Bay Area Air Quality Management District

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

Final

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

Responsible Official	**Facility Contact**
Eugene Braithwaite, Director, Operation	Mike Rounds, Area Manager
707-438-2102	925-682-3046

Type of Facility: Bulk Terminal

Primary SIC: 4226

Product: Bulk storage & terminal for refined petroleum products

BAAQMD Engineering Division Contact: Dharam Singh

ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Signed by Peter Hess for Jack P. Broadbent January 25, 2006

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

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I. Standard Conditions

I. STANDARD CONDITIONS

A. Administrative Requirements

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

BAAQMD Regulation 1 - General Provisions and Definitions (as amended by the District Board on 5/2/01);

SIP Regulation 1 - General Provisions and Definitions (as approved by EPA through 8/27/99);

BAAQMD Regulation 2, Rule 1 - Permits, General Requirements (as amended by the District Board on 8/1/01);

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

BAAQMD Regulation 2, Rule 2 - Permits, New Source Review (as amended by the District Board on 5/17/00);

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

BAAQMD Regulation 2, Rule 4 - Permits, Emissions Banking (as amended by the District Board on 5/17/00);

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

BAAQMD Regulation 2, Rule 6 - Permits, Major Facility Review (as amended by the District Board on 5/2/01).

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

1. This Major Facility Review Permit was issued on November 21, 2001, and expires on October 31, 2006. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than April 30, 2006 and no earlier than October 31, 2005. **If a complete application for renewal has not been submitted in accordance with this deadline, the facility may not operate after** October 31, 2006. (Regulation 2-6-307, 404.2, & 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-

I. Standard Conditions

issuance, or termination, or the filing of a notification of planned changes or anticipated non-compliance does not stay the applicability of any permit condition. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)

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

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)

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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 November 21, 2001, to April 30, 2002. The report shall be submitted by May 31, 2002. Subsequent reports shall be for the following periods: May 1st through October 31st and November 1st through April 30th, and are due on the last day of the month after the end of the reporting period. All instances of non-compliance shall be clearly identified in these reports. The reports shall be certified by the responsible official as true, accurate, and complete. In addition, all instances of non-compliance with the permit shall be reported in writing to the District's Compliance and Enforcement Division within 10 calendar days of the discovery of the incident. Within 30 calendar days of the discovery of any incident of non-compliance, the facility shall submit a written report including the probable cause of non-compliance and any corrective or preventative actions. The reports shall be sent 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 to October 31st. The certification shall be submitted by November 30th of each year. The certification must list each applicable requirement, the compliance status, whether compliance was continuous or intermittent, the method used to determine compliance, and any other specific information required by the permit. The 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, by following the procedures contained in Regulations 1-431 and 1-432. The District

I. Standard Conditions

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
29	Additive Storage Tank CCA-3 (Methyl Cellosolve)	Fixed cone roof		13K gallon
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 (3 Surge vessels) (Multi-liquid)	Cylindrical		4884 gallon (each vessel)
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
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
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

II. Equipment

Table II B - Abatement Devices

A#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
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

III. Generally Applicable Requirements

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.

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

Where an applicable requirement is a SIP requirement, the full language of the SIP requirement is included in Appendix A of this permit.

NOTE:

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

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 1	General Provisions and Definitions (5/2/01)	N
SIP Regulation 1	General Provisions and Definitions (8/27/99)	Y
BAAQMD Regulation 2, Rule 1	General Requirements (8/1/01)	N
BAAQMD 2-1-429	Federal Emissions Statement (6/7/95)	Y
SIP Regulation 2, Rule 1	General Requirements (8/27/99)	Y
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 (11/2/94)	N
BAAQMD Regulation 6	Particulate Matter and Visible Emissions (12/19/90)	N

III. Generally Applicable Requirements

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 7	Odorous Substances (3/17/82)	N
BAAQMD Regulation 8, Rule 1	Organic Compounds - General Provisions (6/15/94)	Y
BAAQMD Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (12/20/95)	Y
BAAQMD Regulation 8, Rule 25	Organic Compounds - Pump and Compressor Seals at Petroleum Refineries, Chemical plants, Bulk plants, and Bulk terminals (6/1/94)	Y
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 (12/20/95)	N
BAAQMD Regulation 9, Rule 1	Sulfur Dioxide	Y
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing (12/4/91)	Y
BAAQMD Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (7/11/90)	Y
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

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 included in Appendix A of this permit. 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
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (11/27/2002)**		
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,	Y	

IV. Source-specific Applicable Requirements

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

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
BAAQMD Condition #5531			
part 1	Material throughput limit, yearly (basis: cumulative increase)	Y	
part 2	Record keeping requirement (basis: Regulation 2-6-501, Regulation 8-5-501)	Y	
part 3	Notification requirement (basis: Regulation 8-5-401)	Y	
part 4	Primary seal requirement (basis: Regulation 8-5-321.2)	Y	

