

# Bay Area Air Quality Management District

939 Ellis Street  
San Francisco, CA 94109  
(415) 771-6000

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## ProposedFinal

### MAJOR FACILITY REVIEW PERMIT

Issued To:  
**SFPP, L. P.**  
**Facility #A4022**

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

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

<b>Responsible Official</b>	<b>Facility Contact</b>
<b><u>Gregg A. Lies</u></b> Eugene Braithwaite, Director, Operation Manager	<b><u>Peter Murphy</u></b> <del>Mike Rounds</del> , Area
707-438-2102	925-682-3046 <u>0764</u>

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<b>Type of Facility:</b>	Bulk Terminal	BAAQMD Engineering Division Contact: Dharam Singh
<b>Primary SIC:</b>	4226	
<b>Product:</b>	Bulk storage & terminal for refined petroleum products	

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

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Jack P. Broadbent, Executive Office/Air Pollution Control Officer

Date

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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 7/19/065/2/01);

SIP Regulation 1 - General Provisions and Definitions  
(as approved by EPA through 6/288/27/99);

BAAQMD Regulation 2, Rule 1 - Permits, General Requirements  
(as amended by the District Board on 11/19/088/1/01);

SIP Regulation 2, Rule 1 - Permits, General Requirements  
(as approved by EPA through 1/262/25/99);

BAAQMD Regulation 2, Rule 2 - Permits, New Source Review  
(as amended by the District Board on 6/15/055/17/00);

SIP Regulation 2, Rule 2 - Permits, New Source Review and Prevention of Significant Deterioration  
(as approved by EPA through 1/262/25/99);

BAAQMD Regulation 2, Rule 4 - Permits, Emissions Banking  
(as amended by the District Board on 12/21/045/17/00);

SIP Regulation 2, Rule 4 - Permits, Emissions Banking  
(as approved by EPA through 1/262/25/99); and

BAAQMD Regulation 2, Rule 6 - Permits, Major Facility Review  
(as amended by the District Board on 4/16/035/2/01).

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

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

## I. Standard Conditions

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

### C. Requirement to Pay Fees

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

### D. Inspection and Entry

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

### E. Records

1. The permit holder must provide any information, records, and reports requested or specified by the APCO. (Regulation 1-441, Regulation 2-6-409.4)
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, ~~Regulation 3~~; MOP Volume II, Part 3, §4.7)

## I. Standard Conditions

### 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 first reporting period for this permit shall be [date of issuance], to [six months later]. The report shall be submitted by [one month after end of reporting period].~~ Subsequent reports shall be for the following periods: ~~[May]— 1st through October— 30<sup>th</sup> or 31<sup>st</sup>~~ and ~~[November]— 1st through April— 30<sup>th</sup> or 31<sup>st</sup>~~, and are due on the last day of the month after the end of the reporting period. All instances of non-compliance shall be clearly identified in these reports. The reports shall be certified by the responsible official as true, accurate, and complete. In addition, all instances of non-compliance with the permit shall be reported in writing to the District's Compliance and Enforcement Division within 10 calendar days of the discovery of the incident. Within 30 calendar days of the discovery of any incident of non-compliance, the facility shall submit a written report including the probable cause of non-compliance and any corrective or preventative actions. The reports shall be sent to the following address:

Director of Compliance and Enforcement  
Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, CA 94109  
Attn: Title V Reports

(Regulation 2-6-502, ~~Regulation 3~~; 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 30<sup>th</sup> or 31<sup>st</sup>~~. The certification shall be submitted by ~~November]— 30<sup>th</sup> or 31<sup>st</sup>~~ of each year. The certification must list each applicable requirement, the compliance status, whether compliance was continuous or intermittent, the method used to determine compliance, and any other specific information required by the permit. The permit holder may satisfy this requirement through submittal of District-generated Compliance Certification forms. 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 to the Environmental Protection Agency at the following address:

Director of the Air Division  
USEPA, Region IX  
75 Hawthorne Street  
San Francisco, CA 94105  
Attention: Air-3

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

### 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,

## **I. Standard Conditions**

by following the procedures contained in Regulations 1-431 and 1-432. The District will thereafter determine whether breakdown relief will be granted in accordance with Regulation 1-433. (MOP Volume II, Part 3, §4.8)

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

### **I. Severability**

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

### **J. Miscellaneous Conditions**

1. The maximum capacity for each source as shown in Table II-A is the maximum allowable capacity. Exceedance of the maximum allowable capacity for any source is a violation of Regulation 2, Rule 1, Section 301. (Regulation 2-1-301)

## 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
1	Storage Tank CC-04 (Hydrocarbon)	CWI/USS Corp., External floating roof (Double deck)		126K gallon
2	Storage Tank CC-05 (Hydrocarbon)	CWI/USS Corp., External floating roof (Double deck)		126K gallon
3	Storage Tank CC-06 (Gasoline)	Chicago Bridge & Iron Company, External floating roof (Pontoon type)		755K gallon
4	Storage Tank CC-07 (Jet fuel JP4 & JP8)	Chicago Bridge & Iron Company, External floating roof (Pontoon type)		1627K gallon
5	Storage Tank CC-08 (Multi-liquid)	Pittsburgh-Des Moines Steel Company, External floating roof (Pontoon type)		1483K gallon
6	Storage Tank CC-09 (Multi-liquid)	Pittsburgh-Des Moines Steel Company, External floating roof (Pontoon type)		2121K gallon
7	Storage Tank CC-10 (Multi-liquid)	Pittsburgh-Des Moines Steel Company, External floating roof (Pontoon type)		2121K gallon
8	Storage Tank CC-11 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		2310K gallon
9	Storage Tank CC-12 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		2310K gallon
10	Storage Tank CC-13 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		2265K gallon
11	Storage Tank CC-14 (Multi-liquid)	General American Transportation Corporation, Internal floating roof (Cone roof floating pan)		2209K gallon
12	Storage Tank CC-15 (Multi-liquid)	Pittsburgh-Des Moines Steel Company, Internal floating roof (Cone roof floating pan)		2310K gallon
13	Storage Tank CC-16 (Multi-liquid)	Pittsburgh-Des Moines Steel Company, Internal floating roof (Cone roof floating pan)		2227K gallon

## 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
14	Storage Tank CC-17 (Distillate oil)	Pittsburgh-Des Moines Steel Company, Internal floating roof (Cone roof floating pan)		1750K gallon
18	Storage Tank CC-18	BMT, Internal floating roof (Cone roof floating pan)		2195K gallon
19	Storage Tank CC-19 (Multi-liquid)	BMT, Internal floating roof (Cone roof floating pan)		3146K gallon
20	Storage Tank CC-20 (Multi-liquid)	BMT, Internal floating roof (Cone roof floating pan)		3161K gallon
21	Storage Tank CC-21 (Multi-liquid)	BMT, Internal floating roof (Cone roof floating pan)		2192K gallon
22	Storage Tank CC-22 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		2356K gallon
23	Storage Tank CC-23 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		3157K gallon
24	Storage Tank CC-24 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		2350K gallon
25	Storage Tank CC-25 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		2356K gallon
26	Storage Tank CC-26 (Multi-liquid)	Chicago Bridge & Iron Company, Internal floating roof (Cone roof floating pan)		3179K gallon
27	Oil-Water Separator	AFL Industries		50 gpm
28	Additive Storage Tank CCA-2 (Isopropyl alcohol)	Fixed cone roof		7K gallon
<del>29</del>	<del>Additive Storage Tank CCA-3 (Methyl Cellosolve)</del>	<del>Fixed cone roof</del>		<del>13K gallon</del>
31	Emergency Diesel Engine Generator Set	Caterpillar	3306	266 hp



## 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
40	Pipeline Surge System (35 Surge vessels) (Multi-liquid)	Cylindrical		Three vessels: 4884 gallon (each vessel); D9: 900 gallon; and D15: 6000 gallon
41	Soil Vapor Extraction System	Travaini Dynaseal	TR0300-1A	300 scfm
42	Air Stripper	NEEP, Shallow Tray	2651	600 scfm
43	Transportable Storage Tank (Multi-liquid)	Portable, fixed roof	Custom made	21K gallon
44	Transportable Storage Tank (Multi-liquid)	Portable, fixed roof	Custom made	21K gallon
47	Oil-water separator #1	Carbonair	COW 15F	15 gpm
48	Oil-water separator #2	Carbonair	COW 50F	50 gpm
1000	Sump Tank D-3 (Multi-liquid) (Stockton Line)	Underground		5.88K gallon
1001	Sump Tank D-8 (Multi-liquid) (San Jose Line)	Underground		5.88K gallon
1002	Sump Tank D-10 (Multi-liquid) (Sacramento Line)	Underground		5.88K gallon

**Table II B - Abatement Devices**

A#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
1	Vapor Burner/VRU, 36 MMBTU/hr maximum	S3, S5, S6, S7, S8, S9, S10, S11, S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, S26, S40	BAAQMD Condition ID #13143, part 1, and Condition ID #15574, part 2	Temperature >1200 degree Fahrenheit, and residence time of 0.5 second	99.8% by weight or more

## II. Equipment

**Table II B - Abatement Devices**

A#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
2	Thermal/Catalytic Oxidation Unit, Therm Vent Model TV3C, 300 scf, 311,000 BTU/hr	S41	BAAQMD Regulation 8-47-301	Temperature >1400 degree Fahrenheit	99% by weight or more
3	MTBE/VOC Oxidizer, NEEP, Model ADDOX AD6 (electric mode)	S42	BAAQMD Regulation 8-47-301, 8-47-302, and Condition ID# 17450, part 1	Temperature >500 degree Fahrenheit	98% by weight or more
4	Activated Carbon Vessel, Westates, Model VSC-1200, 1000 lb Carbon	S43	BAAQMD Regulation 8-5-301, 8-5-306, and Condition ID# 20874, part 2	Exhaust NMHC concentration < 100 ppmv as C1	95% by weight or more
5	Activated Carbon Vessel, NWC, LF 18, 1800 lb Carbon	S44	BAAQMD Regulation 8-5-301, 8-5-306, and Condition ID# 20874, part 2	Exhaust NMHC concentration < 100 ppmv as C1	95% by weight or more
6	Thermal/Catalytic Oxidizer, Envent Model EMTOS6-2.2, 600 cfm, natural gas fired, 2.2 MMBTU/hr	S42	BAAQMD Regulation 8-47-301, 8-47-302, and Condition ID# 17450, part 1	Temperature >500 degree Fahrenheit	98% by weight or more
7	<u>Vapor phase granular activated carbon, US Filter, VSC 200, 200 lb carbon, 100 cfm</u>	<u>S47, S48</u>	<u>Condition ID# 21509, part 3</u>		<u>Carbon breakthrough</u>
8	<u>Vapor phase granular activated carbon, US Filter, VSC 200, 200 lb carbon, 100 cfm</u>	<u>S47, S48</u>	<u>Condition ID# 21509, part 3</u>		<u>Carbon breakthrough</u>

### 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

~~Where an applicable requirement is a SIP requirement, the full language of the SIP requirement is on EPA Region 9's website included in Appendix A of this permit. The address is~~

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

**NOTE:**

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

**Table III  
 Generally Applicable Requirements**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>
BAAQMD Regulation 1	General Provisions and Definitions ( <del>7/19/06</del> <del>5/2/04</del> )	N
SIP Regulation 1	General Provisions and Definitions (8/27/28/99)	Y
BAAQMD Regulation 2, Rule 1	General Requirements ( <del>8/4/04</del> 11/19/08)	N
BAAQMD 2-1-429	Federal Emissions Statement (6/7/95)	Y
SIP Regulation 2, Rule 1	General Requirements (8/27/26/99)	Y
<u>BAAQMD Regulation 2, Rule 5</u>	<u>New Source Review of Toxic Air Contaminants (6/15/05)</u>	<u>N</u>

### III. Generally Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>
BAAQMD Regulation 4	Air Pollution Episode Plan (3/20/91)	N
SIP Regulation 4	Air Pollution Episode Plan (8/06/90)	Y
BAAQMD Regulation 5	Open Burning ( <del>4/2/94</del> 3/6/02)	N
<u>SIP Regulation 5</u>	<u>Open Burning (9/4/98)</u>	
<u>BAAQMD Regulation 6, Rule 1</u>	<u>Particulate Matter, General Requirements (12/5/07)</u>	<u>N</u>
<del>SIP BAAQMD</del> Regulation 6	Particulate Matter and Visible Emissions ( <del>12/19/99</del> 4/98)	<del>NY</del>
BAAQMD Regulation 7	Odorous Substances (3/17/82)	N
BAAQMD Regulation 8, Rule 1	Organic Compounds - General Provisions (6/15/94)	Y
<u>BAAQMD Regulation 8, Rule 2</u>	<u>Organic Compounds – Miscellaneous Operations (7/20/05)</u>	<u>N</u>
<u>SIP Regulation 8, Rule 2</u>	<u>Organic Compounds – Miscellaneous Operations (3/22/95)</u>	<u>Y</u>
BAAQMD Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (12/20/95)	Y
<u>BAAQMD Regulation 8, Rule 4</u>	<u>Organic compounds - General Solvent and Surface Coating Operations (10/16/02)</u>	<u>Y</u>
<u>BAAQMD Regulation 8, Rule 15</u>	<u>Organic Compounds – Emulsified and Liquid Asphalts (6/1/94)</u>	<u>Y</u>
<u>BAAQMD Regulation 8, Rule 18</u>	<u>Organic Compounds - Equipment Leaks (9/15/04)</u>	<u>N</u>
<u>SIP Regulation 8, Rule 18</u>	<u>Organic Compounds - Equipment Leaks (6/15/03)</u>	<u>Y</u>
<del>BAAQMD</del> <u>SIP Regulation 8, Rule 25</u>	Organic Compounds - Pump and Compressor Seals at Petroleum Refineries, Chemical plants, Bulk plants, and Bulk terminals ( <del>6/1/94</del> 3/7/95)	Y
<u>BAAQMD Regulation 8 Rule 40</u>	<u>Aeration of Contaminated Soil and Removal of Underground Storage Tanks (6/15/05)</u>	<u>N</u>
<u>SIP Regulation 8 Rule 40</u>	<u>Aeration of Contaminated Soil and Removal of Underground Storage Tanks (4/19/01)</u>	<u>Y</u>
<u>BAAQMD Regulation 8, Rule 47</u>	<u>Organic Compounds - Air Stripping and Soil Vapor Extraction Operations (6/15/05)</u>	<u>N</u>
<u>SIP Regulation 8, Rule 47</u>	<u>Organic Compounds - Air Stripping and Soil Vapor Extraction Operations (4/26/95)</u>	<u>Y</u>
BAAQMD Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (12/20/95)	N
SIP Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (3/22/95)	Y
BAAQMD Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products ( <del>7/17/02</del> 12/20/95)	N

### III. Generally Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>
<u>SIP Regulation 8, Rule 51</u>	<u>Organic Compounds - Adhesive and Sealant Products (2/26/02)</u>	<u>Y</u>
BAAQMD Regulation 9, Rule 1	<u>Inorganic Gaseous Pollutants - Sulfur Dioxide (3/15/95)</u>	<del>Y</del> <u>N</u>
<u>SIP Regulation 9, Rule 1</u>	<u>Inorganic Gaseous Pollutants - Sulfur Dioxide (6/8/99)</u>	<u>Y</u>
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing ( <del>12/4/94</del> 10/7/98)	Y
BAAQMD Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (7/11/90)	<del>Y</del> <u>N</u>
<u>SIP Regulation 12, Rule 4</u>	<u>Miscellaneous Standards of Performance - Sandblasting (9/2/81)</u>	<u>Y</u>
<u>California Health and Safety Code Section 41750 et seq.</u>	<u>Portable Equipment</u>	<u>N</u>
<u>California Health and Safety Code Section 44300 et seq.</u>	<u>Air Toxics "Hot Spots" Information and Assessment Act of 1987</u>	<u>N</u>
<u>California Health and Safety Code Title 17, Section 93115</u>	<u>Airborne Toxic Control Measure for Stationary Compression Ignition Engines</u>	<u>N</u>
<u>40 CFR Part 61, Subpart M</u>	<u>National Emission Standards for Hazardous Air Pollutants – National Emission Standard for Asbestos (6/19/95)</u>	<u>Y</u>
EPA Regulation 40 CFR 82	Protection of Stratospheric Ozone (2/21/95)	
Subpart F, 40 CFR 82.156	Leak Repair	Y
Subpart F, 40 CFR 82.161	Certification of Technicians	Y
Subpart F, 40 CFR 82.166	Records of Refrigerant	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 parenthesis in the Title column identify the versions of the regulations being cited and are, as applicable:

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

The full text of each permit condition cited is included in Section VI, Permit Conditions, of this permit. ~~Additionally, where an applicable requirement is a SIP requirement, the full language of the SIP requirement is on EPA Region 9's website. The address is included in Appendix A of this permit. All other text may be found in the regulations themselves.~~  
<http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions>. All other text may be found in the regulations themselves.

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b><u>BAAQMD Regulation 8, Rule 5</u></b>	<b><u>Organic Compounds - Storage of Organic Liquids (10/18/2006)</u></b>		
8-5-111	<u>Limited Exemption, Tank Removal From and Return to Service</u>	N	
8-5-112	<u>Limited Exemption, Tanks in Operation</u>	N	
8-5-301	<u>Storage Tanks Control Requirements (&gt;150 m3; &gt;39,626 gallon capacity)</u>	N	
8-5-303	<u>Requirements for pressure vacuum valves</u>	N	
8-5-304	<u>Requirements for external floating roofs</u>	N	
8-5-304.1	<u>Floating roof fittings requirements</u>	N	
8-5-304.2	<u>Primary seal requirements</u>	N	
8-5-304.3	<u>Secondary seal requirements</u>	N	

## IV. Source-specific Applicable Requirements

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

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

## IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-5-331.2	<u>Steam usage prohibition</u>	N	
8-5-331.3	<u>Steam usage limitations</u>	N	
8-5-332	<u>Sludge handling requirements</u>	N	
8-5-332.1	<u>Sludge container – no leakage</u>	N	
8-5-332.2	<u>Sludge container gap specifications</u>	N	
8-5-401	<u>Inspection requirements for External Floating Roof Tanks</u>	N	
8-5-401.1	<u>Primary and Secondary Seals Inspection twice per calendar year</u>	N	
8-5-401.2	<u>Tank fitting inspection twice per calendar year</u>	N	
8-5-403	<u>Inspection Requirements for Pressure Vacuum Valves</u>	N	
8-5-403.1	<u>Pressure vacuum valves – gas tight in section 8-5-303.</u>	N	
8-5-404	<u>Certification</u>	N	
8-5-412	<u>Monitoring of leaking pontoons</u>	N	
8-5-501	<u>Records</u>	N	
8-5-501.1	<u>Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges</u>	N	
8-5-501.2	<u>Records of seal replacement for at least 10 years</u>	N	
8-5-501.3	<u>Retain all records, reports, etc.</u>	N	
8-5-501.4	<u>Retain pressure vacuum valves setpoint engineering data sheets</u>	N	
8-5-502	<u>Tank Degassing Annual Source Test Requirement</u>	N	
<b>SIP</b> <b>BAAQMD</b> <b>Regulation 8,</b> <b>Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids</b> <b>(<del>11/27/2002</del>5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m <sup>3</sup> ; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-304	Requirements for external floating roofs	Y	
8-5-304.1	Floating roof fittings requirements	Y	
8-5-304.2	Primary seal requirements	Y	
8-5-304.3	Secondary seal requirements	Y	
8-5-304.4	Floating roof rest on liquid surface, properly installed, maintained,	Y	



## IV. Source-specific Applicable Requirements

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

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

## IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-501.2	Records of seal replacement for at least 10 years	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<b>40 CFR 63 Subpart BBBBBB</b>	<u>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities</u>		
<u>63.11080</u>	<u>Purpose of this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11081(a)</u>	<u>Applicability requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11082</u>	<u>Parts of facility covered by this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11083(b)</u>	<u>Compliance date</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(a)</u>	<u>Table 1: Applicable emission limit and management practice</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(b)</u>	<u>Date of compliance</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(c)</u>	<u>Testing and Monitoring requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(d)</u>	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(e)</u>	<u>Recordkeeping and Report submission requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11092(e)</u> (2)	<u>Inspection requirements for external floating roof system</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11093</u>	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11094(a)</u>	<u>Recordkeeping requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11095(a)</u> (1)	<u>Semiannual compliance and information report as applicable</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11098</u>	<u>Table 3: General Provisions of Part 63 to Subpart BBBBBB</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11100</u>	<u>Definitions</u>	<u>Y</u>	<u>1/10/2011</u>
<b>BAAQMD Condition #5531</b>			
part 1	Material throughput limit, yearly (basis: cumulative increase)	Y	
part 2	Record keeping requirement (basis: Regulation 2-6-501, Regulation 8-5-501)	Y	
part 3	Notification requirement (basis: Regulation 8-5-401)	Y	
part 4	Primary seal requirement (basis: Regulation 8-5-321.2)	Y	

#### IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b><u>BAAQMD Regulation 1</u></b>	<b><u>General Provisions and Definitions (7/19/06)</u></b>		
<u>1-523</u>	<u>Parametric Monitoring and Recordkeeping Procedures</u>	<u>N</u>	
<u>1-523.1</u>	<u>Parametric monitor periods of inoperation</u>	<u>Y</u>	
<u>1-523.2</u>	<u>Limits on periods of inoperation</u>	<u>Y</u>	
<u>1-523.3</u>	<u>Reports of Violations</u>	<u>N</u>	
<u>1-523.4</u>	<u>Records</u>	<u>Y</u>	
<u>1-523.5</u>	<u>Maintenance and calibration</u>	<u>N</u>	
<b><u>SIP Regulation 1</u></b>	<b><u>General Provisions and Definitions (6/28/99)</u></b>		
<u>1-523</u>	<u>Parametric Monitoring and Recordkeeping Procedures</u>	<u>Y</u>	
<u>1-523.3</u>	<u>Reports of Violations</u>	<u>Y</u>	
<b><u>BAAQMD Regulation 8, Rule 5</u></b>	<b><u>Organic Compounds - Storage of Organic Liquids (10/18/2006)</u></b>		
<u>8-5-111</u>	<u>Limited Exemption, Tank Removal From and Return to Service</u>	<u>N</u>	
<u>8-5-112</u>	<u>Limited Exemption, Tanks in Operation</u>	<u>N</u>	
<u>8-5-301</u>	<u>Storage Tanks Control Requirements (&gt;150 m3; &gt;39,626 gallon capacity)</u>	<u>N</u>	
<u>8-5-303</u>	<u>Requirements for pressure vacuum valves</u>	<u>N</u>	
<u>8-5-304</u>	<u>Requirements for external floating roofs</u>	<u>N</u>	
<u>8-5-304.1</u>	<u>Floating roof fittings requirements</u>	<u>N</u>	
<u>8-5-304.2</u>	<u>Primary seal requirements</u>	<u>N</u>	
<u>8-5-304.3</u>	<u>Secondary seal requirements</u>	<u>N</u>	
<u>8-5-304.4</u>	<u>Floating roof rest on liquid surface, properly installed, maintained, and in good operating condition. No liquid tank contents on the seals and on the roof</u>	<u>N</u>	
<u>8-5-304.5</u>	<u>Tank shell in good operating condition</u>	<u>N</u>	
<u>8-5-304.6</u>	<u>Limitation on tank operation</u>	<u>N</u>	
<u>8-5-304.6.1</u>	<u>Lids or other openings on the pontoon sealed within 48 hrs of discovery of liquid</u>	<u>N</u>	
<u>8-5-304.6.2</u>	<u>All pontoon leaks be repaired when tank is out of service</u>	<u>N</u>	
<u>8-5-320</u>	<u>Tank Fitting requirements</u>	<u>N</u>	

