

IV. Source-specific Applicable Requirements

Table IV - B
Source-specific Applicable Requirements
S2, S5, S19, S23, S26 - STORAGE TANKS - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
40 CFR 63 Subpart BBBBBB	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	
BAAQMD Condition # 26356			
Part 1	Grandfathered throughput limit (basis: 2-1-234.1.2, 2-1-307)	Y	
Part 2	Recordkeepiing (basis: 2-1-234.1.2)	Y	

IV. Source-specific Applicable Requirements

Table IV - C
Source-specific Applicable Requirements
S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - STORAGE TANKS-INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (10/18/2006)**		
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	
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	

IV. Source-specific Applicable Requirements

Table IV - C
Source-specific Applicable Requirements
S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - STORAGE TANKS-INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
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	
SIP Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (6/5/2003)**		
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	

IV. Source-specific Applicable Requirements

Table IV - C
Source-specific Applicable Requirements
S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - STORAGE TANKS-INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	Good operating condition	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 metallic shoe	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	
8-5-402	Inspection Requirements for Internal Floating Roof Tanks	Y	
8-5-402.1	Primary and secondary seals 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	

IV. Source-specific Applicable Requirements

Table IV - C
Source-specific Applicable Requirements
S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - STORAGE TANKS-INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
40 CFR 63 Subpart A	**National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)**		
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	
40 CFR 63 Subpart BBBBBB	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	

IV. Source-specific Applicable Requirements

Table IV - C
Source-specific Applicable Requirements
S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - STORAGE TANKS-INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
BAAQMD Condition # 26356			
Part 1	Grandfathered throughput limit (basis: 2-1-234.1.2, 2-1-307)	Y	
Part 2	Recordkeepiing (basis: 2-1-234.1.2)	Y	

IV. Source-specific Applicable Requirements

Table IV - D
Source-specific Applicable Requirements
S6, S13, S16, S21 - STORAGE TANKS-INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (10/18/2006)**		
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	
8-5-305.1.1	Liquid mounted primary seal	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 liquid mounted	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	

IV. Source-specific Applicable Requirements

Table IV - D
Source-specific Applicable Requirements
S6, S13, S16, S21 - STORAGE TANKS-INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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 Seal Inspection once in 10 years	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	Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases	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	
SIP Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (6/5/03)**		
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	
8-5-305.1.1	Liquid mounted primary seal	Y	
8-5-305.4	Floating roof fittings requirements	Y	
8-5-305.5	Good operating condition	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	

IV. Source-specific Applicable Requirements

Table IV - D
Source-specific Applicable Requirements
S6, S13, S16, S21 - STORAGE TANKS-INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
8-5-328	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 Seal Inspection once in 10 years	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	Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases	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	
40 CFR 63 Subpart A	**National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)**		
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	

IV. Source-specific Applicable Requirements

Table IV - D
Source-specific Applicable Requirements
S6, S13, S16, S21 - STORAGE TANKS-INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.13	Addresses of EPA Regional Offices	Y	
63.14	Incorporation by Reference	Y	
63.15	Availability of Information and confidentiality	Y	
40 CFR 63 Subpart BBBBBB	**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	
BAAQMD Condition # 26356			
Part 1	Grandfathered throughput limit (basis: 2-1-234.1.2, 2-1-307)	Y	
Part 2	Recordkeepiing (basis: 2-1-234.1.2)	Y	

IV. Source-specific Applicable Requirements

Table IV - E
Source-specific Applicable Requirements
S12 - STORAGE TANK - INTERNAL FLOATING ROOF

33	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (10/18/2006)**		
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	
8-5-305.1.1	Liquid mounted primary seal	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 liquid mounted	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	

IV. Source-specific Applicable Requirements

Table IV - E
Source-specific Applicable Requirements
S12 - STORAGE TANK - INTERNAL FLOATING ROOF

33	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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 Seal Inspection once in 10 years	N	
8-5-401.3	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	Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases	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	
SIP Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (6/5/2003)**		
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	
8-5-305.1.1	Liquid mounted primary seal	Y	
8-5-305.4	Floating roof fittings requirements	Y	
8-5-305.5	Good operating condition	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
S12 - STORAGE TANK - INTERNAL FLOATING ROOF

33	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
8-5-328	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 Seal Inspection once in 10 years	Y	
8-5-401.3	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	Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases	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	
40 CFR 63 Subpart A	**National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)**		
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	

IV. Source-specific Applicable Requirements

Table IV - E
Source-specific Applicable Requirements
S12 - STORAGE TANK - INTERNAL FLOATING ROOF

33	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.14	Incorporation by Reference	Y	
63.15	Availability of Information and confidentiality	Y	
40 CFR 63 Subpart BBBBBB	**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	
BAAQMD Condition #5406			
part 1	Ethanol throughput limit, yearly (basis: Cumulative increase)	Y	
part 2	Recordkeeping requirements of throughput (basis: BAAQMD Regulation 2-6-501, Cumulative increase)	Y	

IV. Source-specific Applicable Requirements

Table IV - F
Source-specific Applicable Requirements
S33, S40 - STORAGE TANKS - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (10/18/2006)**		
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	
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 allowed	N	
8-5-322.5	Welded tank gap allowed	N	

IV. Source-specific Applicable Requirements

Table IV - F
Source-specific Applicable Requirements
S33, S40 - STORAGE TANKS - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases	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	
SIP Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (6/5/2003)**		
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	

IV. Source-specific Applicable Requirements

Table IV - F
Source-specific Applicable Requirements
S33, S40 - STORAGE TANKS - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	Good operating condition	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 metallic shoe	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 allowed	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 seals 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	

IV. Source-specific Applicable Requirements

Table IV - F
Source-specific Applicable Requirements
S33, S40 - STORAGE TANKS - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-5-405	Information Required	Y	
8-5-501	Records	Y	
8-5-501.1	Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases	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	
40 CFR 60 Subpart A	**Standards of Performance for New Stationary Sources – General Provisions (12/23/1971)**	Y	
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	
60.19	General notification and reporting requirements	Y	
40 CFR 60, Subpart Kb	**Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 (4/8/1987)**		
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 for S33	Y	
60.112b(a)(1)(ii)(A)	Foam log seal for S40	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	Y	

IV. Source-specific Applicable Requirements

Table IV - F
Source-specific Applicable Requirements
S33, S40 - STORAGE TANKS - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
	drains		
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 gasketted sliding cover for each penetration that allows for passage of fixed roof supporting column	Y	
60.112b(a)(1)(ix)	Gasketted 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 recordkeeping	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	
60.115b(a)(4)	Report defects etc. to the Administrator	Y	
60.116b	Monitoring of operations	Y	
60.116b(a)	Recordkeeping 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	
40 CFR 63 Subpart BBBBBB	National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities		
63.11080	Purpose of this subpart	Y	

IV. Source-specific Applicable Requirements

Table IV - F
Source-specific Applicable Requirements
S33, S40 - STORAGE TANKS - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
BAAQMD Condition # 26356			
Part 1	Grandfathered throughput limit (basis: 2-1-234.1.2, 2-1-307)	Y	
Part 2	Recordkeepiing (basis: 2-1-234.1.2)	Y	

Table IV - G
Source-specific Applicable Requirements
S36 - STORAGE TANK - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (10/18/2006)**		

IV. Source-specific Applicable Requirements

Table IV - G
Source-specific Applicable Requirements
S36 - STORAGE TANK - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
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	

IV. Source-specific Applicable Requirements

Table IV - G
Source-specific Applicable Requirements
S36 - STORAGE TANK - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases	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	
SIP Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (6/5/2003)**		
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	

IV. Source-specific Applicable Requirements

Table IV - G
Source-specific Applicable Requirements
S36 - STORAGE TANK - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-5-305.5	Good operating condition	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 metallic shoe	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	
8-5-402	Inspection Requirements for Internal Floating Roof Tanks	Y	
8-5-402.1	Primary and secondary seals 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	