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (11/27/2002)**		
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,	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
	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	
8-5-321.3	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	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
	pressure ranges		
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	
BAAQMD Condition #13143			
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 - 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
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (11/27/2002)**		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-304	Requirements for external floating roofs	Y	
8-5-304.1	Floating roof fittings requirements	Y	
8-5-304.2	Primary seal requirements	Y	
8-5-304.3	Secondary seal requirements	Y	
8-5-304.4	Floating roof rest on liquid surface, properly installed, maintained, and in good operating condition. No liquid tank contents on the seals and on the roof	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Roof opening requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
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	

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
8-5-322.6	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	

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
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (11/27/2002)**		
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	

IV. Source-specific Applicable Requirements

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

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

IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
BAAQMD Condition #13143			
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
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (11/27/2002)**		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Roof opening requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
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	

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
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	
BAAQMD Condition #13143			
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
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (11/27/2002)**		
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	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	
8-5-402	Inspection requirements for internal floating roof tanks	Y	

IV. Source-specific Applicable Requirements

Table IV - 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
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	
40 CFR 60	**Standards of Performance for New Stationary Sources (12/23/71)**	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	
40 CFR 60 Subpart K	**Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978**		
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	

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
BAAQMD Condition #13143			
part 1	Abatement device operating requirement (basis: cumulative increase)	Y	
part 2	Abatement device destruction efficiency requirement (basis: cumulative increase)	Y	
part 3	Abatement device operating temperature requirement (basis: cumulative increase)	Y	
part 4	Abatement device temperature monitoring and recording requirement (basis: cumulative increase)	Y	
part 5	Abatement device temperature monitoring and recording device installation requirement (basis: cumulative increase)	Y	
part 6	Temperature strip chart recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 7	Abatement device source test requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 8	Abatement device operational recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 9	Material throughput limit, yearly (basis: cumulative increase)	Y	
part 11	Record keeping, material type and throughput (basis: Regulation 2-6-501; cumulative increase)	Y	

IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (11/27/2002)**		
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	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	

IV. Source-specific Applicable Requirements

Table IV - 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
8-5-402	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	
40 CFR 60	**Standards of Performance for New Stationary Sources (12/23/71)**	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	
40 CFR 60, Subpart Kb	**Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 (4/8/87)**		
60.112b(a)(1)	Internal floating roof requirement & specifications	Y	
60.112b(a)	Rest or float on liquid surface	Y	

IV. Source-specific Applicable Requirements

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

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
(1)(i)			
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 gasketted sliding cover for each penetration that allows for passage of fixed roof supporting column	Y	
60.112b(a)(1)(ix)	Gasketted sliding cover for each penetration that allows for passage of ladder	Y	
60.113b	Testing and procedures	Y	
60.113b(a)(1)	Visual Seal inspection before filling the vessel	Y	
60.113b(a)(2)	Inspection once every 12 months after initial fill	Y	
60.113b(a)(4)	Visual seal inspection each time tank is emptied and degassed	Y	
60.113b(a)(5)	Notify Administrator	Y	
60.115b	Reporting and record keeping	Y	
60.115b(a)(1)	Furnish report to the Administrator	Y	
60.115b(a)(2)	Record of each inspection	Y	
60.115b(a)(3)	Report defects etc. to the Administrator	Y	
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	

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
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	
BAAQMD Condition #13143			
part 1	Abatement device operating requirement (basis: cumulative increase)	Y	
part 2	Abatement device destruction efficiency requirement (basis: cumulative increase)	Y	
part 3	Abatement device operating temperature requirement (basis: cumulative increase)	Y	
part 4	Abatement device temperature monitoring and recording requirement (basis: cumulative increase)	Y	
part 5	Abatement device temperature monitoring and recording device installation requirement (basis: cumulative increase)	Y	
part 6	Temperature strip chart recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 7	Abatement device source test requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 8	Abatement device operational recordkeeping requirement (basis: Regulation 2-6-501; cumulative increase)	Y	
part 9	Material throughput limit (yearly) for S12 (basis: cumulative increase)	Y	
part 11	Record keeping, material type and throughput (basis: Regulation 2-6-501; cumulative increase)	Y	

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
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (11/27/2002)**		
8-5-111	Limited Exemption, Tank Removal From and Return to Service	Y	
8-5-112	Limited Exemption, Tanks in Operation	Y	
8-5-301	Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity)	Y	
8-5-303	Requirements for pressure vacuum valves	Y	
8-5-320	Tank Fitting requirements	Y	
8-5-320.2	Roof opening requirements	Y	
8-5-320.3	Pressure-vacuum valves requirements	Y	
8-5-320.4	Solid sampling or gauging wells requirements	Y	
8-5-320.5	Slotted sampling or gauging wells requirements	Y	
8-5-320.5.1	Well projection	Y	
8-5-320.5.2	Well equipment requirements	Y	
8-5-320.5.3	Gap measurements	Y	
8-5-320.6	Emergency roof drain cover	Y	
8-5-321	Primary Seal Requirements	Y	
8-5-321.1	No openings such as holes etc.	Y	
8-5-321.2	Seal liquid mounted	Y	
8-5-322	Secondary Seal requirements	Y	
8-5-322.1	No openings such as holes etc.	Y	
8-5-322.2	Insertion access to measure gaps in primary seal	Y	
8-5-322.3	Welded tank secondary seal gap requirements	Y	
8-5-322.5	Welded tank gap allowed	Y	
8-5-322.6	Secondary seal extension and not attached to primary seal	Y	
8-5-328	Tank Degassing Requirements	Y	
8-5-328.1	Degassing control requirements	Y	
8-5-328.2	Ozone Excess Day Prohibition	Y	
8-5-402	Inspection requirements for internal floating roof tanks	Y	
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	