## IV. Source-specific Applicable Requirements

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

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

## IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-5-401.2	Tank fitting inspection twice per calendar year	N	
8-5-403	Inspection Requirements for Pressure Vacuum Valves	N	
8-5-403.1	Pressure vacuum valves – gas tight in section 8-5-303.	N	
8-5-404	Certification	N	
8-5-412	Monitoring of leaking pontoons	N	
8-5-501	Records	N	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	N	
8-5-501.2	Records of seal replacement for at least 10 years	N	
8-5-501.3	Retain all records, reports, etc.	N	
8-5-501.4	Retain pressure vacuum valves setpoint engineering data sheets	N	
8-5-502	Tank Degassing Annual Source Test Requirement	N	
<b>SIP BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (11/27/2002/5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-304	Requirements for external floating roofs	Y	
8-5-304.1	Floating roof fittings requirements	Y	
8-5-304.2	Primary seal requirements	Y	
8-5-304.3	Secondary seal requirements	Y	
8-5-304.4	Floating roof rest on liquid surface, properly installed, maintained, and in good operating condition. No liquid tank contents on the seals and on the roof	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Roof opening requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	

## IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-321.3	Metallic-shoe-seal requirements	Y	
8-5-321.3.1	Geometry of the shoe	Y	
8-5-321.3.2	Welded tank gap allowed	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	
8-5-401	Inspection requirements for External floating roof tanks	Y	
8-5-401.1	Primary and Secondary Seals Inspection twice per calendar year	Y	
8-5-401.2	Tank fitting inspection twice per calendar year	Y	
8-5-404	Certification	Y	
8-5-405	Information Required	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-501.2	Records of seal replacement for at least 10 years	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<u>40 CFR 63 Subpart BBBBBB</u>	<u>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities</u>		

## IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.11080	<u>Purpose of this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
63.11081(a)	<u>Applicability requirements</u>	<u>Y</u>	<u>1/10/2011</u>
63.11082	<u>Parts of facility covered by this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
63.11083(b)	<u>Compliance date</u>	<u>Y</u>	<u>1/10/2011</u>
63.11087(a)	<u>Table 1: Applicable emission limit and management practice</u>	<u>Y</u>	<u>1/10/2011</u>
63.11087(b)	<u>Date of compliance</u>	<u>Y</u>	<u>1/10/2011</u>
63.11087(c)	<u>Testing and Monitoring requirements</u>	<u>Y</u>	<u>1/10/2011</u>
63.11087(d)	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
63.11087(e)	<u>Recordkeeping and Report submission requirements</u>	<u>Y</u>	<u>1/10/2011</u>
63.11092(e) (2)	<u>Inspection requirements for external floating roof system</u>	<u>Y</u>	<u>1/10/2011</u>
63.11093	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
63.11094(a)	<u>Recordkeeping requirements</u>	<u>Y</u>	<u>1/10/2011</u>
63.11095(a) (1)	<u>Semiannual compliance and information report as applicable</u>	<u>Y</u>	<u>1/10/2011</u>
63.11098	<u>Table 3: General Provisions of Part 63 to Subpart BBBBBB</u>	<u>Y</u>	<u>1/10/2011</u>
63.11100	<u>Definitions</u>	<u>Y</u>	<u>1/10/2011</u>
<b>BAAQMD Condition #13143</b>			
part 1	Abatement device operating requirement (basis: cumulative increase)	Y	
part 2	Abatement device destruction efficiency requirement (basis: cumulative increase)	Y	
part 3	Abatement device operating temperature requirement (basis: cumulative increase)	Y	
part 4	Abatement device temperature monitoring and recording requirement (basis: cumulative increase)	Y	
part 5	Abatement device temperature monitoring and recording device installation requirement (basis: cumulative increase)	Y	
part 6	Temperature strip chart recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 7	Abatement device source test requirement (basis: Regulation 2-6-	Y	

#### IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
	501; cumulative increase)		
part 8	Abatement device operational recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 9	Material throughput limit (yearly) for S5, S6, S7 (basis: cumulative increase)	Y	
part 11	Record keeping, material type and throughput (basis: Regulation 2-6-501; cumulative increase)	Y	

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

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



## IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<u>8-5-304.6.1</u>	<u>Lids or other openings on the pontoon sealed within 48 hrs of discovery of liquid</u>	<u>N</u>	
<u>8-5-304.6.2</u>	<u>All pontoon leaks be repaired when tank is out of service</u>	<u>N</u>	
<u>8-5-320</u>	<u>Tank Fitting requirements</u>	<u>N</u>	
<u>8-5-320.2</u>	<u>Roof opening requirements</u>	<u>N</u>	
<u>8-5-320.3</u>	<u>Roof opening requirements</u>	<u>N</u>	
<u>8-5-320.4</u>	<u>Solid sampling or gauging wells requirements</u>	<u>N</u>	
<u>8-5-320.5</u>	<u>Slotted sampling or gauging wells requirements</u>	<u>N</u>	
<u>8-5-320.5.1</u>	<u>Well projection</u>	<u>N</u>	
<u>8-5-320.5.2</u>	<u>Well equipment requirements</u>	<u>N</u>	
<u>8-5-320.5.3</u>	<u>Gap measurements</u>	<u>N</u>	
<u>8-5-320.6</u>	<u>Emergency roof drain cover</u>	<u>N</u>	
<u>8-5-321</u>	<u>Primary Seal Requirements</u>	<u>N</u>	
<u>8-5-321.1</u>	<u>No openings such as holes etc.</u>	<u>N</u>	
<u>8-5-321.2</u>	<u>Seal liquid mounted</u>	<u>N</u>	
<u>8-5-321.3</u>	<u>Metallic-shoe-seal requirements</u>	<u>N</u>	
<u>8-5-321.3.1</u>	<u>Geometry of the shoe</u>	<u>N</u>	
<u>8-5-321.3.2</u>	<u>Welded tank gap allowed</u>	<u>N</u>	
<u>8-5-322</u>	<u>Secondary Seal requirements</u>	<u>N</u>	
<u>8-5-322.1</u>	<u>No openings such as holes etc.</u>	<u>N</u>	
<u>8-5-322.2</u>	<u>Insertion access to measure gaps in primary seal</u>	<u>N</u>	
<u>8-5-322.3</u>	<u>Welded tank secondary seal gap requirements</u>	<u>N</u>	
<u>8-5-322.5</u>	<u>Welded tank gap allowed</u>	<u>N</u>	
<u>8-5-322.6</u>	<u>Secondary seal extension and not attached to primary seal</u>	<u>N</u>	
<u>8-5-328</u>	<u>Tank Degassing Requirements</u>	<u>N</u>	
<u>8-5-328.1</u>	<u>Degassing control requirements</u>	<u>N</u>	
<u>8-5-328.2</u>	<u>Ozone Excess Day Prohibition</u>	<u>N</u>	
<u>8-5-328.3</u>	<u>Tank degassing notification requirements</u>	<u>N</u>	
<u>8-5-331</u>	<u>Tank cleaning requirements</u>	<u>N</u>	
<u>8-5-331.1</u>	<u>Cleaning agents specifications</u>	<u>N</u>	
<u>8-5-331.2</u>	<u>Steam usage prohibition</u>	<u>N</u>	
<u>8-5-331.3</u>	<u>Steam usage limitations</u>	<u>N</u>	
<u>8-5-332</u>	<u>Sludge handling requirements</u>	<u>N</u>	

## IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-5-332.1	<u>Sludge container – no leakage</u>	N	
8-5-332.2	<u>Sludge container gap specifications</u>	N	
8-5-401	<u>Inspection requirements for External floating roof tanks</u>	N	
8-5-401.1	<u>Primary and Secondary Seals Inspection twice per calendar year</u>	N	
8-5-401.2	<u>Tank fitting inspection twice per calendar year</u>	N	
8-5-403	<u>Inspection Requirements for Pressure Vacuum Valves</u>	N	
8-5-403.1	<u>Pressure vacuum valves – gas tight in section 8-5-303.</u>	N	
8-5-404	<u>Certification</u>	N	
8-5-501	<u>Records</u>	N	
8-5-501.1	<u>Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges</u>	N	
8-5-501.2	<u>Records of seal replacement for at least 10 years</u>	N	
8-5-501.3	<u>Retain all records, reports, etc.</u>	N	
8-5-501.4	<u>Retain pressure vacuum valves setpoint engineering data sheets</u>	N	
8-5-502	<u>Tank Degassing Annual Source Test Requirement</u>	N	
<b>SIP</b> <b>BAAQMD</b> <b>Regulation 8,</b> <b>Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids</b> <b>(<del>11/27/2002</del>5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m <sup>3</sup> ; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-304	Requirements for external floating roofs	Y	
8-5-304.1	Floating roof fittings requirements	Y	
8-5-304.2	Primary seal requirements	Y	
8-5-304.3	Secondary seal requirements	Y	
8-5-304.4	Floating roof rest on liquid surface, properly installed, maintained, and in good operating condition. No liquid tank contents on the seals and on the roof	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	

## IV. Source-specific Applicable Requirements

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

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

#### IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<u>40 CFR 63 Subpart BBBBBB</u>	<u>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities</u>		
<u>63.11080</u>	<u>Purpose of this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11081(a)</u>	<u>Applicability requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11082</u>	<u>Parts of facility covered by this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11083(b)</u>	<u>Compliance date</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(a)</u>	<u>Table 1: Applicable emission limit and management practice</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(b)</u>	<u>Date of compliance</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(c)</u>	<u>Testing and Monitoring requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(d)</u>	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(e)</u>	<u>Recordkeeping and Report submission requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11092(e) (2)</u>	<u>Inspection requirements for external floating roof system</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11093</u>	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11094(a)</u>	<u>Recordkeeping requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11095(a) (1)</u>	<u>Semiannual compliance and information report as applicable</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11098</u>	<u>Table 3: General Provisions of Part 63 to Subpart BBBBBB</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11100</u>	<u>Definitions</u>	<u>Y</u>	<u>1/10/2011</u>

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<u>BAAQMD Regulation 1</u>	<u>General Provisions and Definitions (7/19/06)</u>		
<u>1-523</u>	<u>Parametric Monitoring and Recordkeeping Procedures</u>	<u>N</u>	
<u>1-523.1</u>	<u>Parametric monitor periods of inoperation</u>	<u>Y</u>	

## IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<u>1-523.2</u>	<u>Limits on periods of inoperation</u>	<u>Y</u>	
<u>1-523.3</u>	<u>Reports of Violations</u>	<u>N</u>	
<u>1-523.4</u>	<u>Records</u>	<u>Y</u>	
<u>1-523.5</u>	<u>Maintenance and calibration</u>	<u>N</u>	
<b><u>SIP Regulation 1</u></b>	<b><u>General Provisions and Definitions (6/28/99)</u></b>		
<u>1-523</u>	<u>Parametric Monitoring and Recordkeeping Procedures</u>	<u>Y</u>	
<u>1-523.3</u>	<u>Reports of Violations</u>	<u>Y</u>	
<b><u>BAAQMD Regulation 8, Rule 5</u></b>	<b><u>Organic Compounds - Storage of Organic Liquids (10/18/2006)</u></b>		
<u>8-5-111</u>	<u>Limited Exemption, Tank Removal From and Return to Service</u>	<u>N</u>	
<u>8-5-112</u>	<u>Limited Exemption, Tanks in Operation</u>	<u>N</u>	
<u>8-5-301</u>	<u>Storage Tanks Control Requirements (&gt;150 m3; &gt;39,626 gallon capacity)</u>	<u>N</u>	
<u>8-5-303</u>	<u>Requirements for pressure vacuum Valves</u>	<u>N</u>	
<u>8-5-305</u>	<u>Requirements for Internal Floating Roofs</u>	<u>N</u>	
<u>8-5-305.2</u>	<u>Seals Requirements</u>	<u>N</u>	
<u>8-5-305.4</u>	<u>Floating roof fittings requirements</u>	<u>N</u>	
<u>8-5-305.5</u>	<u>Good operating condition</u>	<u>N</u>	
<u>8-5-305.6</u>	<u>Tank shell in good operating condition</u>	<u>N</u>	
<u>8-5-320</u>	<u>Tank Fitting requirements</u>	<u>N</u>	
<u>8-5-320.2</u>	<u>Roof opening requirements</u>	<u>N</u>	
<u>8-5-320.3</u>	<u>Roof opening requirements</u>	<u>N</u>	
<u>8-5-320.4</u>	<u>Solid sampling or gauging wells requirements</u>	<u>N</u>	
<u>8-5-320.5</u>	<u>Slotted sampling or gauging wells requirements</u>	<u>N</u>	
<u>8-5-320.5.1</u>	<u>Well projection</u>	<u>N</u>	
<u>8-5-320.5.2</u>	<u>Well equipment requirements</u>	<u>N</u>	
<u>8-5-320.5.3</u>	<u>Gap measurements</u>	<u>N</u>	
<u>8-5-320.6</u>	<u>Emergency roof drain cover</u>	<u>N</u>	
<u>8-5-321</u>	<u>Primary Seal Requirements</u>	<u>N</u>	
<u>8-5-321.1</u>	<u>No openings such as holes etc.</u>	<u>N</u>	
<u>8-5-321.2</u>	<u>Seal liquid mounted</u>	<u>N</u>	

#### IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<u>8-5-322</u>	<u>Secondary Seal requirements</u>	<u>N</u>	
<u>8-5-322.1</u>	<u>No openings such as holes etc.</u>	<u>N</u>	
<u>8-5-322.2</u>	<u>Insertion access to measure gaps in primary seal</u>	<u>N</u>	
<u>8-5-322.3</u>	<u>Welded tank secondary seal gap requirements</u>	<u>N</u>	
<u>8-5-322.5</u>	<u>Welded tank gap allowed</u>	<u>N</u>	
<u>8-5-322.6</u>	<u>Secondary seal extension and not attached to primary seal</u>	<u>N</u>	
<u>8-5-328</u>	<u>Tank Degassing Requirements</u>	<u>N</u>	
<u>8-5-328.1</u>	<u>Degassing control requirements</u>	<u>N</u>	
<u>8-5-328.2</u>	<u>Ozone excess day prohibition</u>	<u>N</u>	
<u>8-5-328.3</u>	<u>Tank degassing notification requirements</u>	<u>N</u>	
<u>8-5-331</u>	<u>Tank cleaning requirements</u>	<u>N</u>	
<u>8-5-331.1</u>	<u>Cleaning agents specifications</u>	<u>N</u>	
<u>8-5-331.2</u>	<u>Steam usage prohibition</u>	<u>N</u>	
<u>8-5-331.3</u>	<u>Steam usage limitations</u>	<u>N</u>	
<u>8-5-332</u>	<u>Sludge handling requirements</u>	<u>N</u>	
<u>8-5-332.1</u>	<u>Sludge container – no leakage</u>	<u>N</u>	
<u>8-5-332.2</u>	<u>Sludge container gap specifications</u>	<u>N</u>	
<u>8-5-402</u>	<u>Inspection Requirements for Internal Floating Roof Tanks</u>	<u>N</u>	
<u>8-5-402.1</u>	<u>Primary and secondary seals inspection once every 10 years</u>	<u>N</u>	
<u>8-5-402.2</u>	<u>Secondary Seal visual inspection twice per calendar year</u>	<u>N</u>	
<u>8-5-402.3</u>	<u>Tank fittings Inspection twice per calendar year</u>	<u>N</u>	
<u>8-5-403</u>	<u>Inspection Requirements for Pressure Vacuum Valves</u>	<u>N</u>	
<u>8-5-403.1</u>	<u>Pressure vacuum valves – gas tight in section 8-5-303.</u>	<u>N</u>	
<u>8-5-404</u>	<u>Certification</u>	<u>N</u>	
<u>8-5-501</u>	<u>Records</u>	<u>N</u>	
<u>8-5-501.1</u>	<u>Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges</u>	<u>N</u>	
<u>8-5-501.2</u>	<u>Records of seal replacement for at least 10 years</u>	<u>N</u>	
<u>8-5-501.3</u>	<u>Retain all records, reports, etc.</u>	<u>N</u>	
<u>8-5-501.4</u>	<u>Retain pressure vacuum valves setpoint engineering data sheets</u>	<u>N</u>	
<u>8-5-502</u>	<u>Tank Degassing Annual Source Test Requirement</u>	<u>N</u>	
<b>SIP</b> <b>BAAQMD</b>	<b>Organic Compounds - Storage of Organic Liquids</b> <b>(11/27/2002/5/2003)</b>		

## IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>Regulation 8, Rule 5</b>			
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-305	Requirements for Internal Floating Roofs	Y	
8-5-305.2	Seals Requirements	Y	
8-5-305.4	Floating roof fittings requirements	Y	
8-5-305.5	Floating roof rest on liquid surface, properly installed, maintained, and in good operating condition. No liquid tank contents on the seals and on the roof	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Roof opening requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	
8-5-328.1	Degassing control requirements	Y	

## IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-328.2	Ozone Excess Day Prohibition	Y	
8-5-402	Inspection requirements for internal floating roof tanks	Y	
8-5-402.1	Primary and Secondary Seal Inspection once every 10 years	Y	
8-5-402.2	Secondary Seal visual inspection twice per calendar year	Y	
8-5-402.3	Tank fittings Inspection twice per calendar year	Y	
8-5-403	Inspection requirements for pressure vacuum valves	Y	
8-5-404	Certification	Y	
8-5-405	Information Required	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-501.2	Records of seal replacement for at least 10 years	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<u>40 CFR 63 Subpart BBBBBB</u>	<u>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities</u>		
<u>63.11080</u>	<u>Purpose of this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11081(a)</u>	<u>Applicability requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11082</u>	<u>Parts of facility covered by this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11083(b)</u>	<u>Compliance date</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(a)</u>	<u>Table 1: Applicable emission limit and management practice</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(b)</u>	<u>Date of compliance</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(c)</u>	<u>Testing and Monitoring requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(d)</u>	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(e)</u>	<u>Recordkeeping and Report submission requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11092(e)</u> <u>(1)</u>	<u>Inspection requirements for internal floating roof system</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11093</u>	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11094(a)</u>	<u>Recordkeeping requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11095(a)</u> <u>(1)</u>	<u>Semiannual compliance and information report as applicable</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11098</u>	<u>Table 3: General Provisions of Part 63 to Subpart BBBBBB</u>	<u>Y</u>	<u>1/10/2011</u>



#### IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.11100	<u>Definitions</u>	<u>Y</u>	<u>1/10/2011</u>
<b>BAAQMD Condition #13143</b>			
part 1	Abatement device operating requirement (basis: cumulative increase)	Y	
part 2	Abatement device destruction efficiency requirement (basis: cumulative increase)	Y	
part 3	Abatement device operating temperature requirement (basis: cumulative increase)	Y	
part 4	Abatement device temperature monitoring and recording requirement (basis: cumulative increase)	Y	
part 5	Abatement device temperature monitoring and recording device installation requirement (basis: cumulative increase)	Y	
part 6	Temperature strip chart recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 7	Abatement device source test requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 8	Abatement device operational recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 9	Material throughput limit (yearly) for S5, S6, S7 (basis: cumulative increase)	Y	
part 11	Record keeping, material type and throughput (basis: Regulation 2-6-501; cumulative increase)	Y	

## IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b><u>BAAQMD Regulation 1</u></b>	<b><u>General Provisions and Definitions (7/19/06)</u></b>		
<u>1-523</u>	<u>Parametric Monitoring and Recordkeeping Procedures</u>	<u>N</u>	
<u>1-523.1</u>	<u>Parametric monitor periods of inoperation</u>	<u>Y</u>	
<u>1-523.2</u>	<u>Limits on periods of inoperation</u>	<u>Y</u>	
<u>1-523.3</u>	<u>Reports of Violations</u>	<u>N</u>	
<u>1-523.4</u>	<u>Records</u>	<u>Y</u>	
<u>1-523.5</u>	<u>Maintenance and calibration</u>	<u>N</u>	
<b><u>SIP Regulation 1</u></b>	<b><u>General Provisions and Definitions (6/28/99)</u></b>		
<u>1-523</u>	<u>Parametric Monitoring and Recordkeeping Procedures</u>	<u>Y</u>	
<u>1-523.3</u>	<u>Reports of Violations</u>	<u>Y</u>	
<b><u>BAAQMD Regulation 8, Rule 5</u></b>	<b><u>Organic Compounds - Storage of Organic Liquids (10/18/2006)</u></b>		
<u>8-5-111</u>	<u>Limited Exemption, Tank Removal From and Return to Service</u>	<u>N</u>	
<u>8-5-112</u>	<u>Limited Exemption, Tanks in Operation</u>	<u>N</u>	
<u>8-5-301</u>	<u>Storage Tanks Control Requirements (&gt;150 m3; &gt;39,626 gallon capacity)</u>	<u>N</u>	
<u>8-5-303</u>	<u>Requirements for pressure vacuum Valves</u>	<u>N</u>	
<u>8-5-305</u>	<u>Requirements for Internal Floating Roofs</u>	<u>N</u>	
<u>8-5-305.2</u>	<u>Seals Requirements</u>	<u>N</u>	
<u>8-5-305.4</u>	<u>Floating roof fittings requirements</u>	<u>N</u>	
<u>8-5-305.5</u>	<u>Good operating condition</u>	<u>N</u>	
<u>8-5-305.6</u>	<u>Tank shell in good operating condition</u>	<u>N</u>	
<u>8-5-320</u>	<u>Tank Fitting requirements</u>	<u>N</u>	
<u>8-5-320.2</u>	<u>Roof opening requirements</u>	<u>N</u>	
<u>8-5-320.3</u>	<u>Roof opening requirements</u>	<u>N</u>	
<u>8-5-320.4</u>	<u>Solid sampling or gauging wells requirements</u>	<u>N</u>	
<u>8-5-320.5</u>	<u>Slotted sampling or gauging wells requirements</u>	<u>N</u>	
<u>8-5-320.5.1</u>	<u>Well projection</u>	<u>N</u>	
<u>8-5-320.5.2</u>	<u>Well equipment requirements</u>	<u>N</u>	
<u>8-5-320.5.3</u>	<u>Gap measurements</u>	<u>N</u>	