IV. Source-specific Applicable Requirements

Table IV - G
Source-specific Applicable Requirements
S36 - STORAGE TANK - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-5-501.1	Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases	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	
40 CFR 60 Subpart A	**Standards of Performance for New Stationary Sources – General Provisions (12/23/1971)**	Y	
60.4(a)	Reports to EPA	Y	
60.4(b)	Reports to the District	Y	
60.7(a)	Written notification	Y	
60.7(b)	Maintain 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	
40 CFR 60, Subpart Ka	**Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 (4/4/1980)**		
60.112a(a)(2)	Fixed roof with an internal floating type cover	Y	
60.115a(a)	Record keeping	Y	
60.115a(b)	True vapor pressure determination	Y	
60.115a(c)	Crude oil true vapor pressure determination	Y	
40 CFR 63 Subpart A	**National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)**		
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	

IV. Source-specific Applicable Requirements

Table IV - G
Source-specific Applicable Requirements
S36 - STORAGE TANK - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
40 CFR 63 Subpart BBBBBB	**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	1/10/2011
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	Y	1/10/2011
63.11100	Definitions	Y	1/10/2011
BAAQMD Condition # 26356			
Part 1	Grandfathered throughput limit (basis: 2-1-234.1.2, 2-1-307)	Y	
Part 2	Recordkeepiing (basis: 2-1-234.1.2)	Y	

IV. Source-specific Applicable Requirements

Table IV - H
Source-specific Applicable Requirements
S39 - STORAGE TANK - UNDERGROUND

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (10/18/2006)**		
8-5-301	Storage Tanks Control Requirements (Smaller than 75 m^3): a submerged fill pipe	N	
SIP Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (6/5/2003)**		
8-5-301	Storage Tanks Control Requirements (Smaller than 75 m^3): a submerged fill pipe	Y	
40 CFR 63 Subpart A	**National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)**		
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	
40 CFR 63 Subpart BBBBBB	**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	

IV. Source-specific Applicable Requirements

Table IV - H
Source-specific Applicable Requirements
S39 - STORAGE TANK - UNDERGROUND

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
BAAQMD Condition # 26356			
Part 1	Grandfathered throughput limit (basis: 2-1-234.1.2, 2-1-307)	Y	
Part 2	Recordkeepiing (basis: 2-1-234.1.2)	Y	

Table IV - I
Source-specific Applicable Requirements
S43 - OIL/WATER SEPARATOR

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 8	**Organic Compounds - Wastewater (Oil-Water) Separators (9/15/2004)**		
8-8-301	Wastewater separators greater than 760 liters per day (200 gallons/day) and smaller than 18.9 liter 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, gasketted, fixed cover, etc. requirements	N	
8-8-306	Oil/water Separator Effluent Channel, Pond, Trench, or Basin	N	
8-8-306.1	Solid, gasketted, fixed cover, etc. requirements	N	
8-8-308	Junction Box requirements	N	

IV. Source-specific Applicable Requirements

Table IV - I
Source-specific Applicable Requirements
S43 - OIL/WATER SEPARATOR

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-8-501	Bypassed wastewater recordkeeping requirements	N	
8-8-503	Inspections and repairs recordkeeping requirements	N	
8-8-603	Inspection Procedures	N	
SIP Regulation 8, Rule 8	**Organic Compounds - Wastewater (Oil-Water) Separators (8/29/1994)**		
8-8-301	Wastewater separators greater than 760 liters per day (200 gallons/day) and smaller than 18.9 liter 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, gasketted, fixed cover, etc. requirements	Y	
8-8-306	Oil/water Separator Effluent Channel, Pond, Trench, or Basin	Y	
8-8-306.1	Solid, gasketted, fixed cover, etc. requirements	Y	
8-8-308	Junction Box requirements	Y	
8-8-501	Bypassed wastewater recordkeeping requirements	Y	
8-8-503	Inspections and repairs recordkeeping requirements	Y	
8-8-603	Inspection Procedures	Y	

Table IV - J
Source-specific Applicable Requirements
S44 - STORAGE TANK - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (10/18/2006)**		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	N	
8-5-112	Limited Exemption, Tanks in Operation	N	

IV. Source-specific Applicable Requirements

Table IV - J
Source-specific Applicable Requirements
S44 - STORAGE TANK - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
8-5-320.5.3	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	
8-5-322	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 gap allowed	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	

IV. Source-specific Applicable Requirements

Table IV - J
Source-specific Applicable Requirements
S44 - STORAGE TANK - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases	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	
SIP Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (6/5/03)**		
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	Good operating condition	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	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	

IV. Source-specific Applicable Requirements

Table IV - J
Source-specific Applicable Requirements
S44 - STORAGE TANK - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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 gap allowed	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 seals 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	Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases	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	
40 CFR 60 Subpart A	**Standards of Performance for New Stationary Sources – General Provisions (12/23/1971)**	Y	
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	

IV. Source-specific Applicable Requirements

Table IV - J
Source-specific Applicable Requirements
S44 - STORAGE TANK - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.12	Circumvention	Y	
60.13	Reconstruction	Y	
60.19	General notification and reporting requirements	Y	
40 CFR 60, Subpart Ka	**Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 (4/4/1980)**		
60.112a(a)(2)	Fixed roof with an internal floating type cover	Y	
60.115a(a)	Record keeping	Y	
60.115a(b)	True vapor pressure determination	Y	
60.115a(c)	Crude oil true vapor pressure determination	Y	
40 CFR 63 Subpart A	**National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)**		
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	
40 CFR 63 Subpart BBBBBB	**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	

IV. Source-specific Applicable Requirements

Table IV - J
Source-specific Applicable Requirements
S44 - STORAGE TANK - INTERNAL FLOATING ROOF

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
BAAQMD Condition # 26356			
Part 1	Grandfathered throughput limit (basis: 2-1-234.1.2, 2-1-307)	Y	
Part 2	Recordkeepiing (basis: 2-1-234.1.2)	Y	

Table IV - K
Source-specific Applicable Requirements
S45 - SUMP TANK - UNDERGROUND

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (10/18/2006)**		
8-5-301	Storage Tanks Control Requirements (Smaller than 75 m^3): a submerged fill pipe	N	
SIP	**Organic Compounds - Storage of Organic Liquids (6/5/03)**		

IV. Source-specific Applicable Requirements

Table IV - K
Source-specific Applicable Requirements
S45 - SUMP TANK - UNDERGROUND

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Regulation 8, Rule 5			
8-5-301	Storage Tanks Control Requirements (Smaller than 75 m^3): a submerged fill pipe	Y	
40 CFR 63 Subpart A	**National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)**		
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	
40 CFR 63 Subpart BBBBBB	**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	

IV. Source-specific Applicable Requirements

Table IV - K
Source-specific Applicable Requirements
S45 - SUMP TANK - UNDERGROUND

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition # 16514			
part 1	Throughput limit, yearly (basis: Cumulative increase)	Y	
part 2	Recordkeeping requirements of throughput (basis: BAAQMD Regulation 2-6-501, Cumulative increase)	Y	

Table IV - L
Source-specific Applicable Requirements
S47 – UNLOADING RACK 7 (ETHANOL)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 1	**General Provisions and Definitions (5/4/2011)**		
1-523	Parametric Monitoring and Recordkeeping Requirements	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	
SIP Regulation 1	**General Provisions and Definitions (6/28/1999)**		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	
1-523.3	Reports of Violations	Y	
BAAQMD Regulation 8, Rule 6	**Organic Liquid Bulk Terminals and Bulk Plants (2/2/1994)**		
8-6-304	Deliveries to storage tanks	Y	
8-6-305	Delivery vehicle requirements	Y	
8-6-306	Equipment maintenance	Y	

IV. Source-specific Applicable Requirements

Table IV - L
Source-specific Applicable Requirements
S47 – UNLOADING RACK 7 (ETHANOL)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-6-307	Operating practices	Y	
BAAQMD Condition # 23134			
part 1	Throughput limit, yearly (basis: cumulative increase)	Y	
part 2	Abatement device requirements (basis: Regulation 8-6-304)	Y	
part 3	Emissions Limit (basis: BACT, Cumulative Increasr)	Y	
part 5	Source testing requirement (basis: BACT, Cumulative Increase)	Y	
part 6	Record keeping requirements (basis: Regulation 2-6-501; Cumulative Increase)	Y	