## IV. Source-specific Applicable Requirements

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

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

## IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
	<u>pressure ranges</u>		
8-5-501.2	<u>Records of seal replacement for at least 10 years</u>	<u>N</u>	
8-5-501.3	<u>Retain all records, reports, etc.</u>	<u>N</u>	
8-5-501.4	<u>Retain pressure vacuum valves setpoint engineering data sheets</u>	<u>N</u>	
8-5-502	<u>Tank Degassing Annual Source Test Requirement</u>	<u>N</u>	
<b>SIP BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (<del>11/27/2002</del>5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m <sup>3</sup> ; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Roof opening requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	

## IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	
8-5-402	Inspection requirements for internal floating roof tanks	Y	
8-5-402.1	Primary and secondary seal inspection once every 10 years	Y	
8-5-402.2	Secondary Seal visual inspection twice per calendar year	Y	
8-5-402.3	Tank fittings Inspection twice per calendar year	Y	
8-5-403	Inspection requirements for pressure vacuum valves	Y	
8-5-404	Certification	Y	
8-5-405	Information Required	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-501.2	Records of seal replacement for at least 10 years	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<u>40 CFR 63 Subpart BBBBBB</u>	<u>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities</u>		
<u>63.11080</u>	<u>Purpose of this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11081(a)</u>	<u>Applicability requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11082</u>	<u>Parts of facility covered by this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11083(b)</u>	<u>Compliance date</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(a)</u>	<u>Table 1: Applicable emission limit and management practice</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(b)</u>	<u>Date of compliance</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(c)</u>	<u>Testing and Monitoring requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(d)</u>	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(e)</u>	<u>Recordkeeping and Report submission requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11092(e)</u> (1)	<u>Inspection requirements for internal floating roof system</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11093</u>	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11094(a)</u>	<u>Recordkeeping requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11095(a)</u> (1)	<u>Semiannual compliance and information report as applicable</u>	<u>Y</u>	<u>1/10/2011</u>

#### IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<u>63.11098</u>	<u>Table 3: General Provisions of Part 63 to Subpart BBBBBB</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11100</u>	<u>Definitions</u>	<u>Y</u>	<u>1/10/2011</u>
<b>BAAQMD Condition #13143</b>			
part 1	Abatement device operating requirement (basis: cumulative increase)	Y	
part 2	Abatement device destruction efficiency requirement (basis: cumulative increase)	Y	
part 3	Abatement device operating temperature requirement (basis: cumulative increase)	Y	
part 4	Abatement device temperature monitoring and recording requirement (basis: cumulative increase)	Y	
part 5	Abatement device temperature monitoring and recording device installation requirement (basis: cumulative increase)	Y	
part 6	Temperature strip chart recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 7	Abatement device source test requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 8	Abatement device operational recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 10	Material throughput limit, yearly (basis: cumulative increase)	Y	
part 11	Record keeping, material type and throughput (basis: Regulation 2-6-501; cumulative increase)	Y	

#### IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b><u>BAAQMD Regulation 1</u></b>	<b><u>General Provisions and Definitions (7/19/06)</u></b>		
<u>1-523</u>	<u>Parametric Monitoring and Recordkeeping Procedures</u>	<u>N</u>	
<u>1-523.1</u>	<u>Parametric monitor periods of inoperation</u>	<u>Y</u>	
<u>1-523.2</u>	<u>Limits on periods of inoperation</u>	<u>Y</u>	
<u>1-523.3</u>	<u>Reports of Violations</u>	<u>N</u>	
<u>1-523.4</u>	<u>Records</u>	<u>Y</u>	
<u>1-523.5</u>	<u>Maintenance and calibration</u>	<u>N</u>	
<b><u>SIP Regulation 1</u></b>	<b><u>General Provisions and Definitions (6/28/99)</u></b>		
<u>1-523</u>	<u>Parametric Monitoring and Recordkeeping Procedures</u>	<u>Y</u>	
<u>1-523.3</u>	<u>Reports of Violations</u>	<u>Y</u>	
<b><u>BAAQMD Regulation 8, Rule 5</u></b>	<b><u>Organic Compounds - Storage of Organic Liquids (10/18/2006)</u></b>		
<u>8-5-111</u>	<u>Limited Exemption, Tank Removal From and Return to Service</u>	<u>N</u>	
<u>8-5-112</u>	<u>Limited Exemption, Tanks in Operation</u>	<u>N</u>	
<u>8-5-301</u>	<u>Storage Tanks Control Requirements (&gt;150 m3; &gt;39,626 gallon capacity)</u>	<u>N</u>	
<u>8-5-303</u>	<u>Requirements for pressure vacuum Valves</u>	<u>N</u>	
<u>8-5-305</u>	<u>Requirements for Internal Floating Roofs</u>	<u>N</u>	
<u>8-5-305.2</u>	<u>Seals Requirements</u>	<u>N</u>	
<u>8-5-305.4</u>	<u>Floating roof fittings requirements</u>	<u>N</u>	
<u>8-5-305.5</u>	<u>Good operating condition</u>	<u>N</u>	
<u>8-5-305.6</u>	<u>Tank shell in good operating condition</u>	<u>N</u>	
<u>8-5-320</u>	<u>Tank Fitting requirements</u>	<u>N</u>	
<u>8-5-320.2</u>	<u>Roof opening requirements</u>	<u>N</u>	
<u>8-5-320.3</u>	<u>Roof opening requirements</u>	<u>N</u>	
<u>8-5-320.4</u>	<u>Solid sampling or gauging wells requirements</u>	<u>N</u>	
<u>8-5-320.5</u>	<u>Slotted sampling or gauging wells requirements</u>	<u>N</u>	
<u>8-5-320.5.1</u>	<u>Well projection</u>	<u>N</u>	
<u>8-5-320.5.2</u>	<u>Well equipment requirements</u>	<u>N</u>	
<u>8-5-320.5.3</u>	<u>Gap measurements</u>	<u>N</u>	

#### IV. Source-specific Applicable Requirements

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

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



## IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
	<u>pressure ranges</u>		
8-5-501.2	<u>Records of seal replacement for at least 10 years</u>	N	
8-5-501.3	<u>Retain all records, reports, etc.</u>	N	
8-5-501.4	<u>Retain pressure vacuum valves setpoint engineering data sheets</u>	N	
8-5-502	<u>Tank Degassing Annual Source Test Requirement</u>	N	
<b>SIP BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids (<del>11/27/2002</del>6/5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Pressure-vacuum valves requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-321.3	Metallic-shoe-seal requirements	Y	
8-5-321.3.1	Geometry of the shoe	Y	
8-5-321.3.2	Welded tank gap allowed	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	

## IV. Source-specific Applicable Requirements

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

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

#### IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
	<b>Modification Commenced After June 11, 1973 and Prior to May 19, 1978</b>		
60.112(a)(1)	Floating roof, vapor recovery requirement	Y	
60.113(a)	Record keeping	Y	
60.113(b)	True vapor pressure determination	Y	
60.113(c)	Crude oil true vapor pressure determination	Y	
<u>40 CFR 63 Subpart BBBBBB</u>	<u>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities</u>		
<u>63.11080</u>	<u>Purpose of this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11081(a)</u>	<u>Applicability requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11082</u>	<u>Parts of facility covered by this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11083(b)</u>	<u>Compliance date</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(a)</u>	<u>Table 1: Applicable emission limit and management practice</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(b)</u>	<u>Date of compliance</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(c)</u>	<u>Testing and Monitoring requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(d)</u>	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(e)</u>	<u>Recordkeeping and Report submission requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11092(e)(1)</u>	<u>Inspection requirements for internal floating roof system</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11093</u>	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11094(a)</u>	<u>Recordkeeping requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11095(a)(1)</u>	<u>Semiannual compliance and information report as applicable</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11098</u>	<u>Table 3: General Provisions of Part 63 to Subpart BBBBBB</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11100</u>	<u>Definitions</u>	<u>Y</u>	<u>1/10/2011</u>
<b>BAAQMD Condition #13143</b>			
part 1	Abatement device operating requirement (basis: cumulative increase)	Y	
part 2	Abatement device destruction efficiency requirement (basis: cumulative increase)	Y	

#### IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
part 3	Abatement device operating temperature requirement (basis: cumulative increase)	Y	
part 4	Abatement device temperature monitoring and recording requirement (basis: cumulative increase)	Y	
part 5	Abatement device temperature monitoring and recording device installation requirement (basis: cumulative increase)	Y	
part 6	Temperature strip chart recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 7	Abatement device source test requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 8	Abatement device operational recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 9	Material throughput limit, yearly (basis: cumulative increase)	Y	
part 11	Record keeping, material type and throughput (basis: Regulation 2-6-501; cumulative increase)	Y	

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b><u>BAAQMD Regulation 1</u></b>	<b><u>General Provisions and Definitions (7/19/06)</u></b>		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	

#### IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<u>1-523.1</u>	<u>Parametric monitor periods of inoperation</u>	<u>Y</u>	
<u>1-523.2</u>	<u>Limits on periods of inoperation</u>	<u>Y</u>	
<u>1-523.3</u>	<u>Reports of Violations</u>	<u>N</u>	
<u>1-523.4</u>	<u>Records</u>	<u>Y</u>	
<u>1-523.5</u>	<u>Maintenance and calibration</u>	<u>N</u>	
<b><u>SIP</u></b>	<b><u>General Provisions and Definitions (6/28/99)</u></b>		
<b><u>Regulation 1</u></b>			
<u>1-523</u>	<u>Parametric Monitoring and Recordkeeping Procedures</u>	<u>Y</u>	
<u>1-523.3</u>	<u>Reports of Violations</u>	<u>Y</u>	
<b><u>BAAQMD</u></b>	<b><u>Organic Compounds - Storage of Organic Liquids (10/18/2006)</u></b>		
<b><u>Regulation 8,</u></b>			
<b><u>Rule 5</u></b>			
<u>8-5-111</u>	<u>Limited Exemption, Tank Removal From and Return to Service</u>	<u>N</u>	
<u>8-5-112</u>	<u>Limited Exemption, Tanks in Operation</u>	<u>N</u>	
<u>8-5-301</u>	<u>Storage Tanks Control Requirements (&gt;150 m3; &gt;39,626 gallon capacity)</u>	<u>N</u>	
<u>8-5-303</u>	<u>Requirements for pressure vacuum Valves</u>	<u>N</u>	
<u>8-5-305</u>	<u>Requirements for Internal Floating Roofs</u>	<u>N</u>	
<u>8-5-305.2</u>	<u>Seals Requirements</u>	<u>N</u>	
<u>8-5-305.4</u>	<u>Floating roof fittings requirements</u>	<u>N</u>	
<u>8-5-305.5</u>	<u>Good operating condition</u>	<u>N</u>	
<u>8-5-305.6</u>	<u>Tank shell in good operating condition</u>	<u>N</u>	
<u>8-5-320</u>	<u>Tank Fitting requirements</u>	<u>N</u>	
<u>8-5-320.2</u>	<u>Roof opening requirements</u>	<u>N</u>	
<u>8-5-320.3</u>	<u>Roof opening requirements</u>	<u>N</u>	
<u>8-5-320.4</u>	<u>Solid sampling or gauging wells requirements</u>	<u>N</u>	
<u>8-5-320.5</u>	<u>Slotted sampling or gauging wells requirements</u>	<u>N</u>	
<u>8-5-320.5.1</u>	<u>Well projection</u>	<u>N</u>	
<u>8-5-320.5.2</u>	<u>Well equipment requirements</u>	<u>N</u>	
<u>8-5-320.5.3</u>	<u>Gap measurements</u>	<u>N</u>	
<u>8-5-320.6</u>	<u>Emergency roof drain cover</u>	<u>N</u>	
<u>8-5-321</u>	<u>Primary Seal Requirements</u>	<u>N</u>	

#### IV. Source-specific Applicable Requirements

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

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

#### IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-5-501.2	<u>Records of seal replacement for at least 10 years</u>	<u>N</u>	
8-5-501.3	<u>Retain all records, reports, etc.</u>	<u>N</u>	
8-5-501.4	<u>Retain pressure vacuum valves setpoint engineering data sheets</u>	<u>N</u>	
8-5-502	<u>Tank Degassing Annual Source Test Requirement</u>	<u>N</u>	
<b>SIP</b> <b>BAAQMD</b> <b>Regulation 8,</b> <b>Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids</b> <b>(<del>11/27/2002</del>5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Pressure-vacuum valves requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-321.3	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	

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

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



#### IV. Source-specific Applicable Requirements

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

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

#### IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
60.115b(a) (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)	Record keeping for 2 years	Y	
60.116b(c)	Records of liquid stored, period of storage, and maximum true vapor pressure	Y	
60.116b(d)	Notify the Administrator	Y	
60.116b(e)	Determination of maximum vapor pressure	Y	
<u>40 CFR 63 Subpart BBBBBB</u>	<u>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities</u>		
<u>63.11080</u>	<u>Purpose of this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11081(a)</u>	<u>Applicability requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11082</u>	<u>Parts of facility covered by this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11083(b)</u>	<u>Compliance date</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(a)</u>	<u>Table 1: Applicable emission limit and management practice</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(b)</u>	<u>Date of compliance</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(c)</u>	<u>Testing and Monitoring requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(d)</u>	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11087(e)</u>	<u>Recordkeeping and Report submission requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11092(e)</u> (1)	<u>Inspection requirements for internal floating roof system</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11093</u>	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11094(a)</u>	<u>Recordkeeping requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11095(a)</u> (1)	<u>Semiannual compliance and information report as applicable</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11098</u>	<u>Table 3: General Provisions of Part 63 to Subpart BBBBBB</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11100</u>	<u>Definitions</u>	<u>Y</u>	<u>1/10/2011</u>
<b>BAAQMD Condition #13143</b>			
part 1	Abatement device operating requirement (basis: cumulative	Y	

**IV. Source-specific Applicable Requirements**

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
	increase)		
part 2	Abatement device destruction efficiency requirement (basis: cumulative increase)	Y	
part 3	Abatement device operating temperature requirement (basis: cumulative increase)	Y	
part 4	Abatement device temperature monitoring and recording requirement (basis: cumulative increase)	Y	
part 5	Abatement device temperature monitoring and recording device installation requirement (basis: cumulative increase)	Y	
part 6	Temperature strip chart recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 7	Abatement device source test requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 8	Abatement device operational recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 9	Material throughput limit (yearly) for S12 (basis: cumulative increase)	Y	
part 11	Record keeping, material type and throughput (basis: Regulation 2-6-501; cumulative increase)	Y	

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

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

## IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-111	<u>Limited Exemption, Tank Removal From and Return to Service</u>	<u>N</u>	
8-5-112	<u>Limited Exemption, Tanks in Operation</u>	<u>N</u>	
8-5-301	<u>Storage Tanks Control Requirements (&gt;150 m3; &gt;39,626 gallon capacity)</u>	<u>N</u>	
8-5-303	<u>Requirements for pressure vacuum Valves</u>	<u>N</u>	
8-5-305	<u>Requirements for Internal Floating Roofs</u>	<u>N</u>	
8-5-305.2	<u>Seals Requirements</u>	<u>N</u>	
8-5-305.4	<u>Floating roof fittings requirements</u>	<u>N</u>	
8-5-305.5	<u>Good operating condition</u>	<u>N</u>	
8-5-305.6	<u>Tank shell in good operating condition</u>	<u>N</u>	
8-5-320	<u>Tank Fitting requirements</u>	<u>N</u>	
8-5-320.2	<u>Roof opening requirements</u>	<u>N</u>	
8-5-320.3	<u>Roof opening requirements</u>	<u>N</u>	
8-5-320.4	<u>Solid sampling or gauging wells requirements</u>	<u>N</u>	
8-5-320.5	<u>Slotted sampling or gauging wells requirements</u>	<u>N</u>	
8-5-320.5.1	<u>Well projection</u>	<u>N</u>	
8-5-320.5.2	<u>Well equipment requirements</u>	<u>N</u>	
8-5-320.5.3	<u>Gap measurements</u>	<u>N</u>	
8-5-320.6	<u>Emergency roof drain cover</u>	<u>N</u>	
8-5-321	<u>Primary Seal Requirements</u>	<u>N</u>	
8-5-321.1	<u>No openings such as holes etc.</u>	<u>N</u>	
8-5-321.2	<u>Seal metallic shoe</u>	<u>N</u>	
8-5-321.3	<u>Metallic-shoe-seal requirements</u>	<u>N</u>	
8-5-321.3.1	<u>Geometry of the shoe</u>	<u>N</u>	
8-5-321.3.2	<u>Welded tank gap allowed</u>	<u>N</u>	
8-5-322	<u>Secondary Seal requirements</u>	<u>N</u>	
8-5-322.1	<u>No openings such as holes etc.</u>	<u>N</u>	
8-5-322.2	<u>Insertion access to measure gaps in primary seal</u>	<u>N</u>	
8-5-322.3	<u>Welded tank secondary seal gap requirements</u>	<u>N</u>	
8-5-322.5	<u>Welded tank gap allowed</u>	<u>N</u>	
8-5-322.6	<u>Secondary seal extension and not attached to primary seal</u>	<u>N</u>	
8-5-328	<u>Tank Degassing Requirements</u>	<u>N</u>	
8-5-328.1	<u>Degassing control requirements</u>	<u>N</u>	

## IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-5-328.2	<u>Ozone excess day prohibition</u>	<u>N</u>	
8-5-328.3	<u>Tank degassing notification requirements</u>	<u>N</u>	
8-5-331	<u>Tank cleaning requirements</u>	<u>N</u>	
8-5-331.1	<u>Cleaning agents specifications</u>	<u>N</u>	
8-5-331.2	<u>Steam usage prohibition</u>	<u>N</u>	
8-5-331.3	<u>Steam usage limitations</u>	<u>N</u>	
8-5-332	<u>Sludge handling requirements</u>	<u>N</u>	
8-5-332.1	<u>Sludge container – no leakage</u>	<u>N</u>	
8-5-332.2	<u>Sludge container gap specifications</u>	<u>N</u>	
8-5-402	<u>Inspection Requirements for Internal Floating Roof Tanks</u>	<u>N</u>	
8-5-402.1	<u>Primary and secondary seals inspection once every 10 years</u>	<u>N</u>	
8-5-402.2	<u>Secondary Seal visual inspection twice per calendar year</u>	<u>N</u>	
8-5-402.3	<u>Tank fittings Inspection twice per calendar year</u>	<u>N</u>	
8-5-403	<u>Inspection Requirements for Pressure Vacuum Valves</u>	<u>N</u>	
8-5-403.1	<u>Pressure vacuum valves – gas tight in section 8-5-303.</u>	<u>N</u>	
8-5-404	<u>Certification</u>	<u>N</u>	
8-5-501	<u>Records</u>	<u>N</u>	
8-5-501.1	<u>Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges</u>	<u>N</u>	
8-5-501.2	<u>Records of seal replacement for at least 10 years</u>	<u>N</u>	
8-5-501.3	<u>Retain all records, reports, etc.</u>	<u>N</u>	
8-5-501.4	<u>Retain pressure vacuum valves setpoint engineering data sheets</u>	<u>N</u>	
8-5-502	<u>Tank Degassing Annual Source Test Requirement</u>	<u>N</u>	
<b>SIP</b> <b>BAAQMD</b> <b>Regulation 8,</b> <b>Rule 5</b>	<b>Organic Compounds - Storage of Organic Liquids</b> <b>(<del>11/27/2002</del>6/5/2003)</b>		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	

#### IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-5-320.3	Pressure-vacuum valves requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	
8-5-402	Inspection requirements for internal floating roof tanks	Y	
8-5-402.1	Primary and secondary seal inspection once every 10 years	Y	
8-5-402.2	Secondary Seal visual inspection twice per calendar year	Y	
8-5-402.3	Tank fittings Inspection twice per calendar year	Y	
8-5-403	Inspection requirements for pressure vacuum valves	Y	
8-5-404	Certification	Y	
8-5-405	Information Required	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-501.2	Records of seal replacement for at least 10 years	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	

#### IV. Source-specific Applicable Requirements

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

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
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	<u>Y</u>	<u>1/10/2011</u>
63.11081(a)	Applicability requirements	<u>Y</u>	<u>1/10/2011</u>
63.11082	Parts of facility covered by this subpart	<u>Y</u>	<u>1/10/2011</u>
63.11083(b)	Compliance date	<u>Y</u>	<u>1/10/2011</u>
63.11087(a)	Table 1: Applicable emission limit and management practice	<u>Y</u>	<u>1/10/2011</u>
63.11087(b)	Date of compliance	<u>Y</u>	<u>1/10/2011</u>
63.11087(c)	Testing and Monitoring requirements	<u>Y</u>	<u>1/10/2011</u>
63.11087(d)	Notification requirements	<u>Y</u>	<u>1/10/2011</u>
63.11087(e)	Recordkeeping and Report submission requirements	<u>Y</u>	<u>1/10/2011</u>
63.11092(e)(1)	Inspection requirements for internal floating roof system	<u>Y</u>	<u>1/10/2011</u>
63.11093	Notification requirements	<u>Y</u>	<u>1/10/2011</u>
63.11094(a)	Recordkeeping requirements	<u>Y</u>	<u>1/10/2011</u>
63.11095(a)(1)	Semiannual compliance and information report as applicable	<u>Y</u>	<u>1/10/2011</u>
63.11098	Table 3: General Provisions of Part 63 to Subpart BBBBBB	<u>Y</u>	<u>1/10/2011</u>
63.11100	Definitions	<u>Y</u>	<u>1/10/2011</u>

#### IV. Source-specific Applicable Requirements

**Table IV - I**  
**Source-specific Applicable Requirements**  
**S27 - OIL-WATER SEPARATOR**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD</b> <b>Regulation 8,</b> <b>Rule 8</b>	<b><u>Organic Compounds - Wastewater (Oil-Water) Separators (9/15/2004)</u></b>		
8-8-301	<u>Wastewater separators greater than 760 liters per day (200 gallons/day) and smaller than 18.9 liters per second (300 gallons/minute)</u>	N	
8-8-301.1	<u>Solid, vapor-tight, full contact fixed cover requirements</u>	N	
8-8-303	<u>Gauging and Sampling Devices requirements</u>	N	
8-8-305	<u>Oil/water Separator and/or Air Flotation Unit slop oil vessels</u>	N	
8-8-305.1	<u>Solid, gasketed, fixed cover, etc. requirements</u>	N	
8-8-306	<u>Oil/water Separator Effluent Channel, Pond, Trench, or Basin</u>	N	
8-8-306.1	<u>Solid, gasketed, fixed cover, etc. requirements</u>	N	
8-8-308	<u>Junction Box requirements</u>	N	
8-8-501	<u>Bypassed wastewater record keeping requirements</u>	N	
8-8-503	<u>Inspection and repairs record keeping requirements</u>	N	
<b>SIP</b> <b>BAAQMD</b> <b>Regulation 8,</b> <b>Rule 8</b>	<b><u>Organic Compounds - Wastewater (Oil-Water) Separators (8/29/1994/1/89)</u></b>		
8-8-301	Wastewater separators greater than 760 liters per day (200 gallons/day) and smaller than 18.9 liters per second (300 gallons/minute)	Y	
8-8-301.1	Solid, vapor-tight, full contact fixed cover requirements	Y	
8-8-303	Gauging and Sampling Devices requirements	Y	
8-8-305	Oil/water Separator and/or Air Flotation Unit slop oil vessels	Y	
8-8-305.1	Solid, gasketed, fixed cover, etc. requirements	Y	
8-8-306	Oil/water Separator Effluent Channel, Pond, Trench, or Basin	Y	
8-8-306.1	Solid, gasketed, fixed cover, etc. requirements	Y	
8-8-308	Junction Box requirements	Y	
8-8-501	Bypassed wastewater record keeping requirements	Y	
8-8-503	Inspection and repairs record keeping requirements	Y	



#### IV. Source-specific Applicable Requirements

**Table IV - I**  
**Source-specific Applicable Requirements**  
**S27 - OIL-WATER SEPARATOR**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Condition #3590</b>			
part 1	Leak concentration limit as defined in the BAAQMD Rule 8-8-204 (basis: Regulation 8-8-204; 8-8-301.1)	Y	
part 2	Processing rate limit (basis: cumulative increase)	Y	

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b><u>BAAQMD Regulation 8, Rule 5</u></b>	<b><u>Organic Compounds - Storage of Organic Liquids (10/18/2006)</u></b>		
<u>8-5-301</u>	<u>Storage tank control requirements [<math>&lt; 37.5</math> cu. m.(<math>&lt; 9906</math> gallon)]</u>	<u>N</u>	
<u>8-5-302</u>	<u>Requirements for submerged fill pipes</u>	<u>N</u>	
<u>8-5-331</u>	<u>Tank cleaning requirements</u>	<u>N</u>	
<u>8-5-331.1</u>	<u>Cleaning agents specifications</u>	<u>N</u>	
<u>8-5-331.2</u>	<u>Steam usage prohibition</u>	<u>N</u>	
<u>8-5-331.3</u>	<u>Steam usage limitations</u>	<u>N</u>	
<u>8-5-332</u>	<u>Sludge handling requirements</u>	<u>N</u>	
<u>8-5-332.1</u>	<u>Sludge container – no leakage</u>	<u>N</u>	
<u>8-5-332.2</u>	<u>Sludge container gap specifications</u>	<u>N</u>	
<u>8-5-501</u>	<u>Records</u>	<u>N</u>	
<u>8-5-501.1</u>	<u>Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges</u>	<u>N</u>	
<u>8-5-502</u>	<u>Tank Degassing Annual Source Test Requirement</u>	<u>N</u>	
<u>8-5-501.3</u>	<u>Retain all records, reports, etc.</u>	<u>N</u>	
<b><u>SIP</u></b>	<b><u>Organic Compounds - Storage of Organic Liquids</u></b>		

#### IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<del>BAAQMD</del> Regulation 8, Rule 5	<del>(11/27/2002/5/2003)</del>		
8-5-301	Storage tank control requirements [smaller than 150 cu. m.(39,636 gallon)]		
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	

**Table IV - K**  
**Source-specific Applicable Requirements**  
~~S29 - ADDITIVE STORAGE TANK - FIXED ROOF~~

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<del>BAAQMD</del> Regulation 8 Rule 2	<del>Organic Compounds - Miscellaneous Operations (6/15/1994)</del>		
<del>8-2-301</del>	<del>Miscellaneous operations - emissions less than 15 lb/day and concentration less than 300 ppm</del>	<del>Y</del>	
<del>BAAQMD</del> condition # 5245			
<del>part 1</del>	<del>Material throughput limit, yearly (basis: cumulative increase)</del>	<del>Y</del>	
<del>part 2</del>	<del>Methyl cellosolve storage only (basis: cumulative increase)</del>	<del>Y</del>	
<del>part 3</del>	<del>Record keeping requirements (basis: Regulation 2-6-501, cumulative increase)</del>	<del>Y</del>	

#### IV. Source-specific Applicable Requirements

**Table IV-LK**  
**S-31, Emergency Diesel Engine Generator**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 6, Rule 1</b>	<b>Particulate Matter, General Requirements and Visible Emissions (12/5/07<del>19/90</del>)</b>		
6-1-303	Ringelmann Number 2 Limitation	<u>Y</u> <del>N</del>	
6-1-303.1	Ringelmann Number 2 Limitation for engines	<u>Y</u> <del>N</del>	
6-1-305	Visible Particles	<u>Y</u> <del>N</del>	
6-1-310	Particulate Weight Limitation	<u>Y</u> <del>N</del>	
6-1-401	Appearance of Emissions	<u>Y</u> <del>N</del>	
<b>SIP Regulation 6</b>	<b>Particulate Matter and Visible Emissions (9/4/98)</b>		
6-303	Ringelmann Number 2 Limitation	<u>Y</u>	
6-303.1	Ringelmann Number 2 Limitation for engines	<u>Y</u>	
6-305	Visible Particles	<u>Y</u>	
6-310	Particulate Weight Limitation	<u>Y</u>	
6-401	Appearance of Emissions	<u>Y</u>	
<b>BAAQMD Regulation 9, Rule 1</b>	<b>Inorganic Gaseous Pollutants - Sulfur Dioxide (3/15/95)</b>		
9-1-301	Limitations on Ground Level Concentrations	<u>Y</u>	
9-1-304	Fuel Burning (Liquid and Solid Fuels)	<u>Y</u>	
<b>BAAQMD Regulation 9, Rule 8</b>	<b>Inorganic Gaseous Pollutants-Nitrogen Oxides from Stationary Engines (8/1/01<del>7/25/07</del>)</b>		
9-8-330	Emergency Standby Engines, Hours of Operation	<u>N</u>	
9-8-330.1	Unlimited hours during emergency	<u>N</u>	
9-8-330.2	Reliability related hours of operation till 1/1/2012	<u>N</u>	
9-8-330.3	Reliability related hours of operation effective 1/1/2012	<u>N</u>	<u>1/1/2012</u>
9-8-530	Emergency standby engines, monitoring and recordkeeping	<u>N</u>	
<b>CCR, Title 17, Section 93115</b>	<b>ATCM for Stationary Compression Ignition Engines</b>		
93115.5	Fuel Requirements	<u>N</u>	

#### IV. Source-specific Applicable Requirements

**Table IV-LK  
S-31, Emergency Diesel Engine Generator**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
93115.6	<u>ATCM for Stationary CI Engines – Emergency Standby Diesel-Fueled CI Engine (&gt;50 bhp) Operating Requirements and Emission Standards</u>	N	
93115.6(b)	<u>In-Use Emergency Standby Diesel-Fueled CI Engine (&gt; 50 bhp) Operating Requirements and Emission Standards</u>	N	
93115.6(b)(3)	<u>Emission and operation standards</u>	N	
93115.6(b)(3)(A)	<u>Diesel PM Standard and Hours of Operation Limitations</u>	N	
93115.6(b)(3)(A)(1)	<u>General Requirements</u>	N	
93115.6(b)(3)(A)(1)(a)	<u>20 hours/yr for maintenance &amp; testing</u>	N	
93115.10(e)(1)	<u>Monitoring Equipment</u>	N	
93115.10(g)	<u>Reporting Requirements for Emergency Standby Engines</u>	N	
93115.11	<u>ATCM for Stationary CI Engines – Compliance Schedule for Owners or Operators of Three or Fewer Engines (&gt;50 bhp) Located within a District</u>	N	
93115.11(a)	<u>Compliance by 1/1/06 for engines complying by reducing hours of operation</u>	N	
93115.15	<u>Severability</u>	N	
<b>BAAQMD Condition # 22820177</b>		Y	
Part 1	<u>Hours of operation in anticipation of imminent emergency and for reliability-related activities (basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(3) or (e)(2)(B)(3)) <del>Regulation 9-8-330.2</del></u>	Y	
Part 2	<u>Operation for specific purposes <del>Hours of operation during emergency</del> (basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(3) or (e)(2)(B)(3)) <del>Regulation 9-8-330.1</del></u>	Y	
Part 3	<u>Operating hour or fuel usage meter requirements (basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection(e)(4)(G)(1)) <del>Regulation 9-8-530</del></u>	Y	
Part 4	<u>Record keeping <del>Fuel sulfur content requirements and recordkeeping</del> (basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(4)(I), or Regulation 2-6-501)) <del>Regulations 9-1-304, 9-1-602</del></u>	Y	

#### IV. Source-specific Applicable Requirements

**Table IV-LK  
 S-31, Emergency Diesel Engine Generator**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 5	<u>At or near school operation requirements Record keeping</u> (basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(1) or (e)(2)(B)(2)) <del>Regulation 9 8 530; 1 441</del>	Y	

**Table IV - ML  
 Source-specific Applicable Requirements  
 S40 - PIPELINE SURGE SYSTEM CONSISTING OF 35 SURGE VESSELS**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 1</b>	<b><u>General Provisions and Definitions (7/19/06)</u></b>		
1-523	<u>Parametric Monitoring and Recordkeeping Procedures</u>	<u>N</u>	
1-523.1	<u>Parametric monitor periods of inoperation</u>	<u>Y</u>	
1-523.2	<u>Limits on periods of inoperation</u>	<u>Y</u>	
1-523.3	<u>Reports of Violations</u>	<u>N</u>	
1-523.4	<u>Records</u>	<u>Y</u>	
1-523.5	<u>Maintenance and calibration</u>	<u>N</u>	
<b>SIP Regulation 1</b>	<b><u>General Provisions and Definitions (6/28/99)</u></b>		
1-523	<u>Parametric Monitoring and Recordkeeping Procedures</u>	<u>Y</u>	
1-523.3	<u>Reports of Violations</u>	<u>Y</u>	
<b>BAAQMD Regulation 8, Rule 2</b>	<b><u>Organic Compounds – Miscellaneous Operations (6/15/94/20/05)</u></b>		
8-2-301	Miscellaneous operations - emissions less than 15 lb/day and concentration less than 300 ppm	Y	
<b>BAAQMD Condition #15574</b>			
part 1	Surge vessel daily and annual turnover limits (basis: cumulative	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - M-L**  
**Source-specific Applicable Requirements**  
**S40 - PIPELINE SURGE SYSTEM CONSISTING OF 35 SURGE VESSELS**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
	increase)		
part 2	Abatement device requirement (basis: cumulative increase)	Y	
part 3	Material vapor pressure limit requirement (basis: cumulative increase)	Y	
part 4	Record keeping, material type and surge vessel turnover and breakout tank switchover requirement (basis: Regulation 2-6-501; cumulative increase)	Y	

**Table IV - N**  
**Source-specific Applicable Requirements**  
**S41 - SOIL VAPOR EXTRACTION SYSTEM**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 47</b>	<b>Organic Compounds - Air Stripping And Soil Vapor Extraction Operations</b>		
8-47-301	Emission control requirements, specific compounds	Y	
8-47-302	Organic compounds	Y	
8-47-501	Records		
8-47-501.2	Record keeping, control device performance	Y	
8-47-603	Determination of Emissions	Y	
<b>BAAQMD Condition #16699</b>			
part 1	Abatement requirement and vapor processing rate limit (basis: Regulations 8-47-301, 8-47-302, cumulative increase, toxic risk screen)	Y	
part 2	Emission limit (basis: cumulative increase, toxic screen)	Y	
part 3	Destruction efficiency (basis: Regulations 8-47-301, 8-47-302, cumulative increase, toxic screen)	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - N**  
**Source-specific Applicable Requirements**  
**S41 - SOIL VAPOR EXTRACTION SYSTEM**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
Part 4	Operating mode and operating temperature requirement (basis: Regulations 8-47-301, 8-47-302, cumulative increase, toxic screen)	Y	
Part 5	Temperature monitoring and recording requirements (basis: Regulations 8-47-301, 8-47-302, cumulative increase)	Y	
Part 6	District approval of the temperature monitoring and recording devices (basis: Regulations 8-47-301, 8-47-302)	Y	
Part 7	Temperature record keeping (basis: Regulations 2-6-501, 8-47-501)	Y	
Part 8	Measurements of flow rate, volatile organic compounds concentrations, destruction efficiency, etc. (basis: Regulations 8-47-301, 8-47-302, cumulative increase, toxic screen)	Y	
Part 9	Record keeping (basis: Regulations 2-6-501, 8-47-501)	Y	
Part 10	Non-compliance reporting to the District (basis: cumulative increase, toxic screen)	Y	

## IV. Source-specific Applicable Requirements

**Table IV - ~~OM~~  
 Source-specific Applicable Requirements  
 S42 - AIR STRIPPER**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b><u>BAAQMD</u></b> <b><u>Regulation 1</u></b>	<b><u>General Provisions and Definitions (7/19/06)</u></b>		
<u>1-523</u>	<u>Parametric Monitoring and Recordkeeping Procedures</u>	<u>N</u>	
<u>1-523.1</u>	<u>Parametric monitor periods of inoperation</u>	<u>Y</u>	
<u>1-523.2</u>	<u>Limits on periods of inoperation</u>	<u>Y</u>	
<u>1-523.3</u>	<u>Reports of Violations</u>	<u>N</u>	
<u>1-523.4</u>	<u>Records</u>	<u>Y</u>	
<u>1-523.5</u>	<u>Maintenance and calibration</u>	<u>N</u>	
<b><u>SIP</u></b> <b><u>Regulation 1</u></b>	<b><u>General Provisions and Definitions (6/28/99)</u></b>		
<u>1-523</u>	<u>Parametric Monitoring and Recordkeeping Procedures</u>	<u>Y</u>	
<u>1-523.3</u>	<u>Reports of Violations</u>	<u>Y</u>	
<b><u>BAAQMD</u></b> <b><u>Regulation 8,</u></b> <b><u>Rule 47</u></b>	<b><u>Organic Compounds - Air Stripping And Soil Vapor Extraction Operations (6/15/2005)</u></b>		
<u>8-47-301</u>	<u>Emission control requirements, specific compounds</u>	<u>N</u>	
<u>8-47-302</u>	<u>Organic Compounds</u>	<u>N</u>	
<u>8-47-501</u>	<u>Records</u>	<u>N</u>	
<u>8-47-501.1</u>	<u>Water analysis</u>	<u>N</u>	
<u>8-47-501.2</u>	<u>Record keeping, control device performance</u>	<u>N</u>	
<u>8-47-601</u>	<u>Air stripper water sampling</u>	<u>N</u>	
<u>8-47-602</u>	<u>Measurement of organic content</u>	<u>N</u>	
<u>8-47-603</u>	<u>Determination of Emissions</u>	<u>N</u>	
<b><u>SIP</u></b> <b><u>BAAQMD</u></b> <b><u>Regulation 8,</u></b> <b><u>Rule 47</u></b>	<b><u>Organic Compounds - Air Stripping And Soil Vapor Extraction Operations (4/26/95)</u></b>		
<u>8-47-301</u>	<u>Emission control requirements, specific compounds</u>	<u>Y</u>	
<u>8-47-302</u>	<u>Organic Compounds</u>	<u>Y</u>	
<u>8-47-501</u>	<u>Records</u>		
<u>8-47-501.1</u>	<u>Water analysis</u>	<u>Y</u>	
<u>8-47-501.2</u>	<u>Record keeping, control device performance</u>	<u>Y</u>	



#### IV. Source-specific Applicable Requirements

**Table IV - ~~OM~~**  
**Source-specific Applicable Requirements**  
**S42 - AIR STRIPPER**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-47-601	Air stripper water sampling	Y	
8-47-602	Measurement of organic content	Y	
8-47-603	Determination of Emissions	Y	
<b>BAAQMD Condition #17450</b>			
part 1	Abatement requirement and vapor processing rate limit (basis: Regulations 8-47-301, 8-47-302, cumulative increase)	Y	
part 2	Emission limit (basis: cumulative increase)	Y	
Part 3	Operating temperature requirement (basis: Regulations 8-47-301, 8-47-302, cumulative increase)	Y	
Part 4	Temperature monitoring and recording requirements (basis: Regulations 8-47-301, 8-47-302, cumulative increase)	Y	
Part 5	District approval of the temperature monitoring and recording devices (basis: Regulations 8-47-301, 8-47-302)	Y	
Part 6	Temperature record keeping (basis: Regulations 2-6-501, 8-47-501)	Y	
Part 7	Measurements of flow rate, volatile organic compounds concentrations, etc. (basis: Regulations 8-47-301, 8-47-302, 8-47-601, 8-47-603, cumulative increase)	Y	
Part 8	Record keeping (basis: Regulations 2-6-501, 8-47-501)	Y	
Part 9	Non-compliance reporting to the District (basis: cumulative increase, toxic screen)	Y	

**Table IV - ~~P~~**  
**Source-specific Applicable Requirements**  
**S43, S44 - TRANSPORTABLE STORAGE TANK - FIXED ROOF**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8,</b>	<del>Organic Compounds - Storage of Organic Liquids (11/27/2002)</del>		

#### IV. Source-specific Applicable Requirements

**Table IV - P**  
**Source-specific Applicable Requirements**  
**S43, S44 – TRANSPORTABLE STORAGE TANK – FIXED ROOF**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>Rule 5</b>			
8-5-301	Storage tanks control requirements	Y	
8-5-306	Requirements for approved emission control systems	Y	
8-5-501	Records	Y	
8-5-501.1	Records, liquid type and true vapor pressure ranges	Y	
<b>BAAQMD Condition # 20874</b>			
part 1	Throughput limit, yearly (basis: cumulative increase)	Y	
part 2	Emission control requirements (basis: Regulation 8-5-306)	Y	
part 3	Exhaust concentration monitoring requirements (basis: cumulative increase; toxic risk screen)	Y	
part 4	Recordkeeping (exhaust concentration monitoring) to estimate carbon change out (basis: cumulative increase)	Y	
part 5	Recordkeeping requirements (basis: cumulative increase)	Y	

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

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

#### IV. Source-specific Applicable Requirements

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

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

#### IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 5</b>	<b><u>Organic Compounds - Storage of Organic Liquids (10/18/2006)</u></b>		
8-5-301	<u>Storage tank control requirements [<math>&lt; 37.5</math> cu. m. (<math>&lt; 9906</math> gallon)]</u>	<u>N</u>	
8-5-302	<u>Requirements for submerged fill pipes</u>	<u>N</u>	
8-5-331	<u>Tank cleaning requirements</u>	<u>N</u>	
8-5-331.1	<u>Cleaning agents specifications</u>	<u>N</u>	
8-5-331.2	<u>Steam usage prohibition</u>	<u>N</u>	
8-5-331.3	<u>Steam usage limitations</u>	<u>N</u>	
8-5-332	<u>Sludge handling requirements</u>	<u>N</u>	
8-5-332.1	<u>Sludge container – no leakage</u>	<u>N</u>	
8-5-332.2	<u>Sludge container gap specifications</u>	<u>N</u>	
8-5-501	<u>Records</u>	<u>N</u>	
8-5-501.1	<u>Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges</u>	<u>N</u>	
8-5-502	<u>Tank Degassing Annual Source Test Requirement</u>	<u>N</u>	
<b>SIP BAAQMD Regulation 8, Rule 5</b>	<b><u>Organic Compounds - Storage of Organic Liquids (11/27/2002/5/2003)</u></b>		
8-5-301	<u>Storage tank control requirements [smaller than 150 cu. m. (39,636 gallon)]</u>	<u>Y</u>	
8-5-501	<u>Records</u>	<u>Y</u>	
8-5-501.1	<u>Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges</u>	<u>Y</u>	
8-5-502	<u>Tank Degassing Annual Source Test Requirement</u>	<u>Y</u>	
8-5-503	<u>Portable Hydrocarbon Detector</u>	<u>Y</u>	
40 CFR 63 Subpart BBBBBB	<u>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities</u>		
63.11080	<u>Purpose of this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
63.11081(a)	<u>Applicability requirements</u>	<u>Y</u>	<u>1/10/2011</u>
63.11082	<u>Parts of facility covered by this subpart</u>	<u>Y</u>	<u>1/10/2011</u>

#### IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.11083(b)	Compliance date	Y	1/10/2011
63.11087(a)	Table 1: Applicable emission limit and management practice	Y	1/10/2011
63.11087(c)	Testing and Monitoring requirements	Y	1/10/2011
63.11087(d)	Notification requirements	Y	1/10/2011
63.11087(e)	Recordkeeping and Report submission requirements	Y	1/10/2011
63.11093	Notification requirements	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
<b>BAAQMD Condition # 15859</b>			
part 1	Material throughput limit, yearly (basis: cumulative increase)	Y	
part 2	Record keeping requirement (basis: Regulation 2-6-501, cumulative increase)	Y	