Table IV - M
Source-specific Applicable Requirements
S48 – OFFSPEC UNLOADING RACK 8

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 1	**General Provisions and Definitions (5/4/2011)**		
1-523	Parametric Monitoring and Recordkeeping Requirements	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	
SIP Regulation 1	**General Provisions and Definitions (6/28/1999)**		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	
1-523.3	Reports of Violations	Y	
BAAQMD Regulation 8,	**Organic Compounds – Miscellaneous Operations (7/20/2005)**		

IV. Source-specific Applicable Requirements

Table IV - M
Source-specific Applicable Requirements
S48 – OFFSPEC UNLOADING RACK 8

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Rule 2			
8-2-301	Miscellaneous Operations – emissions less than 15 lb/day and concentration less than 300 ppm	Y	
40 CFR 63 Subpart A	**National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)**		
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	
40 CFR 63 Subpart BBBBBB	**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	
63.11088(a)	Emission limit and management practice in Table 2	Y	
63.11088 (c)	Compliance dates	Y	
63.11088 (d)	Testing and monitoring requirements as specified in 63.11092	Y	
63.11088(e)	Applicable notification as per 63.11093	Y	
63.11088(f)	Recordkeeping and report submission as per 63.11094 and 63.11095	Y	
63.11092	Testing and monitoring requirements	Y	
63.11092(a)	Performance test on the vapor processing and collection system	Y	

IV. Source-specific Applicable Requirements

Table IV - M
Source-specific Applicable Requirements
S48 – OFFSPEC UNLOADING RACK 8

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.11092(b)	Determine a monitored operating parameter value for the vapor processing system	Y	
63.11092(b)(1)(iii)	Installation and operation of continuous parameter monitoring system for vapor processing system (thermal oxidation system)	Y	
63.11092(b)(3)	Determine operating parameter value based on performance test	Y	
63.11092(b)(4)	Submit the rationale for the selected parameter value, etc. for the Administrator's approval	Y	
63.11092(b)(5)	Performance test alternatives	Y	
63.11092(c)	Document reason for any change in the operating parameter value	Y	
63.11092(d)	Compliance requirements to operate the vapor processing system	Y	
63.11093	Notification requirements	Y	
63.11094(b)	Recordkeeping of test results for each gasoline cargo tanks	Y	
63.11094(c)	Alternative to keeping records of test results for each gasoline cargo tanks	Y	
63.11094(f)(1)	Recordkeeping of continuous monitoring data	Y	
63.11094(f)(2)(i)	Record and report simultaneously with Notification of Compliance Status all data and calculations, etc., in determining the operating parameter value.	Y	
63.11094(f)(3)	Keep an up-to-date, readily accessible copy of the monitoring and inspection plan as per 63.11092(b)(1)(iii)(B)(2)	Y	
63.11094(f)(4)	Keep an up-to-date, readily accessible record of all system malfunctions, as specified in 63.11092(b)(1)(iii)(B)(2)(v)	Y	
63.11095(a)(2)	Submit semiannual compliance report for each loading of cargo tank for which vapor tightness documentation had not been previously obtained	Y	
63.11095(b)	Submit excess emission report at the same time semiannual compliance report is submitted	Y	
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	Y	
63.11100	Definitions	Y	
BAAQMD Condition #			

IV. Source-specific Applicable Requirements

Table IV - M
Source-specific Applicable Requirements
S48 – OFFSPEC UNLOADING RACK 8

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
23491			
part 1	Unloading event limit (basis: cumulative increase)	Y	
part 2	Vapor balance system requirements (basis: cumulative increase)	Y	
part 3	Record-keeping requirements (basis: Regulation 2-6-501	Y	

Table IV - N
Source-specific Applicable Requirements
COMPONENTS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 18	**Organic Compounds - Equipment Leaks (12/16/2015)**		
8-18-301	General limits	N	
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	
8-18-307	Liquid Leaks	N	
8-18-308	Alternate compliance	N	
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	

IV. Source-specific Applicable Requirements

Table IV - N
Source-specific Applicable Requirements
COMPONENTS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-18-407	Recurrent Leak Schedule	N	
8-18-501	Portable Hydrocarbon Detector	N	
8-18-502	Records	N	
8-18-503	Reports	N	
SIP Regulation 8, Rule 18	**Organic Compounds-Equipment Leaks (6/5/2003)**		
8-18-301	General	Y	
8-18-302	Valves	Y	
8-18-303	Pumps and compressors	Y	
8-18-304	Connectors	Y	
8-18-305	Pressure relief devices	Y	
8-18-306	Non-repairable equipment	Y	
8-18-307	Liquid Leaks	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	
SIP Regulation 8, Rule 25	**Organic Compounds-Pump and Compressor Seals at Petroleum Refinery Complexes, Chemical Plants, Bulk Plants and Bulk Terminals (3/719/95)**		
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	

IV. Source-specific Applicable Requirements

Table IV - N
Source-specific Applicable Requirements
COMPONENTS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
40 CFR 63 Subpart A	**National Emission Standards for Hazardous Air Pollutants for Source Categories (3/16/1994)**		
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	
40 CFR 63 Subpart BBBBBB	**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	

IV. Source-specific Applicable Requirements

Table IV - N
Source-specific Applicable Requirements
COMPONENTS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
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

Any condition that is preceded by an asterisk is not federally enforceable.

CONDITION # 5406
For S12, Storage Tank:

1. The throughput of ethanol shall be limited to 59.4 MM gallons/year. (basis: Cumulative increase)

2. The operator shall maintain a record of the throughput of ethanol through this tank. These records shall be kept on a monthly basis. All records shall be retained for a period of five years from the date of entry, and be made available to District Staff on request. (basis: Regulation 2-6-501, cumulative increase)

CONDITION # 7492
For S1, S28, S29, S30, S31, S32, Loading Racks

1. The owner/operator shall keep the California Air Resources Board (CARB) certification on site and make it available to District staff upon request. (basis: Regulation 8-33-301; SIP Regulation 8-33-302)

2. The owner/operator shall not exceed hourly total material throughput (except for materials with TVP less than 0.5 psi) of 200,000 gallons (in direct mode only) or any amount certified by the California Air Resources Board at this facility. (basis: SIP Regulation 8-33-307, CARB certification)

3. The owner/operator shall not exceed daily and annual total material throughput (except for materials with TVP less than 0.5 psi) of 4,000,000 gallons and 1,519,400,000 gallons respectively. (basis: SIP Regulation 8-33-307, cumulative increase)

4. To demonstrate compliance with parts 2 and 3, the owner/operator shall maintain hourly, daily, and annual total material throughput in a District approved log. These records shall be kept on site for at least five years from the date on which a record is made. (basis: Regulation 2-6-501, cumulative increase)

5. To demonstrate compliance with all applicable sections of Regulation 8-33, the owner/operator shall install the following equipment at this facility. All monitors shall be calibrated weekly. In case of monitor breakdown, the monitor shall be repaired as soon as possible and within 15 days.