**Table IV – R**  
**Source-specific Applicable Requirements**  
**~~S1001 – SUMP TANK D-8, SAN JOSE LINE~~**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds – Storage of Organic Liquids (11/27/2002)</b>		
8-5-301	Storage tank control requirements [smaller than 150 cu. m. (39,636 gallon)]	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	

#### IV. Source-specific Applicable Requirements

**Table IV – R**  
**Source-specific Applicable Requirements**  
**S1001 – SUMP TANK D-8, SAN JOSE LINE**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<b>BAAQMD Condition # 15859</b>			
part 1	Material throughput limit, yearly (basis: cumulative increase)	Y	
part 2	Record keeping requirement (basis: Regulation 2-6-501, cumulative increase)	Y	

**Table IV – S**  
**Source-specific Applicable Requirements**  
**S1002 – SUMP TANK D-10, SACRAMENTO LINE**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 5</b>	<b>Organic Compounds – Storage of Organic Liquids (11/27/2002)</b>		
8-5-301	Storage tank control requirements [smaller than 150 cu. m.(39,636 gallon)]	Y	
8-5-501	Records	Y	
8-5-501.1	Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges	Y	
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
<b>BAAQMD Condition # 15859</b>			
part 1	Material throughput limit, yearly (basis: cumulative increase)	Y	
part 2	Record keeping requirement (basis: Regulation 2-6-501, cumulative increase)	Y	

#### IV. Source-specific Applicable Requirements

**Table IV - ~~FP~~  
 Source-specific Applicable Requirements  
 COMPONENTS**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 18</b>	<b>Organic Compounds-Equipment Leaks (9/15/2004)</b>		
8-18-301	General	Y	
8-18-302	Valves	N	
8-18-303	Pumps and compressors	N	
8-18-304	Connectors	N	
8-18-305	Pressure relief devices	Y	
8-18-306	Non-repairable equipment	N	
8-18-306.1	Repair within 5 years or next scheduled turnaround	N	
8-18-306.2	Limit on valves, etc. awaiting repair	N	
8-18-306.3	Connection defined as non-repairable equipment	N	
8-18-306.4	Definition of valve as non-repairable equipment	N	
8-18-307	Liquid Leaks	Y	
8-18-308	Alternate compliance	Y	
8-18-401	Inspection requirements	N	
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	
8-18-503	Reports	N	
<b>SIP BAAQMD Regulation 8, Rule 18</b>	<b><u>Organic Compounds - Equipment Leaks (6/5/2003/5/2003)</u></b>		

## IV. Source-specific Applicable Requirements

**Table IV - ~~FP~~  
 Source-specific Applicable Requirements  
 COMPONENTS**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-18-301	General	Y	
8-18-302	Valves	Y	
8-18-303	Pumps and Compressors	Y	
8-18-304	Connections	Y	
8-18-305	Pressure Relief Devices	Y	
8-18-306	Non-Repairable Equipment	Y	
8-18-306.1	Repair within 5 years or next scheduled turnaround	Y	
8-18-306.2	Limit on valves, etc. awaiting repair	Y	
8-18-306.3	Measurement and limit on mass emission, and repair requirements	Y	
8-18-307	Liquid Leak	Y	
8-18-308	Alternate compliance	Y	
8-18-401	Inspection requirements	Y	
8-18-402	Identification requirements	Y	
8-18-403	Visual inspection requirements for pumps and compressors	Y	
8-18-404	Alternate inspection schedule for valves	Y	
8-18-405	Alternate emission reduction plan	Y	
8-18-501	Portable Hydrocarbon Detector	Y	
8-18-502	Records	Y	
<b>SIP  <del>BAAQMD</del>                  Regulation 8,                  Rule 25</b>	<b>Organic Compounds, Pump and Compressor Seals at Petroleum Refinery Complexes, Chemical Plants, Bulk Plants and Bulk Terminals (6/1/94/3/7/95)</b>		
8-25-301	Pump and compressor operating requirements	Y	
8-25-302	Pumps	Y	
8-25-303	Compressors	Y	
8-25-304	Non-repairable pumps and compressors	Y	
8-25-305	New or Replaced pumps and compressors	Y	
8-25-306	Repeat Leakers	Y	
8-25-307	Liquid Leak	Y	
8-25-401	Measurement schedule	Y	
8-25-402	Inspection plan	Y	
8-25-403	Visual inspection schedule	Y	



#### IV. Source-specific Applicable Requirements

**Table IV - ~~FP~~  
Source-specific Applicable Requirements  
COMPONENTS**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-25-405	Identification requirements	Y	
8-25-406	Tagging requirements	Y	
<u>40 CFR 63 Subpart BBBBBB</u>	<u>National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals; Bulk plants; and Pipeline Facilities</u>		
<u>63.11080</u>	<u>Purpose of this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11081(a)</u>	<u>Applicability requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11082</u>	<u>Parts of facility covered by this subpart</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11083(b)</u>	<u>Compliance date</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11089(a)</u>	<u>Monthly leak inspection of all equipment</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11089(b)</u>	<u>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.</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11089(c)</u>	<u>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</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11089(d)</u>	<u>Delay of repair of leaking equipment allowed if repair is not feasible within 15 days. Reason for delay shall be reported in semiannual report</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11093</u>	<u>Notification requirements</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11094(d)</u>	<u>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.</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11094(e)</u>	<u>Leak information to be recorded in the logbook</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11095(a) (3)</u>	<u>Semiannual compliance report including number of equipment leaks not repaired within 15 days after detection</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11095(b) (5)</u>	<u>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</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11098</u>	<u>Table 3: General Provisions of Part 63 to Subpart BBBBBB</u>	<u>Y</u>	<u>1/10/2011</u>
<u>63.11100</u>	<u>Definitions</u>	<u>Y</u>	<u>1/10/2011</u>

## **V. SCHEDULE OF COMPLIANCE**

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

## VI. PERMIT CONDITIONS

### CONDITION #3590

For, S27, Oil/Water Separator

1. The owner/operator shall not allow any concentration of organics at any point, fugitive or otherwise, in excess of vapor tight concentration as defined in the BAAQMD Rule 8-8-204, unless the emission points are enclosed and vented to an APCO approved abatement system. (basis: Regulation 8-8-204; 8-8-301.1)
2. The owner/operator shall not exceed the groundwater processing rate of 5 gallon per minute (gpm) ~~from source, S41, to be processed at S27.~~ (basis: cumulative increase)

### CONDITION #5245

~~For S29, Additive Storage Tank~~

- ~~1. The total liquid throughput for S29, storage tank, shall not exceed 147,000 gallons during any consecutive 12-month period. (basis: cumulative increase)~~
- ~~2. Only methyl cellosolve (ethylene glycol monomethyl ether) shall be stored in S29, storage tank, unless the operator receives prior written approval from the District for a change in material. (basis: cumulative increase)~~
- ~~3. In order to demonstrate compliance with the above conditions, the owner/operator of S29, storage tank, shall maintain the following records in a District approved log:  
  
(a) The total throughput of material stored, summarized on a monthly basis.~~

~~These records shall be kept on site and made available for District inspection for a period of five years from the date the record was made. (basis: Regulation 2-6-501; cumulative increase)~~

### CONDITION #5531

For S1, S2, Storage Tanks

1. The total liquid throughput for each storage tanks, S1 and S2, shall not exceed 3,175,200 gallons during any consecutive 12 month period. (basis: cumulative increase)
2. In order to demonstrate compliance with the above condition, the owner/operator of tanks, S1 and S2, shall maintain the following records in a District approved logbook.

## VI. Permit Conditions

These records shall be kept on site and made available for District inspection for a period of at least 60 months from the date that the record was made. (basis: Regulation 2-6-501, Regulation 8-5- 501)

- a. The type and VOC content of all materials stored and the dates that the materials were stored.
  - b. The total daily throughput of each material stored, summarized on a monthly basis.
3. SFPP, L.P. shall notify the District at least three days before the tanks are put into service so that they may be inspected. (basis: Regulation 8-5-401)
4. ~~The resilient toroidal primary seal shall be liquid mounted whenever any tank is in operation. (basis: Regulation 8-5-321.2)~~

### CONDITION #13143

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

(Revision: Application # 15923)

1. The owner/operator shall abate emissions from Ssources S3, S5 thru S13, and S18 thru S26 shall be abated by A1, Vapor Burner System, during all periods of operation except when roofs of all the above sources are floating on product. (basis: cumulative increase)
2. The owner/operator shall maintain Volatile Organic Compound (VOC) destruction efficiency of A1, Vapor Burner System, ~~shall be maintained~~ at a minimum of 99.8% by weight. (basis: cumulative increase)
3. The owner/operator shall properly maintain and keep A1, Vapor Burner System, ~~shall be properly maintained and kept~~ in good operating condition at all times. The minimum operating temperature of A1 shall be maintained at a minimum of 1200 degrees F, and a residence time of 0.5 second. This minimum temperature may be adjusted by the District if the source test in Part Number 7 indicates that an alternative temperature can achieve the destruction efficiency specified in Part Number 2. (basis: cumulative increase)
4. To determine compliance with Part Number 3, the owner/operator shall equip A1, Vapor Burner System, ~~shall be equipped~~ with continuous temperature measuring and recording instrumentation consisting of at least 1 temperature probe in A1 and at least one recording device, which will continuously record temperature. (basis: cumulative increase)

## VI. Permit Conditions

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

These records shall be retained for at least five years from date of entry and be made available to District staff upon request. (basis: Regulation 2-6-501; cumulative increase)
9. The owner/operator shall not exceed a total throughput of Sources S5, S6, S7, S8, S9, S11, and S12 shall not exceed 1,400 million gallons of gasoline and 352 million gallons of jet/kerosene at sources S-5, S-6, S-7, S-8, S-9, S-11, and S-12 in any consecutive 12-month period. (basis: cumulative increase)
10. The owner/operator shall not exceed a total material throughput of 504 million gallons at source S10 shall not exceed 353,808,000 gallons during any consecutive 12-month period. (basis: cumulative increase)
11. In order to demonstrate compliance with Part numbers 9 and 10, the owner/operator permit holder of S5 thru S12 shall maintain the following records in a District approved logbook. These records shall be kept on site for at least five years from

## VI. Permit Conditions

the date the record is made, and be made available to the District staff for inspection.

- a. The type and VOC content of all materials stored and the dates that the materials were stored.
- b. The total daily throughput of each material stored, and summarized on a monthly basis.  
(basis: Regulation 2-6-501; cumulative increase)

### CONDITION # 15574

For S40, Pipeline surge system  
(Revised: Application #2732, Application #5509)

1. The owner/operator of S-40 shall not exceed 30 switchover of storage tanks per day on an annual average basis (10,950 switchover/consecutive 365 day period), and a maximum of 45 switchover on any single day.  
(basis: cumulative increase)
2. The owner/operator of S-40 shall abate the surge system by the vapor burner, A1, during all venting operations. (basis: cumulative increase)
3. The owner/operator shall pump materials, only with true vapor pressure not greater than 11.0 psia at 70 degree F through S40. (basis: cumulative increase)

### CONDITION # 15574

For S40, Pipeline surge system  
(Revised: Application #2732, Application #5509)

4. In order to demonstrate compliance with the above conditions, the owner/operator of S40 shall maintain the following records in a District approved log. These records shall be kept on site and be made available for District inspection for a period of at least five years from the date that the record was made:
  - a. Daily switchover of storage tanks .
  - b. The daily switchover shall be totaled every 365 consecutive day period.  
(basis: Regulation 2-6-501, cumulative increase)

### CONDITION #15859

For S1000, ~~S1001~~, and S1002, SUMP TANKS  
(Revision: Application # 14869)

1. The owner/operator total throughput of sources S1000, ~~S1001~~, and S1002 shall not

## VI. Permit Conditions

- exceed a combined total throughput of 30750,000 gallons combined during any consecutive twelve-month period. (basis: cumulative increase)
2. In order to demonstrate compliance with the above condition, the owner/operator shall maintain the following records ~~shall be maintained~~ in a District approved log. These records shall be kept on site and made available for District inspection for a period of at least five years from the date on which a record is made.
    - a. The type and amount of each material stored.
    - b. Quantities shall be totaled on a quarterly basis.  
(basis: cumulative increase; recordkeeping)

### **CONDITION # 16699**

For S41 abated by A2:

1. ~~This source (S41) shall be abated by A2 during all periods of operation. Vapor flow rate shall not exceed 300 cfm.~~ (~~basis: Regulations 8 47 301, 8 47 302, cumulative increase, toxic risk screen~~)
2. ~~The following emission limits shall not be exceeded:~~  
~~POC = 0.56 lb/day      Benzene = 144 lbs/yr~~  
  
(~~basis: cumulative increase, toxic risk screen~~)
3. ~~The Precursor Organic Compound (POC) destruction efficiency of A2 shall be maintained at a minimum of 99% by weight.~~ (~~basis: Regulations 8 47 301, 8 47 302, cumulative increase, toxic risk screen~~)

### **CONDITION # 16699**

For S41 abated by A2:

4. ~~The oxidation unit, A2, can be operated in thermal/ catalytic mode as needed. It shall be properly maintained and kept in good operating condition at all times. In no event shall the minimum operating temperature of the oxidation unit, A2, be less than 1400 degree Fahrenheit when operating in thermal mode, and catalyst inlet temperature be less than 650 degree Fahrenheit when operating in catalyst mode.~~ (~~basis: Regulations 8 47 301, 8 47 302, cumulative increase~~)
5. ~~To determine compliance with Part Number 4, the oxidation unit, A2, shall be equipped with continuous temperature measuring, and recording instrumentation consisting of at least one temperature probe in the oxidation unit, and at least one recording device, which will continuously record temperature.~~ (~~basis: Regulations 8 47 301, 8 47 302, cumulative increase~~)

## VI. Permit Conditions

6. ~~The temperature measuring and recording instrumentation to be installed, and the specific placement within the oxidation unit of the temperature probe specified in Part Number 5 shall be subject to the prior approval of the Source Test Section of the District. (basis: Regulations 8-47-301, 8-47-302)~~
7. ~~The temperature data collected from the temperature recorder shall be maintained in a file, which shall be made available for District inspection for a period of at least five years following the date of data entry. (basis: Regulations 2-6-501, 8-47-501)~~

### **CONDITION # 16699**

For S41 abated by A2:

8. ~~The owner/operator of this source shall do the following:
  - a. ~~The inlet gas shall be analyzed to determine the flow rate and concentration of POC once every 30 days.~~
  - b. ~~The exhaust gas stream shall be analyzed to determine the concentration of Benzene and POC once every 30 days.~~
  - c. ~~Calculate the Benzene and POC emissions rate in pounds per day based on the exhaust gas analysis and the operating exhaust flow rate to demonstrate compliance with Part #2.~~
  - d. ~~Calculate the POC destruction efficiency based on the inlet and exhaust gas analysis. For the purpose of determining compliance with Part #3, the POC concentration shall be reported as hexane. The soil vapor flow rate shall be adjusted to demonstrate compliance with Part #3.~~~~

### **CONDITION # 16699**

For S41 abated by A2:

- ~~e. ~~Submit to the District the test results and emission calculations within one month of the testing date. Samples shall be analyzed according to modified EPA test methods 8015 and 8020 or their equivalent to determine the concentrations of Benzene and POC.  
(basis: Regulations 8-47-301, 8-47-302, cumulative increase, toxic risk screen)~~~~
9. ~~The owner/operator of this source shall maintain the following records for each day of operation of the source:
  - a. ~~Days, hours, operating mode of the oxidation unit, and time of operation.~~
  - b. ~~Each emission test, analysis or monitoring results logged in for the day of operation they were taken.~~~~



## VI. Permit Conditions

~~These records shall be retained for at least five years from date of entry, and be made available to the BAAQMD staff for inspection. (basis: Regulations 2-6-501, 8-47-501)~~

- ~~10. Any non-compliance with Part nos. 1, 2, 3, and/or 4 shall be reported to the District at the time it is first discovered. The submittal shall detail the corrective action taken and shall include the data showing the exceedance and the time of occurrence. (basis: cumulative increase, toxic screen)~~

### CONDITION # 17450

For S42 abated by ~~A3~~ or A6:

1. The owner/operator shall abate this source by ~~A3~~ or A6 during all periods of operation. Vapor flow rate shall not exceed 600 scfm. (basis: Regulations 8-47-301, 8-47-302, cumulative increase)
2. The owner/operator shall not exceed the following emission limits from this source:
  - a. VOC = 549 lbs/yr
  - b. Benzene = 6.0 lb/yr
  - c. VOC in the ~~A3~~ or A6 exhaust stream < 10 ppmv.

(basis: cumulative increase, toxic risk screen)

### CONDITION # 17450

For S42 abated by ~~A3~~ or A6:

3. The owner/operator shall operate the abatement device, ~~A3~~ or A6, at a minimum inlet temperature of 500 degrees Fahrenheit. The abatement device shall be properly maintained and kept in good operating condition at all times of operations. (basis: Regulations 8-47-301, 8-47-302, cumulative increase)
4. In order to determine compliance with Part Number 3, the abatement device, ~~A3~~ or A6, shall be equipped with continuous temperature measuring, and recording instrumentation consisting of at least one temperature probe in the abatement device, and at least one recording device, which will continuously record temperature. (basis: Regulations 8-47-301, 8-47-302, cumulative increase)
5. The temperature measuring and recording instrumentation to be installed, and the

## VI. Permit Conditions

specific placement within the abatement device of the temperature probe specified in Part Number 4 shall be subject to the prior approval of the Source Test Section of the District. (basis: Regulations 8-47-301, 8-47-302)

6. The owner/operator shall maintain the temperature data collected from the temperature recorder in a file, which shall be made available for District inspection for a period of at least five years following the date of data entry. (basis: Regulations 2-6-501, 8-47-501)
7. The owner/operator of this source shall do the following:
  - a. The inlet ground water shall be analyzed to determine the flow rate and concentration of VOC once every 30 days.
  - b. The exhaust gas stream shall be analyzed to determine the concentration of VOC once every 30 days.
  - c. Calculate the VOC emissions rate in pounds per day based on the exhaust gas analysis and the operating exhaust flow rate. The vapor flow rate and operating temperatures shall be adjusted to demonstrate compliance with Part number 2.
  - d. Submit to the District the test results and emission calculations within one month of the testing date. Samples shall be analyzed according to modified EPA test methods 8015 and 8020 or their equivalent to determine the concentrations of VOC.(basis: Regulations 8-47-301, 8-47-302, 8-47- 601, 8-47-603, cumulative increase)

### CONDITION # 17450

For S42 abated by A3 or A6:

8. The owner/operator of this source shall maintain the following records for each week of operation of the source:
  - a. Liquid flow rate, weekly liquid throughput, and instantaneous air velocity measurements.
  - b. Each emission test, analysis or monitoring results logged in for the day of operation they were taken.

These records shall be retained for at least five years from date of entry, and be made available to the BAAQMD staff upon request. (basis: Regulations 2-6-501, 8-47-501)

9. The owner/operator shall report any non-compliance with Part nos. 1, 2, 3, and 4 to the district at the time it is first discovered. The submittal shall detail the corrective action taken and shall include the data showing the exceedance and the time of

## VI. Permit Conditions

occurrence. (basis: cumulative increase, toxic risk screen)

### CONDITION # 20874

For S-43 and S-44 abated by A4 and A5 respectively:

- ~~1. The owner/operator shall not exceed total recovered product (from a spill) throughput of 100,000 gallons per consecutive 12-month period at each tank. (basis: cumulative increase)~~
- ~~2. The owner/operator shall abate emissions from each tank by an activated carbon vessel with an overall collection and abatement efficiency of at least 95% by weight. (basis: Regulation 8-5-306)~~
- ~~3. The Owner/operator shall monitor non-methane hydrocarbon concentration at the exhaust from the carbon vessel only at the time of tank filling with a flame ionization detector (OVA-FID) or other method approved in writing by the APCO. The owner/operator shall change out the unspent carbon upon detection at its outlet of 100 ppmv (measured as C1). (basis: cumulative Increase, Toxic Risk Screen)~~
- ~~4. The owner/operator shall record monitor readings in a monitoring log at the time they are taken. The monitoring data shall be used to calculate time of predicted breakthrough of hydrocarbons and estimate frequency of carbon change out to maintain compliance with condition #3. (basis: cumulative increase)~~
- ~~5. The owner/operator shall maintain the following records in a District approved logbook for at least five years from the date of data entry and shall make them available to the District staff for inspection:
  - ~~— a. monthly material throughput at each tank~~
  - ~~— b. each monitoring reading and analysis result for the day of operation they were taken~~
  - ~~— c. the calculations of hydrocarbon breakthrough from the carbon vessels~~
  - ~~— d. the number of carbon beds removed from the service.~~(basis: cumulative increase)~~

### CONDITION # 21509

For oil/water separators, S-47 & S-48:

1. The owner/operator shall not exceed groundwater processing limit of 21,600 gallons per day at S-47 and S-48.  
(basis: cumulative increase; toxic risk screen)
2. The owner/operator shall have all the openings of the separators kept closed with well gasketed covers at all times except when the opening is used for inspection and

## VI. Permit Conditions

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

### CONDITION # 22820

#### For Emergency Diesel Engine Generator, S31

1. The owner/operator shall not exceed 20 hours per year per engine for reliability-related testing.  
[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(3) or (e)(2)(B)(3)]
2. The owner/operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emission limits is not limited.  
[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(3) or (e)(2)(B)(3)]
3. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained.  
[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection(e)(4)(G)(1)]
4. Records: The owner/operator shall maintain the following monthly records in a

## VI. Permit Conditions

District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic Minor Operating Permit). Log entries shall be retained on-site, either at a central location or

at

the engine's location, and made immediately available to the District staff upon request.

- a. Hours of operation for reliability-related activities (maintenance and testing).
- b. Hours of operation for emission testing to show compliance with emission limits.
- c. Hours of operation (emergency).
- d. For each emergency, the nature of the emergency condition.
- e. Fuel usage for each engine(s).

[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(4)(I), (or, Regulation 2-6-501)]

### 5. At School and Near-School Operation:

If the emergency standby engine is located on school grounds or within 500 feet of any school grounds, the following requirements shall apply:

The owner/operator shall not operate each stationary emergency standby diesel-fueled engine for non-emergency use, including maintenance and testing, during the following periods:

- a. Whenever there is a school sponsored activity (if the engine is located on school grounds)
- b. Between 7:30 a.m. and 3:30 p.m. on days when school is in session. "School" or "School Grounds" means any public or private school used for the purposes of the education of more than 12 children in kindergarten or any of grades 1 to 12, inclusive, but does not include any private school in which education is primarily conducted in a private home(s). "School" or "School Grounds" includes any building or structure, playground, athletic field, or other areas of school property

but

does not include unimproved school property.

[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(1)] or (e)(2)(B)(2)]

### **CONDITION # 22177**

~~For S31, Emergency Diesel Engine Generator Set:~~

- ~~1. The owner/operator shall not operate S31 for more than 100 hours in any 12-month period for the purpose of reliability testing or in anticipation of imminent emergency condition. Emergency condition is failure of a regular power supply.  
(basis: Regulation 9-8-330.2)~~

## VI. Permit Conditions

- ~~2. The owner/operator may operate S31 for an unlimited amount of time for the purpose of providing emergency standby power during emergency condition (as defined in Part 1).  
——(basis: Regulation 9-8-330.1)~~
- ~~3. The owner/operator shall equip S31 with a non-resettable totalizing counter which records hours of operation for the generator. (basis: Regulation 9-8-530)~~
- ~~4. The owner/operator shall use diesel fuel the sulfur content of which shall not exceed 0.05% by weight. (basis: Regulation 9-1-304)~~
- ~~5. The owner/operator shall maintain the following monthly records in a District-approved log for at least 5 years and shall be made available to the District staff upon request:  
——1) total hours of operation for S31  
——2) hours of operation under emergency condition for S31 and a description of the nature of the emergency condition  
——3) fuel usage at S31  
——(basis :Regulation 9-8-530)~~

## VII. APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS

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

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

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD 8-5-303.1</u>	N		<u>PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)</u>	<u>BAAQMD 8-5-403 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-320.3.1</u>	N		<u>Gasket cover &lt; 0.32 cm (1/8 in) gap</u>	<u>BAAQMD 8-5-401.2 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-320.3.2</u>	N		<u>Inaccessible opening no visible gap</u>	<u>BAAQMD 8-5-401.2 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-320.4.2</u>	N		<u>Solid sampling or gauging wells in closed position with cover, seal or lid &lt; 0.32 cm (1/8 in)</u>	<u>BAAQMD</u> <u>8-5-401.2 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.4.3</u>	N		<u>Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-401.2 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.5.2</u>	N		<u>Slotted sampling or gauging wells in closed position with cover, seal or lid &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-401.2 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.5.3</u>	N		<u>Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-401.2 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.6</u>	N		<u>Emergency roof drain with slotted membrane fabric cover &gt; 90% opening area</u>	<u>BAAQMD</u> <u>8-5-401.2 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-321.1</u>	N		<u>No holes, tears or other openings in the primary seal fabric</u>	<u>BAAQMD</u> <u>8-5-401.1 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-321.2</u>	N		<u>Primary seal metallic shoe or liquid mounted type</u>	<u>BAAQMD</u> <u>8-5-401.1 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection</u> <u>Certification</u>



## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
<u>POC</u>	<u>BAAQMD 8-5-321.3</u>	<u>N</u>		<u>Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface</u>	<u>BAAQMD 8-5-401.1, 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection Certification</u>
<u>POC</u>	<u>BAAQMD 8-5-321.3.1</u>	<u>N</u>		<u>Gap between shoe and tank shell is no greater than 46 cm (18 in)</u>	<u>BAAQMD 8-5-401.1, 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection Certification</u>
<u>POC</u>	<u>BAAQMD 8-5-321.3.2</u>	<u>N</u>		<u>For welded tanks, gap between tank shell and the primary seal &lt; 3.8 cm (1 1/2 in). No continuous gap &gt; 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) &lt; 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) &lt; 40% of circumference</u>	<u>BAAQMD 8-5-401.1, 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection Certification</u>
<u>POC</u>	<u>BAAQMD 8-5-322.1</u>	<u>N</u>		<u>No holes, tears, or other openings</u>	<u>BAAQMD 8-5-401.1 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-322.2</u>	<u>N</u>		<u>Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width</u>	<u>BAAQMD</u> <u>8-5-401.1, &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection Certification</u>
POC	<u>BAAQMD</u> <u>8-5-322.3</u>	<u>N</u>		<u>Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-401.1, &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection Certification</u>
POC	<u>BAAQMD</u> <u>8-5-328.1</u>	<u>N</u>		<u>Tank &gt; 75 m<sup>3</sup>, Tank degassing 90% control, POC concentration &lt; 10,000 ppm</u>	<u>BAAQMD</u> <u>8-5-502</u>	<u>P/E</u>	<u>Source Test</u>
POC	<u>BAAQMD</u> <u>8-5-331.1</u>	<u>N</u>		<u>Cleaning agent: initial boiling point &gt;302 deg F, true vapor pressure &lt;0.5 psia, or VOC content &lt;50 g/l</u>	<u>N</u>	<u>N</u>	<u>Certification</u>
POC	<u>SIPBAAQMD</u> <u>8-5-303.1</u>	<u>Y</u>		<u>PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia) PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia)</u>	<u>SIPBAAQMD</u> <u>8-5-403 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection Certification</u>
POC	<u>SIPBAAQMD</u> <u>8-5-320.3.1</u>	<u>Y</u>		<u>Gasket cover ≤ 0.32 cm (1/8 in) gap</u>	<u>SIPBAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection Certification</u>
POC	<u>SIPBAAQMD</u> <u>8-5-320.3.2</u>	<u>Y</u>		<u>Inaccessible opening no visible gap</u>	<u>SIPBAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>SIPBAAQ MD</del> 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)	<del>SIPBAAQMD</del> 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	<del>SIPBAAQ MD</del> 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)	<del>SIPBAAQMD</del> 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	<del>SIPBAAQ MD</del> 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)	<del>SIPBAAQMD</del> 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	<del>SIPBAAQ MD</del> 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)	<del>SIPBAAQMD</del> 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	<del>SIPBAAQ MD</del> 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq$ 90% opening area	<del>SIPBAAQMD</del> 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	<del>SIPBAAQ MD</del> 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	<del>SIPBAAQMD</del> 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	<del>SIPBAAQ MD</del> 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	<del>SIPBAAQMD</del> 8-5-402.1 & 8-5-404	P/10 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>SIPBAAQMD</del> 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	<del>SIPBAAQMD</del> 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>SIPBAAQMD</del> 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	<del>SIPBAAQMD</del> 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>SIPBAAQMD</del> 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	<del>SIPBAAQMD</del> 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>SIPBAAQMD</del> 8-5-322.1	Y		No holes, tears, or other openings	<del>SIPBAAQMD</del> 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	<del>SIPBAAQMD</del> 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width	<del>SIPBAAQMD</del> 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>SIP</u> <del>BAAQMD</del> 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	<del>SIPBAAQMD</del> 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<u>SIP</u> <del>BAAQMD</del> 8-5-328.1.1	Y		Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None
POC	<u>SIP</u> <del>BAAQMD</del> 8-5-328.1.2	Y		Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration $< 10,000 \text{ ppm}$	<del>SIPBAAQMD</del> 8-5-502	P/A	Source Test
POC	<u>40 CFR</u> <u>63.11087</u> (a)	<u>Y</u>	<u>1/10/2011</u>		<u>40 CFR</u> <u>63.11092(e)(2)</u>	<u>P/E, 60</u> <u>days/ 1 yr/5</u> <u>yrs/10 yrs</u>	<u>Visual</u> <u>Inspection,</u> <u>Recordkeeping</u>
Material throughput limit	BAAQMD Condition #5531, part 1	Y		3,175,200 gallons/yr (each tank)	BAAQMD Condition #5531, part 2	P/M	Record keeping

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-303.1</u>	N		PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)	<u>BAAQMD</u> <u>8-5-403 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u>  <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.3.1</u>	N		Gasket cover < 0.32 cm (1/8 in) gap	<u>BAAQMD</u> <u>8-5-401.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u>  <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.3.2</u>	N		Inaccessible opening no visible gap	<u>BAAQMD</u> <u>8-5-401.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u>  <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.4.2</u>	N		Solid sampling or gauging wells in closed position with cover, seal or lid < 0.32 cm (1/8 in)	<u>BAAQMD</u> <u>8-5-401.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u>  <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.4.3</u>	N		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured < 1.3 cm (1/2 in)	<u>BAAQMD</u> <u>8-5-401.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u>  <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.5.2</u>	N		Slotted sampling or gauging wells in closed position with cover, seal or lid < 1.3 cm (1/2 in)	<u>BAAQMD</u> <u>8-5-401.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u>  <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD 8-5-320.5.3</u>	N		<u>Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD 8-5-401.2 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-320.6</u>	N		<u>Emergency roof drain with slotted membrane fabric cover &gt; 90% opening area</u>	<u>BAAQMD 8-5-401.2 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-321.1</u>	N		<u>No holes, tears or other openings in the primary seal fabric</u>	<u>BAAQMD 8-5-401.1 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-321.2</u>	N		<u>Primary seal metallic shoe or liquid mounted type</u>	<u>BAAQMD 8-5-401.1 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-321.3</u>	N		<u>Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface</u>	<u>BAAQMD 8-5-401.1, &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-321.3.1</u>	N		<u>Gap between shoe and tank shell is no greater than 46 cm (18 in)</u>	<u>BAAQMD 8-5-401.1, &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD 8-5-321.3.2</u>	N		<u>For welded tanks, gap between tank shell and the primary seal &lt; 3.8 cm (1 1/2 in). No continuous gap &gt; 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) &lt; 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) &lt; 40% of circumference</u>	<u>BAAQMD 8-5-401.1, 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection Certification</u>
POC	<u>BAAQMD 8-5-322.1</u>	N		<u>No holes, tears, or other openings</u>	<u>BAAQMD 8-5-401.1 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection Certification</u>
POC	<u>BAAQMD 8-5-322.2</u>	N		<u>Secondary seal shall allow insertion up to 3.8 cm (1½ in) in width</u>	<u>BAAQMD 8-5-401.1, &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection Certification</u>
POC	<u>BAAQMD 8-5-322.3</u>	N		<u>Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)</u>	<u>BAAQMD 8-5-401.1, &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection Certification</u>
POC	<u>BAAQMD 8-5-328.1</u>	N		<u>Tank &gt; 75 m<sup>3</sup>, Tank degassing 90% control. POC concentration &lt; 10,000 ppm</u>	<u>BAAQMD 8-5-502</u>	<u>P/E</u>	<u>Source Test</u>



## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> 8-5-331.1	N		<u>Cleaning agent: initial boiling point &gt;302 deg F, true vapor pressure &lt;0.5 psia, or VOC content &lt;50 g/l</u>	N	N	<u>Certification</u>
POC	<u>SIP</u> <del>BAAQMD</del> 8-5-303.1	Y		<u>PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia) PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia)</u>	<del>SIPBAAQM</del> D 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<u>SIP</u> <del>BAAQMD</del> 8-5-320.3.1	Y		Gasket cover ≤ 0.32 cm (1/8 in) gap	<del>SIPBAAQM</del> D 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<u>SIP</u> <del>BAAQMD</del> 8-5-320.3.2	Y		Inaccessible opening no visible gap	<del>SIPBAAQM</del> D 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<u>SIP</u> <del>BAAQMD</del> 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)	<del>SIPBAAQM</del> D 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<u>SIP</u> <del>BAAQMD</del> 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)	<del>SIPBAAQM</del> D 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>SIP</u> <del>BAAQMD</del> 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)	<del>SIPBAAQM</del> D 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<u>SIP</u> <del>BAAQMD</del> 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)	<del>SIPBAAQM</del> D 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<u>SIP</u> <del>BAAQMD</del> 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq$ 90% opening area	<del>SIPBAAQM</del> D 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<u>SIP</u> <del>BAAQMD</del> 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	<del>SIPBAAQM</del> D 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<u>SIPBAAQ</u> <del>MD</del> 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	<del>SIPBAAQM</del> D 8-5-402.1 & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<u>SIP</u> <del>BAAQMD</del> 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	<del>SIPBAAQM</del> D 8-5-401, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> <u>SIP</u> 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	<del>SIPBAAQMD</del> <u>P</u> 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> <u>SIP</u> 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	<del>SIPBAAQMD</del> <u>P</u> 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> <u>SIP</u> 8-5-322.1	Y		No holes, tears, or other openings	<del>SIPBAAQMD</del> <u>P</u> 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> <u>SIP</u> 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1½ in) in width	<del>BAAQMDSI</del> <u>P</u> 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> <u>SIP</u> 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	<del>BAAQMDSI</del> <u>P</u> 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-328.1.1	Y		Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None
POC	<del>BAAQMD</del> SIP 8-5-328.1.2	Y		Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration $< 10,000 \text{ ppm}$	<del>BAAQMD</del> SI P 8-5-502	P/A	Source Test
POC	<u>40 CFR</u> <u>63.11087</u> <u>(a)</u>	<u>Y</u>	<u>1/10/2011</u>		<u>40 CFR</u> <u>63.11092(e)(2)</u> <u>)</u>	<u>P/E, 60</u> <u>days/ 1 yr/5</u> <u>yrs/10 yrs</u>	<u>Visual</u> <u>Inspection,</u> <u>Recordkeeping</u>
Material throughput limit	BAAQMD Condition #13143, part 9	Y		Gasoline: 1,400 million gallons/yr; Jet/Kerosene: 352 million gallons/yr	BAAQMD Condition ID#13143, part 11	P/Daily	Record keeping
Temperature	BAAQMD Condition #13143, part 3	Y		1200 degree Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record keeping
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.8%	BAAQMD Condition #13143, part 7	P/Annual	Source Test and Recordkeeping

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-303.1</u>	N		<u>PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)</u>	<u>BAAQMD</u> <u>8-5-403 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.3.1</u>	N		<u>Gasket cover &lt; 0.32 cm (1/8 in) gap</u>	<u>BAAQMD</u> <u>8-5-401.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.3.2</u>	N		<u>Inaccessible opening no visible gap</u>	<u>BAAQMD</u> <u>8-5-401.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.4.2</u>	N		<u>Solid sampling or gauging wells in closed position with cover, seal or lid &lt; 0.32 cm (1/8 in)</u>	<u>BAAQMD</u> <u>8-5-401.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.4.3</u>	N		<u>Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-401.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.5.2</u>	N		<u>Slotted sampling or gauging wells in closed position with cover, seal or lid &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-401.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-320.5.3</u>	N		<u>Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-401.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.6</u>	N		<u>Emergency roof drain with slotted membrane fabric cover &gt; 90% opening area</u>	<u>BAAQMD</u> <u>8-5-401.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-321.1</u>	N		<u>No holes, tears or other openings in the primary seal fabric</u>	<u>BAAQMD</u> <u>8-5-401.1 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-321.2</u>	N		<u>Primary seal metallic shoe or liquid mounted type</u>	<u>BAAQMD</u> <u>8-5-401.1</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-321.3</u>	N		<u>Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface</u>	<u>BAAQMD</u> <u>8-5-401.1,</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-321.3.1</u>	N		<u>Gap between shoe and tank shell is no greater than 46 cm (18 in)</u>	<u>BAAQMD</u> <u>8-5-401.1,</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD 8-5-321.3.2</u>	N		<u>For welded tanks, gap between tank shell and the primary seal &lt; 3.8 cm (1 1/2 in). No continuous gap &gt; 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) &lt; 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) &lt; 40% of circumference</u>	<u>BAAQMD 8-5-401.1, 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection Certification</u>
POC	<u>BAAQMD 8-5-322.1</u>	N		<u>No holes, tears, or other openings</u>	<u>BAAQMD 8-5-401.1 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection Certification</u>
POC	<u>BAAQMD 8-5-322.2</u>	N		<u>Secondary seal shall allow insertion up to 3.8 cm (1½ in) in width</u>	<u>BAAQMD 8-5-401.1, &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection Certification</u>
POC	<u>BAAQMD 8-5-322.3</u>	N		<u>Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)</u>	<u>BAAQMD 8-5-401.1, &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD 8-5-328.1</u>	N		Tank > 75 m <sup>3</sup> , Tank degassing 90% control, POC concentration < 10,000 ppm	<u>BAAQMD 8-5-502</u>	<u>P/E</u>	<u>Source Test</u>
POC	<u>BAAQMD 8-5-331.1</u>	N		Cleaning agent: initial boiling point >302 deg F, true vapor pressure <0.5 psia, or VOC content <50 g/l	<u>N</u>	<u>N</u>	<u>Certification</u>
POC	<del>BAAQMD</del> <u>SIP 8-5-303.1</u>	Y		<u>PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)</u> <del>PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia)</del>	<del>BAAQMD</del> <u>SIP 8-5-403 &amp; 8-5-404</u>	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> <u>SIP 8-5-320.3.1</u>	Y		Gasket cover ≤ 0.32 cm (1/8 in) gap	<del>BAAQMD</del> <u>SIP 8-5-402.3 &amp; 8-5-404</u>	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> <u>SIP 8-5-320.3.2</u>	Y		Inaccessible opening no visible gap	<del>BAAQMD</del> <u>SIP 8-5-402.3 &amp; 8-5-404</u>	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> <u>SIP 8-5-320.4.2</u>	Y		Solid sampling or gauging wells in closed position with cover, seal or lid ≤ 0.32 cm (1/8 in)	<del>BAAQMD</del> <u>SIP 8-5-402.3 &amp; 8-5-404</u>	P/twice per year at 4 to 8 months intervals	Inspection Certification



## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq 90\%$ opening area	<del>BAAQMD</del> SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	<del>BAAQMD</del> SIP 8-5-402.1 & 8-5-404	P/10 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> 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	<del>BAAQMD</del> SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	<del>BAAQMD</del> SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> 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	<del>BAAQMD</del> SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-322.1	Y		No holes, tears, or other openings	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> <u>SIP 8-5-322.2</u>	Y		Secondary seal shall allow insertion up to 3.8 cm (1½ in) in width	<del>BAAQMD</del> <u>SIP</u> 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> <u>SIP 8-5-322.3</u>	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	<del>BAAQMD</del> <u>SIP</u> 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> <u>SIP 8-5-328.1.1</u>	Y		Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None
POC	<del>BAAQMD</del> <u>SIP 8-5-328.1.2</u>	Y		Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration < 10,000 ppm	<del>BAAQMD</del> <u>SIP</u> 8-5-502	P/A	Source Test
<u>POC</u>	<u>40 CFR</u> <u>63.11087</u> <u>(a)</u>	<u>Y</u>	<u>1/10/2011</u>		<u>40 CFR</u> <u>63.11092(e)(2)</u>	<u>P/E. 60</u> <u>days/ 1 yr/5</u> <u>yrs/10 yrs</u>	<u>Visual</u> <u>Inspection,</u> <u>Recordkeeping</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-303.1</u>	N		<u>PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)</u>	<u>BAAQMD</u> <u>8-5-403 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.3.1</u>	N		<u>Gasket cover &lt; 0.32 cm (1/8 in) gap</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.3.2</u>	N		<u>Inaccessible opening no visible gap</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.4.2</u>	N		<u>Solid sampling or gauging wells in closed position with cover, seal or lid &lt; 0.32 cm (1/8 in)</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.4.3</u>	N		<u>Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.5.3</u>	N		<u>Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-320.6</u>	N		<u>Emergency roof drain with slotted membrane fabric cover &gt; 90% opening area</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-321.1</u>	N		<u>No holes, tears or other openings in the primary seal fabric</u>	<u>BAAQMD</u> <u>8-5-402.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-321.2</u>	N		<u>Primary seal metallic shoe or liquid mounted type</u>	<u>BAAQMD</u> <u>8-5-402.1</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-321.3</u>	N		<u>Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface</u>	<u>BAAQMD</u> <u>8-5-402.1,</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-321.3.1</u>	N		<u>Gap between shoe and tank shell is no greater than 46 cm (18 in)</u>	<u>BAAQMD</u> <u>8-5-402.1,</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-321.3.2</u>	N		<u>For welded tanks, gap between tank shell and the primary seal &lt; 3.8 cm (1 1/2 in). No continuous gap &gt; 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) &lt; 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) &lt; 40% of circumference</u>	<u>BAAQMD</u> <u>8-5-402.1,</u> <u>8-5- 404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-322.1</u>	N		<u>No holes, tears, or other openings</u>	<u>BAAQMD</u> <u>8-5-402.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-322.2</u>	N		<u>Secondary seal shall allow insertion up to 3.8 cm (1½ in) in width</u>	<u>BAAQMD</u> <u>8-5-402, &amp;</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> 8-5-322.3	N		<u>Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in); cumulative length of seal gaps exceeding 0.32 cm (1/8 in.) shall be no more than 5% of the tank circumference</u>	<u>BAAQMD</u> 8-5-402.1, & 8-5-404	P/10 yr P/10 yr	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> 8-5-328.1	N		<u>Tank &gt; 75 m<sup>3</sup>, Tank cleaning 90% control, POC concentration &lt; 10,000 ppm</u>	<u>BAAQMD</u> 8-5-502	P/E	<u>Source Test</u>
POC	<u>BAAQMD</u> 8-5-331.1	N		<u>Cleaning agent: initial boiling point &gt;302 deg F, true vapor pressure &lt;0.5 psia, or VOC content &lt;50 g/l</u>	N	N	<u>Certification</u>
POC	<del>BAAQMD</del> <u>SIP</u> 8-5-303.1	Y		<u>PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia) PSV set within 10% of maximum pressure or 25.8 mmHg (0.5 psia</u>	<del>BAAQMD</del> <u>SIP</u> 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months intervals	<u>Inspection</u> <u>Certification</u>
POC	<del>BAAQMD</del> <u>SIP</u> 8-5-320.3.1	Y		Gasket cover ≤ 0.32 cm (1/8 in) gap	<del>BAAQMD</del> <u>SIP</u> 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-320.3.2	Y		Inaccessible opening no visible gap	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq$ 90% opening area	<del>BAAQMD</del> SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification



## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	<del>BAAQMD</del> SIP 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> 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	<del>BAAQMD</del> SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	<del>BAAQMD</del> SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> 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	<del>BAAQMD</del> SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-322.1	Y		No holes, tears, or other openings	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1½ in) in width	<del>BAAQMD</del> SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	<del>BAAQMD</del> SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