VI. Permit Conditions

CONDITION # 7492
For S1, S28, S29, S30, S31, S32, Loading Racks

a. A sample line from each of the pressure-vacuum valves located at the loading racks that is easily accessible by District personnel to determine any valve leakage. (basis: Regulation 8-33-309.15; SIP Regulation 8-33-305)
b. A zero to 30-inch water column pressure gauge shall be permanently installed at the vapor manifold of each loading rack to check the backpressure. (basis: Regulation 8-33-309.10; SIP Regulation 8-33-309)
c. An infrared type hydrocarbon analyzer shall monitor the hydrocarbon (HC) concentration of the burner exhaust in parts per million (PPM) as propane. The HC concentration shall be recorded continuously on a strip chart. (basis: Regulation 8-33-309.13; SIP Regulation 8-33-301)
d. An infrared type hydrocarbon analyzer shall monitor the air space HC concentration above the vapor holder bladder. This monitor shall measure HC concentrations from 0-2500 PPM as butane and shall record such concentrations on a strip chart with a speed of at least one inch per hour. (basis: Regulation 8-33-308.2; SIP Regulation 8-33-308)

6. The owner/operator shall stop loading materials (except those with TVP less than 0.5 psi) at this facility whenever both the vapor burner and vapor bladder are not fully operational for any reason. (basis: Regulation 8-33-309.12; SIP Regulation 8-33-301, 8-33-308)

7. The owner/operator shall operate the vapor recovery system in such a way that the concentration of HC in the burner exhaust does not exceed 200 PPM as propane when averaged over a six-hour period. (basis: Regulation 8-33-309.13; SIP Regulation 8-33-301, cumulative increase)

8. The owner/operator shall install a two-stage high-level vapor holder alarm at the vapor holder. The first stage shall alarm at a vapor diaphragm height between 19 feet and 21 feet. The second stage shall shutdown the vapor holder at a vapor diaphragm height of 22 feet or above. (basis: Regulation 8-33-308; SIP Regulation 8-33-308)

9. The owner/operator shall set the alarm of the analyzer at the vapor tank at 1,250 PPM as butane. The owner/operator shall take the vapor holder out of service when the HC concentration exceeds 1,250 PPM as butane for a period or periods aggregating more than 2 hours in 24 hours. The vapor holder shall be repaired and tested prior to placing it back in service. (basis: Regulation 8-33-308; SIP Regulation 8-33-308)

VI. Permit Conditions

CONDITION # 7492
For S1, S28, S29, S30, S31, S32, Loading Racks

10. The owner/operator shall have all equipment at this facility, which is subject to Regulation 8-33 maintained in good operating condition at all times. (basis: Regulation 8-33-305; SIP Regulation 8-33-305)

11. The owner/operator shall keep all maintenance records required for the vapor recovery system at this facility, which is subject to Regulation 8-33, on site for at least five years and made available to District staff upon request. (basis: Regulation 2-6-501; Regulation 8-33-504, 8-33-505)

12. The owner/operator shall use the vapor recovery system (A2) and/or (A3) to abate the loading racks S1, S28, S29, S30, S31 and S32. The volatile organic compound (VOC) destruction efficiency of the abatement device shall be equal to or greater than 98.5%. (basis: Regulation 8-33-301, 8-33-309.1; SIP Regulation 8-33-301, BACT)

13. The owner/operator shall operate the vapor recovery system (A2) and (A3) at a minimum temperature of 600 degrees Fahrenheit or above to demonstrate compliance with condition part #7 and part #12 at all times it is abating the loading racks. (basis: Regulation 8-33-301; SIP Regulation 8-33-301)

14. The temperature limit in part 13 shall not apply during an "Allowable Temperature Excursion" provided that the temperature controller setpoint complies with the Temperature limit. An Allowable Temperature Excursion is one of the following:

    a. A temperature excursion not exceeding 20 degree Fahrenheit; or
    b. A temperature excursion for a period or periods which when combined are less than 15 minutes in any hour; or
    c. A temperature excursion for a period or periods which when combined are more than 15 minutes in any hour, provided that all three of the following criteria are met.

        i. the excursion does not exceed 50 degree Fahrenheit;
        ii. the duration of the excursion does not exceed 24 hours;
        iii. the total number of such excursion does not exceed 12 per consecutive 12-month period.

    Two or more excursions greater than 15 minutes in duration occurring during the same 24-hour period shall be counted as one excursion toward the 12-excursion limit. (basis: Regulation 2-1-403)

VI. Permit Conditions

CONDITION # 7492
For S1, S28, S29, S30, S31, S32, Loading Racks

15. For each Allowable Temperature Excursion that exceeds 20 degree Fahrenheit and 15 minutes in duration, the owner/operator shall keep sufficient records to demonstrate that they meet the qualifying criteria described above in part 14. Records shall be retained for a minimum period of five years from the date of data entry, and shall be made available to the District staff for inspection. Records shall include at least the following information:
    a. Temperature controller setpoint;
    b. Starting date and time, and duration of each Allowable Temperature Excursion;
    c. Measured temperature during each Allowable Temperature Excursion;
    d. Number of Allowable Temperature Excursion per month, and total number for the consecutive 12-month period; and
    e. All strip charts or other temperature records.
    (basis: Regulation 2-1-403: Regulation 2-6-501)

16. For the purposes of parts #14 and #15, a temperature excursion refers only to temperature below the limit. (basis: Regulation 2-1-403)

17. The owner/operator shall equip the vapor recovery system (A2) and (A3) with a District approved continuous temperature monitoring and recording device to demonstrate compliance with condition part #13. Records of operating temperature shall be kept on site for at least five years from the date on which a record is made. (basis: Regulation 2-6-501)

18. The loading racks have two alternate operating scenarios: by-pass mode (most frequent mode of operation) and direct-mode. In the bypass mode, the emissions from the loading racks are routed to the vapor holder before control by the incinerator. In the direct mode, the emissions from the loading rack are routed to the incinerator directly. The owner/operator shall keep a record in a contemporaneous log when the mode of operation is changed from one operating scenario to another. The record shall be kept for at least five years from the date of entry and be made available to the District staff for inspection. (basis: Regulation 2-6-409.7, 2-6-501)

Condition # 16514
For S45, Sump Tank-Underground:

1. The total gasoline and jet kerosene throughput at this sump, S45, shall not exceed 214,520 gallons and 92,072 gallons respectively per consecutive 12 month period. (basis: cumulative increase)

VI. Permit Conditions

Condition # 16514
For S45, Sump Tank-Underground:

2. In order to demonstrate compliance with part 1, the type and monthly throughput of each material shall be recorded in a District approved logbook. These records shall be kept on site for at least five years from the date of recording, and be made available to the District staff for inspection. (basis: Regulation 2-6-501, cumulative increase)

Condition # 23134
For S-47, Unloading Rack 7 (ethanol), 4 loading arms

1. The owner/operator shall receive denatured ethanol at this facility only through S-47 and shall not exceed a throughput limit of 123.48 million gallons per consecutive 12-month period. (basis: cumulative increase)

2. The owner/operator shall not transfer denatured ethanol unless a vapor balance system is installed and properly connected during delivery. (basis: Regulation 8-6-304)

3. The owner/operator shall ensure that the POC emissions from S-47 shall not exceed 0.04 pounds per 1000 gallons of denatured ethanol transferred. (Basis: BACT, Cumulative Increase)

4. Deleted.

5. After the initial source test in Part 4, the owner/operator shall conduct a District approved source test annually to determine compliance with the limit in Part 3 for POC emissions. When two consecutive annual source tests demonstrate compliance with Part 3, the owner/operator shall conduct a District approved source test biennially. If any source test indicates non-compliance, the owner/operator shall continue to conduct a District approved source test annually until two consecutive annual source tests demonstrate compliance. (basis: BACT, Cumulative Increase)

VI. Permit Conditions

Condition # 23134
For S-47, Unloading Rack 7 (ethanol), 4 loading arms

6. To demonstrate compliance with the above, the owner/operator shall maintain the following monthly records in a District-approved log for when equipment is in operation:

   a. The true vapor pressure of each organic liquid transferred;
   b. The amount of each organic liquid transferred;
   c. All source test results

   The monthly totals shall be summed on a running 12-month basis to demonstrate compliance with Part 1. All records shall be retained on site for at least five years from the date of entry. These logs shall be made available for inspection by District staff upon request. (Basis: Regulation 8-6-501; Cumulative Increase)

Condition # 23491
For S-48, Offspec Unloading Rack 8, 2 loading arms

1. The owner/operator shall unload offspec gasoline at this facility only through S-48 and shall not exceed number of unloading event limit of 6600 per consecutive 12-month period. (basis: cumulative increase)

2. The owner/operator shall not unload offspec gasoline unless a vapor balance system is installed and properly connected during unloading. (basis: cumulative increase)

3. The owner/operator shall keep records in a District approved logbook to demonstrate compliance with part 1 and keep the records for at least five (5) years from the date of data entry and make it available to the District staff upon request. (basis: Regulation 2-6-501)

VI. Permit Conditions

Condition # 26356
General Throughput Conditions and other miscellaneous monitoring requirements for Title V:

1. The following throughput limits are based upon District records at the time of MFR permit issuance. Exceedance of those limits for which Regulation 2-1-234.1.2 was the identified basis are not a violation of the permit if the operator can, within 60 days, provide documentation demonstrating the throughput limit should be higher, established in accordance with 2-1-234.1.2, and the excess throughput complies with the new limit. Exceedance of those limits which have other permit conditions or application information as the basis are a violation of Regulation 2-1-307 immediately upon exceedance of the limit. (basis: Regulation 2-1-234.1.2, Regulation 2-1-307)

S-#	Description	Annual Limit
2	Storage Tank SJ-1 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
3	Storage Tank SJ-2 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
5	Storage Tank SJ-4 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
6	Storage Tank SJ-5 (Multi-liquid)	38,866,550 gallons/yr (Ethanol)
7	Storage Tank SJ-7 (Multi-liquid)	S7+S9+S23<166,086,774 gallons (Jet)
8	Storage Tank SJ-8 (Multi-liquid)	S8+S21+S26 < 416,752,896 gallons (Diesel)
9	Storage Tank SJ-9 (Multi-liquid)	S7+S9+S23<166,086,774 gallons (Jet)
10	Storage Tank SJ-10 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
13	Storage Tank SJ-13 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)

VI. Permit Conditions

S-#	Description	Annual Limit
14	Storage Tank SJ-14 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
16	Storage Tank SJ-17 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
17	Storage Tank SJ-18 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
18	Storage Tank SJ-19 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
19	Storage Tank SJ-20 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
20	Storage Tank SJ-21 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
21	Storage Tank SJ-22 (Multi-liquid)	S8+S21+S26 < 416,752,896 gallons (Diesel)
22	Storage Tank SJ-23 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
23	Storage Tank SJ-24 (Multi-liquid)	S7+S9+S23<166,086,774 gallons (Jet)
25	Storage Tank SJ-29 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)

VI. Permit Conditions

S-#	Description	Annual Limit
26	Storage Tank SJ-30 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline); S8+S21+S26 < 416,752,896 gallons (Diesel)
27	Storage Tank SJ-31 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
33	Storage Tank SJ-33 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
34	Storage Tank SJ-16 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
35	Storage Tank SJ-27 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
36	Storage Tank SJ-32 (Multi-liquid)	77,948,000 gallons/yr
39	Storage Tank (Multi-liquid)	1,963,000 gallons/yr
40	Storage Tank SJ-34 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)
44	Storage Tank SJ-28 (Multi-liquid)	S2+S3+S5+S10+S13+S14+S16+S17+S18 +S19+S20+S22+S25+S26+S27+S33+S34 +S35+S40+S44<923,275,248 gallons (Gasoline)

2. Effective November 1, 2016, the facility shall maintain annual throughput records for all storage tanks. These records shall be kept on site and made available for District inspection for a period of 60 months from the date that the record was made. (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, S28, S29, S30, S31, S32 – LOADING RACKS, 1, 2, 3, 4, 5, 6

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 8-33-301.2	N		0.04 lb/1000 gallons	BAAQMD 8-33-309.4; 8-33-309.13; CARB Certification	C; P/9-15 months	Parametric; Source test; Recordkeeping ; Notification
	BAAQMD 8-33-308	N		< 3,000 ppm as methane or 6% of the lower explosive limit	BAAQMD 8-33-308.2; BAAQMD Condition #7492, part 5d, and part 9	C; P/weekly	Infrared HC Analyzer; Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - A
Applicable Limits and Compliance Monitoring Requirements
S1, S28, S29, S30, S31, S32 – LOADING RACKS, 1, 2, 3, 4, 5, 6

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 8-33-309.2	N		18 in. of water column	BAAQMD 8-33-309.11, and BAAQMD Condition #7492, part 5b	P/during product loading	Pressure gauge; Recordkeeping
POC	SIP 8-33-301	Y		9.6 g/1000 liters (0.08 lb/1000 gallons)	CARB Certification	P/ 6 months; throughput limit revision	Source test, Recordkeeping
	SIP 8-33-308	Y		3,000 ppm as methane and 6.8 Kg (15 pounds) per day	BAAQMD Condition #7492, part 5d, and part 9	C	Infrared HC Analyzer
POC	SIP 8-33-309	Y		46 cm (18 in.) of water column	BAAQMD 8-33-309, and BAAQMD Condition #7492, part 5b	P/during product loading	Pressure gauge
	40 CFR 60.502(b)	Y		35 g/1000 liters	40 CFR 60.503(c)	P/6 months	Source test
POC	40 CFR 60.502(e)	Y		Vapor-tight gasoline tank trucks	40 CFR 60.505(b)	P/during product loading, and within 2 weeks	Vapor tightness documents
	40 CFR 63.11088 (a)	Y	1/10/2011	80 mg/liter	40 CFR 63.11092(a)	P/6 month	Source test

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - A
Applicable Limits and Compliance Monitoring Requirements
S1, S28, S29, S30, S31, S32 – LOADING RACKS, 1, 2, 3, 4, 5, 6

Type of Limit	Citation of Limit	FE Y/ N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	40 CFR 63.11088 (a)	Y		Vapor-tight gasoline cargo tanks	40 CFR 63.11092(f) (1)	P/annual	Certification test documents
	BAAQMD Condition #7492, part 7	Y		200 ppm as propane	BAAQMD Condition #7492, part 5c	P/C	Infrared HC Analyzer
Total material throughput limit	BAAQMD Condition #7492, part 2	Y		200,000 gallons/hr	BAAQMD Condition #7492, part 4	P/H	Record keeping
Total material throughput limit	BAAQMD Condition #7492, part 3	Y		4,000,000 gallons/day; 1,519,400,000 gallons/yr	BAAQMD Condition #7492, part 4	P/D	Record keeping
POC	BAAQMD Condition #7492, parts 13, and 14	Y		Operating temperature 600 degree Fahrenheit	BAAQMD Condition #7492, parts 15, and 17	C	Record Keeping
POC	BAAQMD Condition #7492, part 12	Y		Destruction efficiency 98.5%	BAAQMD Condition #7492, parts 13 and 17	C	Record Keeping
POC	BAAQMD Condition #7492, part 18	Y		Operating Mode	BAAQMD Regulation 2-6-409.7	P/Mode change	Record Keeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - B
Applicable Limits and Compliance Monitoring Requirements
S2, S5, S19, S23, 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
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 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - B
Applicable Limits and Compliance Monitoring Requirements
S2, S5, S19, S23, 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 8-5-402.2 & 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 8-5-402 & 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 8-5-401, 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 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - B
Applicable Limits and Compliance Monitoring Requirements
S2, S5, S19, S23, 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 8-5-321.3.2	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, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQM 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 ½ 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)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - B
Applicable Limits and Compliance Monitoring Requirements
S2, S5, S19, S23, 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 8-5-328.1	N		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
POC	SIP 8-5-303.1	Y		PVV set to either 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	SIP8-5-320.3.1	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
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

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - B
Applicable Limits and Compliance Monitoring Requirements
S2, S5, S19, S23, 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 8-5-320.5.3	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 & Compliance Monitoring Requirements

Table VII - B
Applicable Limits and Compliance Monitoring Requirements
S2, S5, S19, S23, 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 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

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - B
Applicable Limits and Compliance Monitoring Requirements
S2, S5, S19, S23, 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 8-5-328.1.1	Y		Tank $\geq$ 75 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	SIP 8-5-328.1.2	Y		Tank $\geq$ 75 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
Through-put	BAAQMD Condition # 26356 Part 1	Y		S2+S3+S5+S10+S13+S14+S16+S17+S18+S19+S20+S22+S25+S26+S27+S33+S34+S35+S40+S44<923,275,248 gallons (Gasoline); S7+S9+S23< 166,086,774 gallons (Jet); S8+S21+S26 < 416,752,896 gallons (Diesel)	BAAQMD Condition # 26356 Part 2	P/M	Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - C
Applicable Limits and Compliance Monitoring Requirements
S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - 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 8-320.3.1	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 8-320.3.2	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 8-5-320.5.2	N		Slotted sampling or gauging wells in closed position with cover, seal or lid $\leq$ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - C
Applicable Limits and Compliance Monitoring Requirements
S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - 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 8-5-402.2 & 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 8-5-402 & 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 8-5-401, 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 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - C
Applicable Limits and Compliance Monitoring Requirements
S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - 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 8-5-321.3.2	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, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQM 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 ½ 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)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - C
Applicable Limits and Compliance Monitoring Requirements
S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - 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 8-5-328.1	N		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
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 & Compliance Monitoring Requirements