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

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-328.1.1	Y		Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None
POC	<del>BAAQMD</del> SIP 8-5-328.1.2	Y		Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration $< 10,000 \text{ ppm}$	<del>BAAQMD</del> SIP 8-5-502	P/A	Source Test
POC	40 CFR 63.11087 (a)	Y	1/10/2011		40 CFR 63.11092(e)(1)	P/E, 1 or 5 or 10 yrs	Visual Inspection, Recordkeeping
Total Material throughput limit	BAAQMD Condition #13143, part 9	Y		1,400 MM gallons/yr of gasoline and 352 MM gallons/yr of Jet/Kerosene	BAAQMD Condition #13143, part 11	P/Daily	Record Keeping
Temperature	BAAQMD Condition #13143, part 3	Y		1200 degree Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record Keeping
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.8%	BAAQMD Condition #13143, part 7	P/Annual	Source Test, Record Keeping

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
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## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-303.1</u>	N		<u>PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)</u>	<u>BAAQMD</u> <u>8-5-403 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.3.1</u>	N		<u>Gasket cover &lt; 0.32 cm (1/8 in) gap</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.3.2</u>	N		<u>Inaccessible opening no visible gap</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.4.2</u>	N		<u>Solid sampling or gauging wells in closed position with cover, seal or lid &lt; 0.32 cm (1/8 in)</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.4.3</u>	N		<u>Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD 8-5-320.5.3</u>	N		<u>Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD 8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-320.6</u>	N		<u>Emergency roof drain with slotted membrane fabric cover &gt; 90% opening area</u>	<u>BAAQMD 8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-321.1</u>	N		<u>No holes, tears or other openings in the primary seal fabric</u>	<u>BAAQMD 8-5-402.2 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-321.2</u>	N		<u>Primary seal metallic shoe or liquid mounted type</u>	<u>BAAQMD 8-5-402.1 &amp; 8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-321.3</u>	N		<u>Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface</u>	<u>BAAQMD 8-5-402.1, &amp; 8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
<u>POC</u>	<u>BAAQMD</u> <u>8-5-321.3.1</u>	<u>N</u>		<u>Gap between shoe and tank shell is no greater than 46 cm (18 in)</u>	<u>BAAQMD</u> <u>8-5-402.1,</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
<u>POC</u>	<u>BAAQMD</u> <u>8-5-321.3.2</u>	<u>N</u>		<u>For welded tanks, gap between tank shell and the primary seal &lt; 3.8 cm (1 1/2 in). No continuous gap &gt; 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) &lt; 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) &lt; 40% of circumference</u>	<u>BAAQMD</u> <u>8-5-402.1,</u> <u>8-5- 404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
<u>POC</u>	<u>BAAQMD</u> <u>8-5-322.1</u>	<u>N</u>		<u>No holes, tears, or other openings</u>	<u>BAAQMD</u> <u>8-5-402.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-322.2</u>	N		<u>Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width</u>	<u>BAAQMD</u> <u>8-5-402.1, &amp; 8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-322.3</u>	N		<u>Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-402.1, &amp; 8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-328.1</u>	N		<u>Tank &gt; 75 m<sup>3</sup>, Tank cleaning 90% control, POC concentration &lt; 10,000 ppm</u>	<u>BAAQMD</u> <u>8-5-502</u>	<u>P/E</u>	<u>Source Test</u>
POC	<u>BAAQMD</u> <u>8-5-331.1</u>	N		<u>Cleaning agent: initial boiling point &gt;302 deg F, true vapor pressure &lt;0.5 psia, or VOC content &lt;50 g/l</u>	<u>N</u>	<u>N</u>	<u>Certification</u>
POC	<del>BAAQMD</del> <u>SIP</u> <u>8-5-303.1</u>	Y		<u>PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia) PSV set within 10% of maximum pressure or 25.8 mmHg (0.5 psia</u>	<del>BAAQMD</del> <u>SIP</u> <u>8-5-403 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-320.3.1	Y		Gasket cover < 0.32 cm (1/8 in) gap	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-320.3.2	Y		Inaccessible opening no visible gap	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification



## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq$ 90% opening area	<del>BAAQMD</del> SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	<del>BAAQMD</del> SIP 8-5-402.1 & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> 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	<del>BAAQMD</del> SIP 8-5-401, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

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

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	<del>BAAQMD</del> SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> 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	<del>BAAQMD</del> SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-322.1	Y		No holes, tears, or other openings	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	<del>BAAQMD</del> SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	<del>BAAQMD</del> SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-328.1.1	Y		Tank ≥ 75 m <sup>3</sup> , tank cleaning shall have liquid balancing with ≤ 0.5 psia	None	N	None
POC	<del>BAAQMD</del> SIP 8-5-328.1.2	Y		Tank ≥ 75 m <sup>3</sup> , Tank cleaning 90% control, POC concentration < 10,000 ppm	<del>BAAQMD</del> SIP 8-5-502	P/A	Source Test
<u>POC</u>	<u>40 CFR 63.11087 (a)</u>	<u>Y</u>	<u>1/10/2011</u>		<u>40 CFR 63.11092(e)(1)</u>	<u>P/E, 1 or 5 or 10 yrs</u>	<u>Visual Inspection, Recordkeeping</u>
Total Material throughput limit	BAAQMD Condition #13143, part 10	Y		<del>353,808,000</del> <u>504,000,000</u> gallons/yr	BAAQMD Condition #13143, part 11	P/Daily	Record Keeping
Temperature	BAAQMD Condition #13143, part 3	Y		1200 degree Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record Keeping

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.8%	BAAQMD Condition #13143, part 7	P/Annual	Source Test, Record Keeping

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
<u>POC</u>	<u>BAAQMD 8-5-303.1</u>	<u>N</u>		<u>PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)</u>	<u>BAAQMD 8-5-403 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
<u>POC</u>	<u>BAAQMD 8-5-320.3.1</u>	<u>N</u>		<u>Gasket cover &lt; 0.32 cm (1/8 in) gap</u>	<u>BAAQMD 8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
<u>POC</u>	<u>BAAQMD 8-5-320.3.2</u>	<u>N</u>		<u>Inaccessible opening no visible gap</u>	<u>BAAQMD 8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
<u>POC</u>	<u>BAAQMD 8-5-320.4.2</u>	<u>N</u>		<u>Solid sampling or gauging wells in closed position with cover, seal or lid &lt; 0.32 cm (1/8 in)</u>	<u>BAAQMD 8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD 8-5-320.4.3</u>	N		<u>Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD 8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-320.5.3</u>	N		<u>Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD 8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-320.6</u>	N		<u>Emergency roof drain with slotted membrane fabric cover &gt; 90% opening area</u>	<u>BAAQMD 8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-321.1</u>	N		<u>No holes, tears or other openings in the primary seal fabric</u>	<u>BAAQMD 8-5-402.2 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-321.2</u>	N		<u>Primary seal metallic shoe or liquid mounted type</u>	<u>BAAQMD 8-5-402.1 &amp; 8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>

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

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
<u>POC</u>	<u>BAAQMD 8-5-321.3</u>	<u>N</u>		<u>Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface</u>	<u>BAAQMD 8-5-402.1, 8-5-404</u>	<u>P/10 yr P/10 yr</u>	<u>Inspection Certification</u>
<u>POC</u>	<u>BAAQMD 8-5-321.3.1</u>	<u>N</u>		<u>Gap between shoe and tank shell is no greater than 46 cm (18 in)</u>	<u>BAAQMD 8-5-402.1, 8-5-404</u>	<u>P/10 yr P/10 yr</u>	<u>Inspection Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
<u>POC</u>	<u>BAAQMD</u> <u>8-5-321.3.2</u>	<u>N</u>		<u>For welded tanks, gap between tank shell and the primary seal &lt; 3.8 cm (1 1/2 in). No continuous gap &gt; 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) &lt; 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) &lt; 40% of circumference</u>	<u>BAAQMD</u> <u>8-5-402.1,</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
<u>POC</u>	<u>BAAQMD</u> <u>8-5-322.1</u>	<u>N</u>		<u>No holes, tears, or other openings</u>	<u>BAAQMD</u> <u>8-5-402.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per</u> <u>year at 4 to 8</u> <u>months</u> <u>intervals</u>	<u>Inspection</u> <u>Certification</u>
<u>POC</u>	<u>BAAQMD</u> <u>8-5-322.2</u>	<u>N</u>		<u>Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width</u>	<u>BAAQMD</u> <u>8-5-402.1, &amp;</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-322.3</u>	N		<u>Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-402.1, &amp;</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-328.1</u>	N		<u>Tank &gt; 75 m<sup>3</sup>.</u> <u>Tank cleaning</u> <u>90% control.</u> <u>POC</u> <u>concentration &lt;</u> <u>10,000 ppm</u>	<u>BAAQMD</u> <u>8-5-502</u>	<u>P/E</u>	<u>Source Test</u>
POC	<u>BAAQMD</u> <u>8-5-331.1</u>	N		<u>Cleaning agent:</u> <u>initial boiling</u> <u>point &gt;302 deg F.</u> <u>true vapor</u> <u>pressure &lt;0.5</u> <u>psia, or VOC</u> <u>content &lt;50 g/l</u>	<u>N</u>	<u>N</u>	<u>Certification</u>
POC	<del>BAAQMD</del> <u>SIP</u> <u>8-5-303.1</u>	Y		<u>PVV set to either</u> <u>at least 90% of</u> <u>max allowable</u> <u>working pressure</u> <u>or 25.8 mmHg</u> <u>(0.5 psia) PSV set</u> <u>within 10% of</u> <u>maximum</u> <u>pressure or 25.8</u> <u>mmHg (0.5 psia</u>	<del>BAAQMD</del> <u>SIP</u> <u>8-5-403 &amp;</u> <u>8-5-404</u>	<u>P/twice per</u> <u>year at 4 to 8</u> <u>months</u> <u>intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<del>BAAQMD</del> <u>SIP</u> <u>8-5-</u> <u>320.3.1</u>	Y		<u>Gasket cover ≤</u> <u>0.32 cm (1/8 in)</u> <u>gap</u>	<del>BAAQMD</del> <u>SIP</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per</u> <u>year at 4 to 8</u> <u>months</u> <u>intervals</u>	<u>Inspection</u> <u>Certification</u>



## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-320.3.2	Y		Inaccessible opening no visible gap	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover ≥ 90% opening area	<del>BAAQMD</del> SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	<del>BAAQMD</del> SIP 8-5-402.1 & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> 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	<del>BAAQMD</del> SIP 8-5-401, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	<del>BAAQMD</del> SIP 8-5-401, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

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

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> 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	<del>BAAQMD</del> SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-322.1	Y		No holes, tears, or other openings	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width	<del>BAAQMD</del> SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	<del>BAAQMD</del> SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-328.1.1	Y		Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None
POC	<del>BAAQMD</del> SIP 8-5-328.1.2	Y		Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration $< 10,000 \text{ ppm}$	<del>BAAQMD</del> SIP 8-5-502	P/A	Source Test
POC	40 CFR <u>63.11087</u> (a)	Y	1/10/2011		40 CFR <u>63.11092(e)(1)</u>	P/E, 1 or 5 or 10 yrs	Visual Inspection, Recordkeeping
Total Material throughput limit	BAAQMD Condition #13143, part 9	Y		1,400 MM gallons/yr of gasoline and 352 MM gallons/yr of Jet/Kerosene	BAAQMD Condition #13143, part 11	P/Daily	Record Keeping
Temperature	BAAQMD Condition #13143, part 3	Y		1200 degree Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record Keeping
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.8%	BAAQMD Condition #13143, part 7	P/Annual	Source Test, Record Keeping

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	40 CFR 60.112b (a)(1)	Y			40 CFR 60.115b(a)(1)	P/E	Initial Report
	40 CFR 60.113b (a)(1)				40 CFR 60.115b(a)(2)	P/E	Visual Inspection, Record keeping
POC	40 CFR 60.113b (a)(1)	Y			40 CFR 60.115b(a)(2)	P/E	Visual Inspection, Record keeping
POC	40 CFR 60.113b (a)(2)	Y			40 CFR 60.115b(a)(3)	P/12-month	Visual Inspection, Record keeping and reporting
POC	40 CFR 60.113b (a)(1)	Y			40 CFR 60.115b(a)(2)	P/E	Visual Inspection, Record keeping
Liquid Stored		Y		>0.5 psia	40 CFR 60.116b(e)	P/D	Record keeping
True vapor pressure		Y			40 CFR 60.116b(e)	P/D	Record keeping
True vapor pressure		Y		>0.74 psia	40 CFR 60.116b(d)	P/D	Notify
POC	<u>BAAQMD 8-5-303.1</u>	N		<u>PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)</u>	<u>BAAQMD 8-5-403 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-320.3.1</u>	N		<u>Gasket cover &lt; 0.32 cm (1/8 in) gap</u>	<u>BAAQMD 8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months interval</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-320.3.2</u>	N		Inaccessible opening no visible gap	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	P/twice per year at 4 to 8 months intervals	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.4.2</u>	N		Solid sampling or gauging wells in closed position with cover, seal or lid < 0.32 cm (1/8 in)	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	P/twice per year at 4 to 8 months intervals	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.4.3</u>	N		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured < 1.3 cm (1/2 in)	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	P/twice per year at 4 to 8 months intervals	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.5.3</u>	N		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured < 1.3 cm (1/2 in)	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	P/twice per year at 4 to 8 months intervals	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.6</u>	N		Emergency roof drain with slotted membrane fabric cover > 90% opening area	<u>BAAQMD</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	P/twice per year at 4 to 8 months intervals	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-321.1</u>	N		No holes, tears or other openings in the primary seal fabric	<u>BAAQMD</u> <u>8-5-402.2 &amp;</u> <u>8-5-404</u>	P/twice per year at 4 to 8 months intervals	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-321.2</u>	N		<u>Primary seal</u> <u>metallic shoe or</u> <u>liquid mounted</u> <u>type</u>	<u>BAAQMD</u> <u>8-5-402.1</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-321.3</u>	N		<u>Primary seal</u> <u>metallic shoe</u> <u>extends minimum</u> <u>61 cm (24 in) for</u> <u>external floating</u> <u>and 18 in for</u> <u>internal Floating</u> <u>Roof tank above</u> <u>liquid surface</u>	<u>BAAQMD</u> <u>8-5-402.1,</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-321.3.1</u>	N		<u>Gap between</u> <u>shoe and tank</u> <u>shell is no greater</u> <u>than 46 cm (18</u> <u>in)</u>	<u>BAAQMD</u> <u>8-5-402.1,</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-321.3.2</u>	N		<u>For welded tanks, gap between tank shell and the primary seal &lt; 3.8 cm (1 1/2 in). No continuous gap &gt; 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) &lt; 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) &lt; 40% of circumference</u>	<u>BAAQMD</u> <u>8-5-402.1,</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-322.1</u>	N		<u>No holes, tears, or other openings</u>	<u>BAAQMD</u> <u>8-5-402.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per</u> <u>year at 4 to 8</u> <u>months</u> <u>intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-322.2</u>	N		<u>Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width</u>	<u>BAAQMD</u> <u>8-5-402.1, &amp;</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>



## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-322.3</u>	N		<u>Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-402.1, &amp;</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-328.1.2</u>	N		<u>Tank &gt; 75 m<sup>3</sup>.</u> <u>Tank cleaning</u> <u>90% control.</u> <u>POC</u> <u>concentration &lt;</u> <u>10,000 ppm</u>	<u>BAAQMD</u> <u>8-5-502</u>	<u>P/E</u>	<u>Source Test</u>
POC	<u>BAAQMD</u> <u>8-5-331.1</u>	N		<u>Cleaning agent:</u> <u>initial boiling</u> <u>point &gt;302 deg F.</u> <u>true vapor</u> <u>pressure &lt;0.5</u> <u>psia, or VOC</u> <u>content &lt;50 g/l</u>	<u>N</u>	<u>N</u>	<u>Certification</u>
POC	<del>BAAQMD</del> <u>SIP</u> <u>8-5-303.1</u>	Y		<u>PVV set to either</u> <u>at least 90% of</u> <u>max allowable</u> <u>working pressure</u> <u>or 25.8 mmHg</u> <u>(0.5 psia)</u> <del>PSV set</del> <u>within 10% of</u> <u>maximum</u> <u>pressure or 25.8</u> <u>mmHg (0.5 psia</u>	<del>BAAQMD</del> <u>SIP</u> <u>8-5-403 &amp;</u> <u>8-5-404</u>	<u>P/twice per</u> <u>year at 4 to 8</u> <u>months</u> <u>interval</u>	<u>Inspection</u> <u>Certification</u>
POC	<del>BAAQMD</del> <u>SIP</u> <u>8-5-</u> <u>320.3.1</u>	Y		<u>Gasket cover ≤</u> <u>0.32 cm (1/8 in)</u> <u>gap</u>	<del>BAAQMD</del> <u>SIP</u> <u>8-5-402.3 &amp;</u> <u>8-5-404</u>	<u>P/twice per</u> <u>year at 4 to 8</u> <u>months</u> <u>interval</u>	<u>Inspection</u> <u>Certification</u>

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

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-320.3.2	Y		Inaccessible opening no visible gap	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification

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

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover ≥ 90% opening area	<del>BAAQMD</del> SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	<del>BAAQMD</del> SIP 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> 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	<del>BAAQMD</del> SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	<del>BAAQMD</del> SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

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

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> 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	<del>BAAQMD</del> SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-322.1	Y		No holes, tears, or other openings	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width	<del>BAAQMD</del> SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	<del>BAAQMD</del> SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-328.1.1	Y		Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None
POC	<del>BAAQMD</del> SIP 8-5-328.1.2	Y		Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration $< 10,000 \text{ ppm}$	<del>BAAQMD</del> SIP 8-5-502	P/A	Source Test
POC	<u>40 CFR 60.112b (a)(1)</u>	<u>Y</u>			<u>40 CFR 60.115b(a)(1)</u>	<u>P/E</u>	<u>Initial Report</u>
POC	<u>40 CFR 60.113b (a)(1)</u>	<u>Y</u>			<u>40 CFR 60.115b(a)(2)</u>	<u>P/E</u>	<u>Visual Inspection, Record keeping</u>
POC	<u>40 CFR 60.113b (a)(2)</u>	<u>Y</u>			<u>40 CFR 60.115b(a)(3)</u>	<u>P/12 month</u>	<u>Visual Inspection, Record keeping and reporting</u>
<u>Liquid Stored</u>		<u>Y</u>		<u><math>&gt;0.5 \text{ psia}</math></u>	<u>40 CFR 60.116b(c)</u>	<u>P/D</u>	<u>Record keeping</u>
<u>True vapor pressure</u>		<u>Y</u>			<u>40 CFR 60.116b(c)</u>	<u>P/D</u>	<u>Record keeping</u>
<u>True vapor pressure</u>		<u>Y</u>		<u><math>&gt;0.74 \text{ psia}</math></u>	<u>40 CFR 60.116b(d)</u>	<u>P/D</u>	<u>Notify</u>

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

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>40 CFR 63.11087 (a)</u>	<u>Y</u>	<u>1/10/2011</u>		<u>40 CFR 63.11092(e)(1)</u>	<u>P/E, 1 or 5 or 10 yrs</u>	<u>Visual Inspection, Recordkeeping</u>
Total Material throughput limit	BAAQMD Condition #13143, part 9	Y		1,400 MM gallons/yr of gasoline and 352 MM gallons/yr of Jet/Kerosene (for S12)	BAAQMD Condition #13143, part 11	P/Daily	Record Keeping
Temperature	BAAQMD Condition #13143, part 3	Y		1200 degrees Fahrenheit	BAAQMD Condition #13143, part 4, 5, 6	C	Record Keeping
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.8%	BAAQMD Condition #13143, part 7	P/Annual	Source Test, Record Keeping

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD 8-5-303.1</u>	<u>N</u>		<u>PVV set to either at least 90% of max allowable working pressure or 25.8 mmHg (0.5 psia)</u>	<u>BAAQMD 8-5-403 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-320.3.1</u>	N		<u>Gasket cover &lt; 0.32 cm (1/8 in) gap</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.3.2</u>	N		<u>Inaccessible opening no visible gap</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.4.2</u>	N		<u>Solid sampling or gauging wells in closed position with cover, seal or lid &lt; 0.32 cm (1/8 in)</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.4.3</u>	N		<u>Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.5.3</u>	N		<u>Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured &lt; 1.3 cm (1/2 in)</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD</u> <u>8-5-320.6</u>	N		<u>Emergency roof drain with slotted membrane fabric cover &gt; 90% opening area</u>	<u>BAAQMD</u> <u>8-5-402.3 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
<u>POC</u>	<u>BAAQMD</u> <u>8-5-321.1</u>	<u>N</u>		<u>No holes, tears or other openings in the primary seal fabric</u>	<u>BAAQMD</u> <u>8-5-402.2 &amp;</u> <u>8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
<u>POC</u>	<u>BAAQMD</u> <u>8-5-321.2</u>	<u>N</u>		<u>Primary seal metallic shoe or liquid mounted type</u>	<u>BAAQMD</u> <u>8-5-402.1</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
<u>POC</u>	<u>BAAQMD</u> <u>8-5-321.3</u>	<u>N</u>		<u>Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface</u>	<u>BAAQMD</u> <u>8-5-402.1,</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
<u>POC</u>	<u>BAAQMD</u> <u>8-5-321.3.1</u>	<u>N</u>		<u>Gap between shoe and tank shell is no greater than 46 cm (18 in)</u>	<u>BAAQMD</u> <u>8-5-402.1,</u> <u>8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>



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

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD 8-5-321.3.2</u>	N		<u>For welded tanks, gap between tank shell and the primary seal &lt; 3.8 cm (1 1/2 in). No continuous gap &gt; 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) &lt; 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) &lt; 40% of circumference</u>	<u>BAAQMD 8-5-402.1, 8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-322.1</u>	N		<u>No holes, tears, or other openings</u>	<u>BAAQMD 8-5-402.2 &amp; 8-5-404</u>	<u>P/twice per year at 4 to 8 months intervals</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-322.2</u>	N		<u>Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width</u>	<u>BAAQMD 8-5-402.1, &amp; 8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>
POC	<u>BAAQMD 8-5-322.3</u>	N		<u>Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)</u>	<u>BAAQMD 8-5-402.1, &amp; 8-5-404</u>	<u>P/10 yr</u> <u>P/10 yr</u>	<u>Inspection</u> <u>Certification</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<u>BAAQMD</u> <u>8-5-328.1.2</u>	N		<u>Tank &gt; 75 m<sup>3</sup>.</u> <u>Tank cleaning</u> <u>90% control. POC</u> <u>concentration &lt;</u> <u>10,000 ppm</u>	<u>BAAQMD</u> <u>8-5-502</u>	<u>P/E</u>	<u>Source Test</u>
POC	<u>BAAQMD</u> <u>8-5-331.1</u>	N		<u>Cleaning agent:</u> <u>initial boiling</u> <u>point &gt;302 deg F.</u> <u>true vapor pressure</u> <u>&lt;0.5 psia, or VOC</u> <u>content &lt;50 g/l</u>	<u>N</u>	<u>N</u>	<u>Certification</u>
POC	<del>BAAQMD</del> <u>SIP</u> <u>8-5-303.1</u>	Y		<u>PVV set to either</u> <u>at least 90% of</u> <u>max allowable</u> <u>working pressure</u> <u>or 25.8 mmHg (0.5</u> <u>psia)PSV set</u> <u>within 10% of</u> <u>maximum</u> <u>pressure or 25.8</u> <u>mmHg (0.5 psia</u>	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection  Certification
POC	<del>BAAQMD</del> <u>SIP 8-5-</u> <u>320.3.1</u>	Y		Gasket cover ≤ 0.32 cm (1/8 in) gap	<del>BAAQMD</del> <u>SIP</u> 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection  Certification
POC	<del>BAAQMD</del> <u>SIP 8-5-</u> <u>320.3.2</u>	Y		Inaccessible opening no visible gap	<del>BAAQMD</del> <u>SIP</u> 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection  Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> 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)	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq 90\%$ opening area	<del>BAAQMD</del> SIP 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification

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

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	<del>BAAQMD</del> SIP 8-5-402.1 & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> 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	<del>BAAQMD</del> SIP 8-5-401, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	<del>BAAQMD</del> SIP 8-5-401, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

## VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> 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	<del>BAAQMD</del> SIP 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-322.1	Y		No holes, tears, or other openings	<del>BAAQMD</del> SIP 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width	<del>BAAQMD</del> SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	<del>BAAQMD</del> SIP 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	<del>BAAQMD</del> SIP 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

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

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	<del>BAAQMD</del> SIP 8-5-328.1.1	Y		Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$	None	N	None
POC	<del>BAAQMD</del> SIP 8-5-328.1.2	Y		Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration $< 10,000 \text{ ppm}$	<del>BAAQMD</del> SIP 8-5-502	P/A	Source Test
POC	40 CFR 63.11087 (a)	Y	1/10/2011		40 CFR 63.11092(e)(1)	P/E, 1 or 5 or 10 yrs	Visual Inspection, Recordkeeping

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

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Roof seals, Other openings	<u>BAAQMD</u> 8-8-301.1	N		<u>Gap&lt;0.125 inch</u>	<u>BAAQMD</u> 8-8-301.1	<u>P/Initially and 6 months</u>	<u>Visual inspection</u>
Roof seals, Other openings	<del>BAAQMD</del> SIP 8-8-301.1	Y		Gap<0.125 inch	<del>SIP</del> <del>BAAQMD</del> 8-8-301.1	P/Initially and 6 months	Visual inspection
VOC	BAAQMD Condition #3590, part 1	Y		As defined in the BAAQMD Rule 8-8-204	BAAQMD Condition #3590, part 1	P/6 months	Portable Hydrocarbon Detector
Processing rate	BAAQMD Condition #3590, part 2	Y		5 gpm	BAAQMD Condition #3590, part 2	P/daily	Record keeping

**Table VII - J  
 Applicable Limits and Compliance Monitoring Requirements  
 S 28 - ADDITIVE STORAGE TANK – FIXED ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
<u>Liquid stored</u>		N		<u>&gt;0.5 psia</u>	<u>BAAQMD</u> 8-5-501	<u>P/Monthly</u>	<u>Record keeping</u>
Liquid stored		Y		>0.5 psia	<del>SIP</del> <del>BAAQMD</del> 8-5-501	P/Monthly	Record keeping

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII-K**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-29 – ADDITIVE STORAGE TANK – FIXED ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Methyl Cellosolve Throughput limit	BAAQMD Condition #5245, part 4	Y		147,000 gallons/yr	BAAQMD Condition #5245, part 3	P/Monthly	Record Keeping

**Table VII-LK**  
**S-31, Emergency Diesel-Engine Generator**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-303.1	<del>Y</del> N		Ringelmann 2.0 for <u>no more than 3</u> minutes in any hour		N	
FP	BAAQMD Regulation 6-1-310	<del>Y</del> N		0.15 gr/dscf		N	
<u>Opacity</u>	<u>SIP Regulation 6-303.1</u>	<u>Y</u>		<u>Ringelmann 2.0 for no more than 3 minutes in any hour</u>		<u>N</u>	
<u>FP</u>	<u>SIP Regulation 6-310</u>	<u>Y</u>		<u>0.15 gr/dscf</u>		<u>N</u>	
SO <sub>2</sub>	BAAQMD 9-1-301	Y		Property Line Ground Level Limits: ≤ 0.5 ppm for 3 minutes and ≤ 0.25 ppm for 60 min. and ≤ 0.05 ppm for 24 hours	None	N	N/A



## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII-LK**  
**S-31, Emergency Diesel-Engine Generator**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD 9-1-304	Y		0.5% wt Sulfur in liquid fuel		P/E	Fuel certification of each delivery
	<del>BAAQMD Cond. # 22177, part 4</del>	<del>Y</del>		<del>0.05% wt Sulfur in liquid fuel</del>	<del>BAAQMD Cond. # 22010, part 4</del>	<del>P/E</del>	<del>Fuel certification of each delivery</del>
Hours of Operation	BAAQMD 9-8-330.1	N		Unlimited hours for emergencies	BAAQMD 9-8-530.2	P/M	Records of Operating Hours
	BAAQMD 9-8-330.2	N		100 hours per year for reliability-related activities	BAAQMD 9-8-530	P/M	Records of Operating Hours
	<u>BAAQMD 9-8-330.3</u>	<u>N</u>	<u>1/1/2012</u>	<u>50 hours per year for reliability-related activities</u>	<u>BAAQMD 9-8-530</u>	<u>P/M</u>	<u>Records of Operating Hours</u>
	<u>CCR, Title 17, Section 93115.6(b)(3)(A)(1)(a)</u>	<u>N</u>		<u>20 hours/yr for maintenance and testing</u>	<u>CCR, Title 17, Section 93115.10(e)(1)</u>	<u>C</u>	<u>Totalizing Counter</u>
	<u>CCR, Title 17, Section 93115.6(b)(3)(A)(1)(a)</u>	<u>N</u>		<u>20 hours/yr for maintenance and testing</u>	<u>CCR, Title 17, Section 93115.10(g)</u>	<u>M</u>	<u>Records</u>
	<u>BAAQMD Condition #22820, part 1</u>	<u>N</u>		<u>20 hours/yr for maintenance and testing</u>	<u>BAAQMD Condition #22820, part 3</u>	<u>C</u>	<u>Totalizing Counter</u>
	<u>BAAQMD Cond.# 22820, part 1</u>	<u>Y</u>		<u>20 hours per year for reliability-related activities</u>	<u>BAAQMD Cond.# 22820, part 1</u>	<u>P/M</u>	<u>Records of Operating Hours</u>

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

**Table VII - M-L**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S 40 - PIPELINE SURGE SYSTEM CONSISTING OF 35 SURGE VESSELS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Switchover of storage tanks	BAAQMD Condition #15574, part 1	Y		30/annual average day; 45 maximum/any single day; 10950/consecutive 365 day period	BAAQMD Condition #15574, part 4	P/Daily, consecutive 365 day period	Record Keeping
Vapor pressure of material pumped	BAAQMD Condition #15574, part 3	Y		<11.0 psia	BAAQMD Condition #15574, part 3	P/each material	Record Keeping

**Table VII - N**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S 41 - SOIL VAPOR EXTRACTION SYSTEM**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Destruction efficiency	BAAQMD 8-47-301	Y		90% by weight	BAAQMD 8-47-501.2	P/Monthly	Gas sampling and analysis, Record keeping
Destruction efficiency	BAAQMD Condition #16699, part 3	Y		99% by weight	BAAQMD Condition #16699, part 8(d)	P/Monthly	Gas sampling and analysis, Record keeping

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII--N**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S 41 -- SOIL VAPOR EXTRACTION SYSTEM**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Flow rate	BAAQMD Condition #16699, part 1	Y		300 scfm	BAAQMD Condition #16699, part 8(a)	P/Monthly	Gas sampling and analysis, Record keeping
Emission rate	BAAQMD Condition #16699, part 2	Y		POC: 0.56 lb/day; Benzene: 144 lbs/yr	BAAQMD Condition #16699, part 8 (c)	P/Monthly	Gas sampling and analysis, Record keeping
Temperature	BAAQMD Condition #16699, part 4	Y		1400 degree F (Thermal mode); 650 degree F (Catalyst mode)	BAAQMD Condition #16699, part 5,9	C	Record keeping

**Table VII - OM**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S 42 - AIR STRIPPER**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
<u>Destruction efficiency</u>	<u>BAAQMD 8-47-301</u>	N		90% by weight	<u>BAAQMD 8-47-501.2</u>	<u>P/Monthly</u>	<u>Gas sampling and analysis, Record keeping</u>
Destruction efficiency	<u>SIP</u> BAAQMD 8-47-301	Y		90% by weight	<u>SIP</u> BAAQMD 8-47-501.2	P/Monthly	Gas sampling and analysis, Record keeping

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

**Table VII - OM**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S 42 - AIR STRIPPER**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Flow rate	BAAQMD Condition #17450, part 1	Y		600 scfm	BAAQMD Condition #17450, part 7(a)	P/Monthly	Gas sampling and analysis, Record keeping
Emission rate	BAAQMD Condition #17450, part 2	Y		POC:549 lb/yr, Benzene: 6 lb/yr	BAAQMD Condition #17450, part 7 (c)	P/Monthly	Gas sampling and analysis, Record keeping
Temperature	BAAQMD Condition #17450, part 3	Y		500 degree F	BAAQMD Condition #17450, part 4, 5, 6	C	Record keeping

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

<u>Type of Limit</u>	<u>Citation of Limit</u>	<u>FE Y/N</u>	<u>Future Effective Date</u>	<u>Limit</u>	<u>Monitoring Requirement Citation</u>	<u>Monitoring Frequency (P/C/N)</u>	<u>Monitoring Type</u>
<u>Roof seals, Other openings</u>	<u>BAAQMD 8-8-301.1</u>	<u>N</u>		<u>Gap&lt;0.125 inch</u>	<u>BAAQMD 8-8-301.1</u>	<u>P/Initially and 6 months</u>	<u>Visual inspection</u>
<u>Roof seals, Other openings</u>	<u>SIP 8-8-301.1</u>	<u>Y</u>		<u>Gap&lt;0.125 inch</u>	<u>SIP 8-8-301.1</u>	<u>P/Initially and 6 months</u>	<u>Visual inspection</u>

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - P**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S 43, S44 – TRANSPORTABLE STORAGE TANK – FIXED ROOF**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition ID #20874, part 3	Y		NMHC $\leq$ 100 ppmv	BAAQMD Condition ID # 20874, part 3 and 4	P/tank filling	Portable Hydrocarbon Detector, records
Material Throughput	BAAQMD Condition ID #20874, part 1	Y		100,000 gallons per consecutive 12-month period	BAAQMD Condition ID # 20874, part 5	P/monthly	Record keeping

**Table VII - QQ**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S 1000 - SUMP TANK D-3, STOCKTON LINE**  
**S1002 – SUMP TANK D-10, SACRAMENTO LINE**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	40 CFR 63.11087 (a)	Y	1/10/2011		40 CFR 63.11092(e)(1)	P/E, 1 or 5 or 10 yrs	Visual Inspection, Recordkeeping
Material throughput	BAAQMD Condition #15859, part 1	Y		<del>300</del> 750,000 gallons/yr	BAAQMD Condition #15859, part 2	P/D	Record keeping

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII-R**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-1001 - SUMP TANK D-8, SAN JOSE LINE**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Material throughput	BAAQMD Condition #15859, part 1	Y		300,000-gallons/yr	BAAQMD Condition #15859, part 2	P/D	Record keeping

**Table VII-S**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-1002 - SUMP TANK D-10, SACRAMENTO LINE**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Material throughput	BAAQMD Condition #15859, part 1	Y		300,000-gallons/yr	BAAQMD Condition #15859, part 2	P/D	Record keeping

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-18-301	Y		General equipment leak $\leq$ 100 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - ~~FP~~**  
**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
	BAAQMD 8-18-302	N		Valve leak $\leq$ 100 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	BAAQMD 8-18-303	N		Pump and compressor leak $\leq$ 500 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	BAAQMD 8-18-304	N		Connection leak $\leq$ 100 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	BAAQMD 8-18-305	Y		Pressure relief valve leak $\leq$ 500 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	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 $\leq$ 0.3% & 0.025% Pressure Relief $\leq$ 1% Pump and Connector $\leq$ 1%	BAAQMD 8-18-401.5	P/24 hours	Portable hydrocarbon detector, records
POC	SIP <del>BAAQMD</del> 8-18-302	Y		Valve leak $\leq$ 100 ppm	SIP <del>BAAQMD</del> 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	SIP <del>BAAQMD</del> 8-18-303	Y		Pumps and Compressors leak $\leq$ 500 ppm	SIP <del>BAAQMD</del> 8-18-401.2	P/Q	Portable hydrocarbon detector, records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - ~~FP~~**  
**Applicable Limits and Compliance Monitoring Requirements**  
**COMPONENTS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	SIP <del>BAAQMD</del> 8-18-304	Y		Connection leak $\leq$ 100 ppm	SIP <del>BAAQMD</del> 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	SIP <del>BAAQMD</del> 8-18-305	Y		Pressure relief valve leak $\leq$ 500 ppm	SIP <del>BAAQMD</del> 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	SIP <del>BAAQMD</del> 8-18-306.1	Y		Valve, pressure relief, pump or compressor must be repaired within 5 years or at the next scheduled turnaround	None	N	
POC	SIP <del>BAAQMD</del> 8-18-306.2	Y		Awaiting repair Valves $\leq$ 0.5% Pressure Relief $\leq$ 1% Pump and Connector $\leq$ 1%	<del>BAAQMD</del> SIP 8-18-401.5	P/24 hours	Portable hydrocarbon detector, records
	<del>BAAQMD</del> SIP 8-18-306.3.2	Y		Mass emissions & non-repairable equipment allowed Valve $\leq$ 0.1 lb/day & $\leq$ 1.0% Pressure Relief $\leq$ 0.2 lb/day & $\leq$ 5% Pump and Connector $\leq$ 0.2 lb/day & $\leq$ 5%	<del>BAAQMD</del> SIP 8-18-401.2	P/Q	Portable hydrocarbon detector, records
POC	<del>BAAQMD</del> SIP 8-18-306.3.3	Y		Total valve, pressure relief, pump or compressor leaks $\geq$ 15 lb/day, they must be repaired within 7 days	None	N	



## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - ~~FP~~**  
**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 <del>BAAQMD</del> 8-25-302	Y		Pump leak $\leq$ 500 ppm	SIP <del>BAAQMD</del> 8-25-401.2 & 8-25-403	P/Q  P/D	Portable hydrocarbon detector, records
POC	SIP <del>BAAQMD</del> 8-25-303	Y		Compressor leak $\leq$ 500 ppm	SIP <del>BAAQMD</del> 8-25-401.2 & 8-25-403	P/Q  P/D	Portable hydrocarbon detector, records
	SIP <del>BAAQMD</del> 8-25-304.1	Y		Pump or compressor repaired within 5 years or next scheduled turnaround	SIP <del>BAAQMD</del> 8-25-401.1 & 8-25-402	P/Q	Portable hydrocarbon detector, records
	SIP <del>BAAQMD</del> 8-25-304.2	Y		Awaiting repaired valves $<$ 1.0%	SIP <del>BAAQMD</del> 8-25-401.1 & 8-25-402	P/Q	Portable hydrocarbon detector, records
POC	SIP <del>BAAQMD</del> 8-25-305	Y		New or replaced pump and compressor leak $\leq$ 500 ppm for 4 consecutive quarters	SIP <del>BAAQMD</del> 8-25-401.2 & 8-25-403	P/Q  P/D	Portable hydrocarbon detector, records
	SIP <del>BAAQMD</del> 8-25-306	Y		Repeat pump, compressor leak must meet SIP BAAQMD 8-25-304 & 8-25-305	SIP <del>BAAQMD</del> 8-25-401.2 & 8-25-403	P/Q  P/D	Portable hydrocarbon detector, records
<u>POC</u>	<u>40 CFR</u> <u>63.11089</u>	<u>Y</u>	<u>1/10/2011</u>	<u>Liquid/vapor</u>	<u>40 CFR</u> <u>63.11089</u>	<u>P/M</u>	<u>Inspection</u> <u>Recordkeeping</u>

## VIII. TEST METHODS

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

**Table VIII  
 Test Methods**

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

## VIII. Test Methods

**Table VIII**  
**Test Methods**

<b>Applicable Requirement</b>	<b>Description of Requirement</b>	<b>Acceptable Test Methods</b>
BAAQMD 8-5-606	<u>Analysis of Samples, Tank Cleaning Agents</u>	<u>Initial Boiling Point Determination By ASTM D-1078-93 or alternate method approved by APCO and U.S.EPA</u> <u>EPA Reference Method 31, Determination of VOC Content</u>
BAAQMD 8-8-301, 302	Vapor tight cover	EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks
BAAQMD 8-8-601	Wastewater Analysis for Organic Compounds	Manual of Procedures, Volume III, Lab Method 33, Determination of Dissolved Critical Volatile Organic Compounds in Wastewater Separators
BAAQMD 8-18-302, 8-18-303	Leak inspection procedures	EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks
BAAQMD 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 <del>BAAQMD</del> 8-25-301-303, 602	Inspection procedures (pumps and Compressors)	EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks
BAAQMD 8-47-601	Air stripper water sampling	EPA's or Regional Water Quality Control Board's Analytical Methods
BAAQMD 8-47-602	Measurement of Organic content	Regional Water Quality Control Board's Analytical Methods
BAAQMD 8-47-603	Determination of Emissions	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling or EPA Reference Method 25 or 25A
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
Subpart K 40 CFR 60.113(b)	Reid vapor pressure	ASTM Method D323-82
Subpart Kb 40 CFR 60.112(b)	Vapor pressure	ASTM Method D2879-83

## VIII. Test Methods

**Table VIII**  
**Test Methods**

<b>Applicable Requirement</b>	<b>Description of Requirement</b>	<b>Acceptable Test Methods</b>
Subpart Kb 40 CFR 60.112(b)(a) (3)	Visual inspection	60 Subpart VV, 60.485(b)

**IX. PERMIT SHIELD**

**Not applicable**

## X. REVISION HISTORY

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

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

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

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

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

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

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

- The dates of adoption and approval of rules in Section I.A were updated
- The following language was added as Standard Condition I.B.12: "The permit holder is responsible for compliance, and certification of compliance, with all conditions of the permit, regardless whether it acts through employees, agents, contractors, or subcontractors. (Regulation 2-6-307)." The purpose is to reiterate that the Permit Holder is responsible for ensuring that all activities at the facility comply with all applicable requirements.
- The dates of the reporting periods and reporting deadlines have been added to Standard Conditions I.F and I.G for additional clarity.
- Sources S47, S48 and abatement devices A7 and A8 were added. Sources , S41,

## IX. Permit Shield

S43, S44, S1001, and abatement devices, A2, A3, A4, A5 were deleted.

Description of source, S40 was updated.

- Table III has been updated. The dates of adoption or approval of the rules and their “federal enforceability” status has also been updated.
- Applicable requirements of Regulation 8, Rule 2, 5, 8, 18, and 47 were updated.
- The standard language at the beginning of the Section VII has been updated. A note has been added at the beginning of the section to clarify that this section is a summary of the limits and monitoring, and that in the case of a conflict between Sections I-VI and Section VII, the preceding sections take precedence.
- Applicable requirements of 40 CFR Part 63, Subpart BBBBBB were added.

## **XI. GLOSSARY**

### **ACT**

Federal Clean Air Act

### **BAAQMD**

Bay Area Air Quality Management District

### **BACT**

Best Available Control Technology

### **CAA**

The federal Clean Air Act

### **CAAQS**

California Ambient Air Quality Standards

### **CEQA**

California Environmental Quality Act

### **CFR**

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

### **CO**

Carbon Monoxide

### **Cumulative Increase**

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

### **District**

The Bay Area Air Quality Management District

### **EPA**

The federal Environmental Protection Agency.

### **Excluded**

Not subject to any District regulations.

### **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



## **XI. Glossary**

issued under an EPA-approved program that has been incorporated into the SIP.

### **FP**

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

### **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.

### **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.

### **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.

### **MOP**

The District's Manual of Procedures.

### **NAAQS**

National Ambient Air Quality Standards

### **NESHAPS**

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

### **NMHC**

Non-methane Hydrocarbons (Same as NMOC)

### **NMOC**

Non-methane Organic Compounds (Same as NMHC)

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

Oxides of nitrogen.

### **NSPS**

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

### **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

## **XI. Glossary**

are additional NSR requirements mandated by the California Clean Air Act.)

### **Offset Requirement**

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

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

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

### **POC**

Precursor Organic Compounds

### **PM**

Particulate Matter

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

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

### **PSD**

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

### **SIP**

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

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

Sulfur dioxide

### **THC**

Total Hydrocarbons (NMHC + Methane)

### **Title V**

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

### **TOC**

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

### **TPH**

Total Petroleum Hydrocarbons

## **XI. Glossary**

### **TRMP**

Toxic Risk Management Plan

### **TSP**

Total Suspended Particulate

### **VOC**

Volatile Organic Compounds

#### **Units of Measure:**

bhp	=	brake-horsepower
btu	=	British Thermal Unit
cfm	=	cubic feet per minute
g	=	grams
gal	=	gallon
gpm	=	gallons per minute
hp	=	horsepower
hr	=	hour
lb	=	pound
in	=	inches
max	=	maximum
m <sup>2</sup>	=	square meter
min	=	minute
mm	=	million
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

## ~~XII. APPLICABLE STATE IMPLEMENTATION PLAN~~

~~The Bay Area Air Quality Management District's portion of the State Implementation Plan can be found at EPA Region 9's website. The address is:~~

~~<http://yosemite1.epa.gov/r9/r9sips.nsf/California?ReadForm&Start=1&Count=30&Expand=3.1>~~