Table VII - C
Applicable Limits and Compliance Monitoring Requirements
S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - 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 8-5-320.5.2	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

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - C
Applicable Limits and Compliance Monitoring Requirements
S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - 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 8-5-321.3.1	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 ½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - C
Applicable Limits and Compliance Monitoring Requirements
S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - 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 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	SIP 8-5-328.1.2	Y		Tank $\geq$ 75 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
Through-put	BAAQMD Condition # 26356 Part 1	Y		S2+S3+S5+S10+S13+S14+S16+S17+S18+S19+S20+S22+S25+S26+S27+S33+S34+S35+S40+S44<923,275,248 gallons (Gasoline); S7+S9+S23< 166,086,774 gallons (Jet); S8+S21+S26 < 416,752,896 gallons (Diesel)	BAAQMD Condition # 26356 Part 2	P/M	Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - D
Applicable Limits and Compliance Monitoring Requirements
S6, S13, S16, S21 - 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 8-320.3.1	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 8-320.3.2	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 8-5-320.5.2	N		Slotted sampling or gauging wells in closed position with cover, seal or lid $\leq$ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - D
Applicable Limits and Compliance Monitoring Requirements
S6, S13, S16, S21 - 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 8-5-402.2 & 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 8-5-402 & 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 8-5-401, 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 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - D
Applicable Limits and Compliance Monitoring Requirements
S6, S13, S16, S21 - 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 8-5-321.3.2	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, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1	N		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
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 & Compliance Monitoring Requirements

Table VII - D
Applicable Limits and Compliance Monitoring Requirements
S6, S13, S16, S21 - 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 ≤ 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 ≤ 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 ≤ 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 ≤ 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 ≥ 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 & Compliance Monitoring Requirements

Table VII - D
Applicable Limits and Compliance Monitoring Requirements
S6, S13, S16, S21 - 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 & Compliance Monitoring Requirements

Table VII - D
Applicable Limits and Compliance Monitoring Requirements
S6, S13, S16, S21 - 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 8-5-328.1.1	Y		Tank $\geq$ 75 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	SIP 8-5-328.1.2	Y		Tank $\geq$ 75 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

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - D
Applicable Limits and Compliance Monitoring Requirements
S6, S13, S16, S21 - 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
Through-put	BAAQMD Condition # 26356 Part 1	Y		S2+S3+S5+S10+S13+S14+S16+S17+S18+S19+S20+S22+S25+S26+S27+S33+S34+S35+S40+S44<923,275,248 gallons (Gasoline); S6< 36,866,550 gallons (Ethanol); S8+S21+S26 < 416,752,896 gallons (Diesel)	BAAQMD Condition # 26356 Part 2	P/M	Recordkeeping

Table VII – E
Applicable Limits and Compliance Monitoring Requirements
S12 - 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

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – E
Applicable Limits and Compliance Monitoring Requirements
S12 - 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 8-5-320.3.1	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 monthintervals	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 monthintervals	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 ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 monthintervals	Inspection Certification
POC	BAAQMD 8-5-320.5.2	N		Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – E
Applicable Limits and Compliance Monitoring Requirements
S12 - 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 8-5-320.5.3	N		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured $\leq$ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 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 & 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 8-5-401, 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 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – E
Applicable Limits and Compliance Monitoring Requirements
S12 - 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 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1	N		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
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

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – E
Applicable Limits and Compliance Monitoring Requirements
S12 - 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 8-5-320.3.1	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
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 monthintervals	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 ≤ 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 ≤ 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 & Compliance Monitoring Requirements

Table VII – E
Applicable Limits and Compliance Monitoring Requirements
S12 - 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 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification
POC	SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover ≥ 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 & Compliance Monitoring Requirements

Table VII – E
Applicable Limits and Compliance Monitoring Requirements
S12 - 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 8-5-328.1.1	Y		Tank $\geq$ 75 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	SIP 8-5-328.1.2	Y		Tank $\geq$ 75 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

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – E
Applicable Limits and Compliance Monitoring Requirements
S12 - 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
Ethanol through-put limit	BAAQMD Condition #5406, part 1	Y		5.04 MM gallons/yr	BAAQMD Condition #5406, part 2	P/M	Recordkeeping

Table VII - F
Applicable Limits and Compliance Monitoring Requirements
S33, S40 – 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

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - F
Applicable Limits and Compliance Monitoring Requirements
S33, S40 – 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 8-5-320.4.3	N		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.3 & 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 ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 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 ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 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 ≥ 90% opening area	BAAQMD 8-5-402 & 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 & Compliance Monitoring Requirements

Table VII - F
Applicable Limits and Compliance Monitoring Requirements
S33, S40 – 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	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, 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 8-5-401, 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 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - F
Applicable Limits and Compliance Monitoring Requirements
S33, S40 – 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 8-5-322.1	N		No holes, tears, or other openings	BAAQM 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 ½ 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)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1	N		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
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 & Compliance Monitoring Requirements

Table VII - F
Applicable Limits and Compliance Monitoring Requirements
S33, S40 – 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 ≤ 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 ≤ 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 ≤ 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 ≥ 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 & Compliance Monitoring Requirements

Table VII - F
Applicable Limits and Compliance Monitoring Requirements
S33, S40 – 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 & Compliance Monitoring Requirements

Table VII - F
Applicable Limits and Compliance Monitoring Requirements
S33, S40 – 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 ½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - F
Applicable Limits and Compliance Monitoring Requirements
S33, S40 – 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 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	SIP 8-5-328.1.2	Y		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 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)				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
POC	40 CFR 63.11087 (a)	Y			40 CFR 63.11092(e)(1)	P/E, 1 or 5 or 10 yrs	Visual Inspection, Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - F
Applicable Limits and Compliance Monitoring Requirements
S33, S40 – 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
Through-put	BAAQMD Condition # 26356 Part 1	Y		S2+S3+S5+S10+S13+S14+S16+S17+S18+S19+S20+S22+S25+S26+S27+S33+S34+S35+S40+S44<923,275,248 gallons (Gasoline)	BAAQMD Condition # 26356 Part 2	P/M	Recordkeeping
Liquid Stored		Y		>0.5 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 psia	40 CFR 60.116b(d)	P/D	Notify

Table VII – G
Applicable Limits and Compliance Monitoring Requirements
S36 - 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

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – G
Applicable Limits and Compliance Monitoring Requirements
S36 - 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 8-5-320.3.2	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 ≤ 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 8-5-320.5.2	N		Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 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 ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 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 ≥ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – G
Applicable Limits and Compliance Monitoring Requirements
S36 - 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 8-5-321.1	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 8-5-401, 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 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – G
Applicable Limits and Compliance Monitoring Requirements
S36 - 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 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQM 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 ½ 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)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – G
Applicable Limits and Compliance Monitoring Requirements
S36 - 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	N		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
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 & Compliance Monitoring Requirements

Table VII – G
Applicable Limits and Compliance Monitoring Requirements
S36 - 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 8-5-320.5.2	Y		Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 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 ≤ 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 ≥ 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

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – G
Applicable Limits and Compliance Monitoring Requirements
S36 - 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 8-5-321.3.1	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 ½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – G
Applicable Limits and Compliance Monitoring Requirements
S36 - 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 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	SIP8-5-328.1.2	Y		Tank $\geq$ 75 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
Through-put	BAAQMD Condition # 26356 Part 1	Y		S36 < 77,948,000 gallons/yr	BAAQMD Condition # 26356 Part 2	P/M	Recordkeeping
Liquid stored		Y			40 CFR 60.115(a)	P/D	Record keeping
True vapor pressure		Y			40 CFR 60.115(b)	P/D	Record keeping
True vapor pressure		Y		> 1.0 psia	40 CFR 60.115(c)	P/D	Record keeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – H
Applicable Limits and Compliance Monitoring Requirements
S39 - STORAGE TANK - UNDERGROUND

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Through-put	BAAQMD Condition # 26356 Part 1	Y		S39<1,963,000 gallons/yr	BAAQMD Condition # 26356 Part 2	P/M	Recordkeeping

Table VII - I
Applicable Limits and Compliance Monitoring Requirements
S43 - 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	BAAQMD 8-8-301.1	N		Roof seals, other openings Gap < 0.125 inch	BAAQMD 8-8-301.1	P/Initially and 6 months	Visual inspection
POC	SIP 8-8-301.1	Y		Roof seals, other openings Gap < 0.125 inch	SIP 8-8-301.1	P/Initially and 6 months	Visual inspection

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – J
Applicable Limits and Compliance Monitoring Requirements
S44 - 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 ≤ 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 8-5-320.5.2	N		Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 month intervals	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – J
Applicable Limits and Compliance Monitoring Requirements
S44 - 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 8-5-320.5.3	N		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 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 ≥ 90% opening area	BAAQMD 8-5-402 & 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 8-5-401, 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 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – J
Applicable Limits and Compliance Monitoring Requirements
S44 - 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 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	N		No holes, tears, or other openings	BAAQM 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 ½ 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)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – J
Applicable Limits and Compliance Monitoring Requirements
S44 - 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	N		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
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 & Compliance Monitoring Requirements

Table VII – J
Applicable Limits and Compliance Monitoring Requirements
S44 - 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 8-5-320.5.2	Y		Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 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 ≤ 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 ≥ 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

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – J
Applicable Limits and Compliance Monitoring Requirements
S44 - 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 8-5-321.3.1	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 ½ in) in width	SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – J
Applicable Limits and Compliance Monitoring Requirements
S44 - 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 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	SIP 8-5-328.1.2	Y		Tank $\geq$ 75 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
Through-put	BAAQMD Condition # 26356 Part 1	Y		S2+S3+S5+S10+S13 +S14+S16+S17+S18 +S19+S20+S22+S25 +S26+S27+S33+S34 +S35+S40+S44<923 ,275,248 gallons (Gasoline)	BAAQMD Condition # 26356 Part 2	P/M	Recordkeeping
Liquid Stored		Y			40 CFR 60.115(a)	P/D	Record keeping
True vapor pressure		Y			40 CFR 60.115(b)	P/D	Record keeping
True vapor pressure		Y		>1.0 psia	40 CFR 60.115(c)	P/D	Record keeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - K
Applicable Limits and Compliance Monitoring Requirements
S45 - SUMP TANK – UNDERGROUND

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Gasoline throughput limit	BAAQMD Condition #16514, part 1	Y		214,520 gallons/yr	BAAQMD Condition #16514, part 2	P/M	Recordkeeping
Jet Kerosene throughput limit	BAAQMD Condition #16514, part 1	Y		92,072 gallons/yr	BAAQMD Condition #16514, part 2	P/M	Recordkeeping

Table VII - L
Applicable Limits and Compliance Monitoring Requirements
S47 – UNLOADING RACK 7 (ETHANOL)

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 8-6-304	Y		21 gm/cubic meter (0.17 lb/1000 gallons)		N	N
POC	BAAQMD Condition # 23134 Part 3	Y		0.04 lb/1000 gallons	BAAQMD Condition # 23134 Part 5 and 6	P/A P/M	Source test Recordkeeping
Ethanol throughput limit	BAAQMD Condition # 23134, part 1	Y		123.48 MM gallons/yr	BAAQMD Condition # 23134, part 6	P/M	Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - M
Applicable Limits and Compliance Monitoring Requirements
S48 – OFFSPEC UNLOADING RACK 8

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 8-2-301	N		Not more than 15 lb/day & 300 ppm		N	N
	SIP BAAQMD 8-2-301	Y		Not more than 15 lb/day & 300 ppm		N	N
Unloading event limit	BAAQMD Condition 23491, part 1	Y		6600/yr	BAAQMD Condition # 23491, part 3	P/M	Recordkeeping

Table VII - N
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	N		General equipment leak $\leq$ 100 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD 8-18-302	N		Valve leak $\leq$ 100 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD 8-18-303	N		Pump and compressor leak $\leq$ 500 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - N
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 8-18-304	N		Connection leak $\leq$ 100 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD 8-18-305	N		Pressure relief valve leak $\leq$ 500 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD 8-18-306.1	N		Valve, pressure relief, pump or compressor must be repaired within 5 years or at the next scheduled turnaround	None	N	
POC	BAAQMD 8-18-306.2	N		Awaiting repair Valves $\leq$ 0.5% Pressure Relief $\leq$ 1% Pump and Connector $\leq$ 1%	BAAQMD 8-18-401.5	P/24 hours	Inspection
POC	BAAQMD 8-18-306.3.2	N		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%	BAAQMD 8-18-401.3	P/D	Inspection

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - N
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 8-18-306.3.3	N		Total valve, pressure relief, pump or compressor leaks ≥ 15 lb/day, they must be repaired within 7 days	None	N	
POC	SIP 8-18-301	Y		General equipment leak ≤ 100 ppm	SIP 8-18-401.2	P/Q	Portable hydrocarbon detector, records
POC	SIP 8-18-302	Y		Valve leak ≤ 100 ppm	SIP 8-18-401.2	P/Q	Portable hydrocarbon detector, records
POC	SIP 8-18-303	Y		Pump and compressor leak ≤ 500 ppm	SIP 8-18-401.2	P/Q	Portable hydrocarbon detector, records
POC	SIP 8-18-304	Y		Connection leak ≤ 100 ppm	SIP 8-18-401.2	P/Q	Portable hydrocarbon detector, records
POC	SIP 8-18-305	Y		Pressure relief valve leak ≤ 500 ppm	SIP 8-18-401.2	P/Q	Portable hydrocarbon detector, records
POC	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	

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - N
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	SIP 8-18-306.2	Y		Awaiting repair Valves ≤ 0.5% Pressure Relief ≤ 1% Pump and Connector ≤ 1%	SIP 8-18-401.5	P/24 hours	Inspection
POC	SIP 8-18-306.3.2	Y		Mass emissions & non-repairable equipment allowed Valve ≤ 0.1 lb/day & ≤1.0% Pressure Relief ≤ 0.2 lb/day & ≤ 5% Pump and Connector ≤ 0.2 lb/day & ≤ 5%	SIP 8-18-401.3	P/D	Inspection
POC	SIP 8-18-306.3.3	Y		Total valve, pressure relief, pump or compressor leaks ≥ 15 lb/day, they must be repaired within 7 days	None	N	
POC	SIP BAAQMD 8-25-302	Y		Pump leak ≤ 500 ppm	SIP BAAQMD 8-25-401.2 & 8-25-403	P/Q P/D	Portable hydrocarbon detector, records
POC	SIP 8-25-303	Y		Compressor leak ≤ 500 ppm	SIP BAAQMD 8-25-401.2 & 8-25-403	P/Q P/D	Portable hydrocarbon detector, records
POC	SIP 8-25-304.1	Y		Pump or compressor repaired within 5 years or next scheduled turnaround	SIP BAAQMD 8-25-401.1 & 8-25-402	P/Q	Portable hydrocarbon detector, records

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - N
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	SIP 8-25-304.2	Y		Awaiting repaired valves < 1.0%	SIP BAAQMD 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 BAAQMD 8-25-401.2 & 8-25-403	P/Q P/D	Portable hydrocarbon detector, records
POC	SIP 8-25-306	Y		Repeat pump, compressor leak must meet SIP BAAQMD 8-25-304 & 8-25-305	SIP BAAQMD 8-25-401.2 & 8-25-403	P/Q P/D	Portable hydrocarbon detector, records
POC	40 CFR 63.11089	Y	1/10/2011	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 referenced 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

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 6-1-301	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
SIP BAAQMD 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 or USEPA Method 5, Determination of Particulate Matter Emissions from Stationary Sources
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 Regulation 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 Regulation 8-5-328.1	VOC emissions for tank cleaning	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling
BAAQMD Regulation 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

VIII. Test Methods

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 8-5-603	Determination of Emissions	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
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 Regulation 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 Regulation 8-18-302, 8-18-303	Leak inspection procedures	EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks
BAAQMD Regulation 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 8-33-601	Emission Rate Determination (Vapor Recovery Systems)	Manual of Procedures, Volume IV, ST-34, Bulk and Marine Loading Terminals Vapor Recovery Units
BAAQMD 8-33-601	Emission Rate Determination (Vapor Processing System)	Manual of Procedures, Volume IV, ST-34, Bulk and Marine Loading Terminals Vapor Recovery Units
SIP 8-33-602	Emission Rate Determination (Vapor Balance System)	Manual of Procedures, Volume IV, ST-3, Bulk Plants Emission Factor Determination
BAAQMD 8-33-603	Back Pressure Determination from Vapor Recovery System	Manual of Procedures, Volume IV, ST-34, Bulk and Marine Loading Terminals Vapor Recovery Units

VIII. Test Methods

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
SIP 8-33-603	Vapor Recovery System Loading Pressure	Manual of Procedures, Volume IV, ST-34, Bulk and Marine Loading Terminals Vapor Recovery Units
BAAQMD 8-33-604	Vapor Tight (Gasoline Cargo Tanks)	Manual of Procedures, Volume IV, ST-33, Gasoline Cargo Tanks
SIP 8-33-604	Vapor Tight - Delivery Vehicles	Manual of Procedures, Volume IV, ST-33, Gasoline Cargo Tanks
BAAQMD 8-33-605	Analysis of Samples	Manual of Procedures, Volume III, Lab Method 13, Determination of the Reid Vapor Pressure of Petroleum Products
SIP 8-33-605	Analysis of Samples	Manual of Procedures, Volume III, Lab Method 13, Determination of the Reid Vapor Pressure of Petroleum Products
BAAQMD 8-33-606	Vapor Leak Concentration Determination	CARB TP-204.3, Determination of Leak(s)
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 Ka 40 CFR 60.115a(b)	Reid vapor pressure	ASTM Method D323-82
Subpart Kb 40 CFR 60.112(b)	Vapor pressure	ASTM Method D2879-83
Subpart Kb 40 CFR 60.112(b)(a)(3)	Visual inspection	60 Subpart VV, 60.485(b)
Subpart XX 40 CFR 60.502(b)(c), 60-502(h)	Monitor for leakage	EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks

VIII. Test Methods

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
Subpart XX 40 CFR 60-502(h) and Subpart BBBBB 40 CFR 63.11092(f)(1)	Delivery tank pressure	EPA Reference Method 27, Determination of vapor tightness of gasoline delivery tank using pressure vacuum test.

IX. PERMIT SHIELD

Not applicable

X. REVISION HISTORY

Title V Permit Issuance (Application 16208): November 21, 2001

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

Minor Revision (Applications 7454, 7901, and 9697): December 13, 2004

- The dates of adoption and approval of rules in Section I.A were updated
- Application shield language was added to Section I.B.1.
- Section III, Generally Applicable Requirements was updated.
- Sections III, IV, and XII were amended to say that the SIP requirements are now found on EPA's website.
- Sections IV and VII were updated to reflect changes to Regulation 8, Rule 5, Storage of Organic Liquids.
- Sources S6, S13, S16, and S21 were converted to double-seal tanks.
- Condition 7492, part 2 was revised to clarify that the hourly throughput limit is for direct mode operation only.
- Various additions were made to Section VIII, Test Methods.

Title V Permit Renewal (Applications 14448, 14536, 15410, 15434, 15571): August 3, 2009

- 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.
- Sources S47, S48 and abatement devices A3 and A47 were added.
- Table III has been updated by adding Regulation 2, Rule 5, NSR of Toxic Air Contaminants, SIP Regulation 8, Rule 40, Rule 47, Rule 51, SIP Regulation 9, Rule 1, and California Health and Safety Code Section 93115 et seq. The dates of adoption or approval of the rules and their “federal enforceability” status has also been updated.
- Applicable requirements of Regulation 8, Rule 5, 8, 18, and 33 were updated.
- Conditions 23134 for S47 and 23491 for S48 were added, and condition 7492 was revised.

X. Revision History

- 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 BBBBBB were added.
- Test methods were updated.

Administrative Amendment (Application No. 22868) November 23, 2011

Change Responsible Official from Gregg A. Lies to Jim Giles on the Title Page
Update page numbering. (fixed page breaks)
Update the Section X Revision History.

Administrative Amendment (Application No. 25857) October 6, 2015

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

Title V Permit Renewal (Application No. 26009) April 10, 2017

- Changed Facility Contact from Chuck Wagner to Clay Westlake on the title page.
- The dates of adoption and approval of rules in Section I.A were updated.
- The address in Standard Condition 1.F for the Bay Area Air Quality Management District has been updated to 375 Beale Street, Suite 600, in San Francisco, CA 94105.
- The division name and region number format of the USEPA in Standard Condition 1.G was updated.
- 40 CFR Part 68 was added as Part K of the Standard Conditions because the facility is subject to the requirements.
- Abatement device A2 was deleted.
- Added a column to Table IIA to show the basis for the capacity and limit applicable to the source and indicated basis of the limit (see Section VI. Permit Conditions for more details) for consistency with other Title V permits.
- The dates of adoption or approval of the rules and their "federal enforceability" status has also been updated in Table III and IV.
- Conditions 23134 for S47 was revised (incorporation Application # 20331)
- Test methods were updated.
- Additional terms were added to the glossary for additional information and clarity.

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_5
An Organic chemical compound with five carbon atoms

C_6
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

CEM
Continuous Emission Monitor: a monitoring device that provides a continuous direct

XI. Glossary

measurement of some pollutant (e.g. NOx 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

CO_2
Carbon Dioxide

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 on10/7/98) and SIP Rule 2-1-403, Permit Conditions (as approved by EPA on1/26/99). 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) x (10^6) = (4.53) x (10 x 10 x 10 x 10 x 10 x 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

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Graphitic
Made of graphite.

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_2S
Hydrogen Sulfide

H_2SO_4
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.

MFR
Major Facility Review. The District's term for the federal operating permit program mandated by Title V of the 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)

NOx
Oxides of nitrogen.

XI. Glossary

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.

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.)

O2
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, NOx, PM10, and SO2.

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

PM10
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

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RMG
Refinery Make Gas

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.

SO2
Sulfur dioxide

SO_2 Bubble
An SO2 bubble is an overall cap on the SO2 emissions from a defined group of sources, or from an entire facility. SO2 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 SO2 emissions may be conveniently quantified by monitoring the total amount of RFG that is consumed, and the concentration of H2S and other sulfur compounds in the RFG.

SO_3
Sulfur trioxide

THC
Total Hydrocarbons (NMHC + Methane)

therm
100,000 British Thermal Units

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

TPY
Tons Per Year

XI. Glossary

TRMP
Toxic Risk Management Plan

TRS
"Total reduced sulfur" is a measure of the amount of sulfur-containing compounds in a gas stream, typically a fuel gas stream, including, but not limited to, hydrogen sulfide. The TRS content of a fuel gas determines the concentration of SO2 that will be present in the combusted fuel gas, since sulfur compounds are converted to SO2 by the combustion process.

TSP
Total Suspended Particulate

TVP
True Vapor Pressure

VOC
Volatile Organic Compounds

Units of Measure:

bhp	=	brake-horsepower
btu	=	British Thermal Unit
cfm	=	cubic feet per minute
C	=	degrees Celcius
F	=	degrees Fahrenheit
f^3	=	cubic feet
g	=	grams
gal	=	gallon
gpm	=	gallons per minute
hp	=	horsepower
hr	=	hour
lb	=	pound
in	=	inches
max	=	maximum
m^2	=	square meter
min	=	minute
M	=	thousand
Mg	=	mega-gram, one thousand grams
μg	=	micro-gram, one millionth of a gram
MM	=	million
mm	=	millimeter
MMbtu	=	million btu
mm Hg	=	millimeters of Mercury (pressure)
MW	=	megawatts

XI. Glossary

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