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
8-5-403	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	

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
BAAQMD Regulation 8, Rule 8	**Organic Compounds - Wastewater (Oil-Water) Separators (11/1/89)**		
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, gasketted, fixed cover, etc. requirements	Y	
8-8-306	Oil/water Separator Effluent Channel, Pond, Trench, or Basin	Y	
8-8-306.1	Solid, gasketted, fixed cover, etc. requirements	Y	
8-8-308	Junction Box requirements	Y	
8-8-501	Bypassed wastewater 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
BAAQMD Condition #3590			
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
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (11/27/2002)**		
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	

IV. Source-specific Applicable Requirements

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
BAAQMD Regulation 8 Rule 2	**Organic Compounds - Miscellaneous Operations (6/15/1994)**		
8-2-301	Miscellaneous operations - emissions less than 15 lb/day and concentration less than 300 ppm	Y	
BAAQMD condition # 5245			
part 1	Material throughput limit, yearly (basis: cumulative increase)	Y	
part 2	Methyl cellosolve storage only (basis: cumulative increase)	Y	
part 3	Record keeping requirements (basis: Regulation 2-6-501, cumulative increase)	Y	

Table IV-L
S-31, Emergency Diesel Engine Generator

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (12/19/90)**		
6-303	Ringelmann Number 2 Limitation	Y	
6-303.1	Ringelmann Number 2 Limitation for engines	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants - Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	Y	

IV. Source-specific Applicable Requirements

Table IV-L
S-31, Emergency Diesel Engine Generator

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
9-1-304	Fuel Burning (Liquid and Solid Fuels)	Y	
BAAQMD Regulation 9, Rule 8	**Inorganic Gaseous Pollutants-Nitrogen Oxides from Stationary Engines (8/1/01)**		
9-8-330	Emergency Standby Engines, Hours of Operation	N	
9-8-530	Emergency standby engines, monitoring and recordkeeping	N	
BAAQMD Condition # 22177		Y	
Part 1	Hours of operation in anticipation of imminent emergency and for reliability-related activities (basis: Regulation 9-8-330.2)	Y	
Part 2	Hours of operation during emergency (basis: Regulation 9-8-330.1)	Y	
Part 3	Operating hour or fuel usage meter requirements (basis: Regulation 9-8-530)	Y	
Part 4	Fuel sulfur content requirements and recordkeeping (basis: Regulations 9-1-304, 9-1-602)	Y	
Part 5	Record keeping (basis: Regulation 9-8-530; 1-441)	Y	

Table IV - M
Source-specific Applicable Requirements
S40 - PIPELINE SURGE SYSTEM CONSISTING OF 3 SURGE VESSELS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 2	**Organic Compounds – Miscellaneous Operations (6/15/94)**		
8-2-301	Miscellaneous operations - emissions less than 15 lb/day and concentration less than 300 ppm	Y	
BAAQMD Condition			

IV. Source-specific Applicable Requirements

Table IV - M
Source-specific Applicable Requirements
S40 - PIPELINE SURGE SYSTEM CONSISTING OF 3 SURGE VESSELS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
#15574			
part 1	Surge vessel daily and annual turnover limits (basis: cumulative increase)	Y	
part 2	Abatement device requirement (basis: cumulative increase)	Y	
part 3	Material vapor pressure limit requirement (basis: cumulative increase)	Y	
part 4	Record keeping, material type and surge vessel turnover and breakout tank switchover requirement (basis: Regulation 2-6-501; cumulative increase)	Y	

Table IV - 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
BAAQMD Regulation 8, Rule 47	**Organic Compounds - Air Stripping And Soil Vapor Extraction Operations**		
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	
BAAQMD Condition #16699			
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	

IV. Source-specific Applicable Requirements

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
part 3	Destruction efficiency (basis: Regulations 8-47-301, 8-47-302, cumulative increase, toxic screen)	Y	
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 - O
Source-specific Applicable Requirements
S42 - AIR STRIPPER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 47	**Organic Compounds - Air Stripping And Soil Vapor Extraction Operations**		
8-47-301	Emission control requirements, specific compounds	Y	
8-47-302	Organic Compounds	Y	
8-47-501	Records		
8-47-501.1	Water analysis	Y	
8-47-501.2	Record keeping, control device performance	Y	
8-47-601	Air stripper water sampling	Y	
8-47-602	Measurement of organic content	Y	
8-47-603	Determination of Emissions	Y	
BAAQMD Condition #17450			
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	

IV. Source-specific Applicable Requirements

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
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (11/27/2002)**		
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	
BAAQMD Condition # 20874			
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 – Q
Source-specific Applicable Requirements
S1000 - SUMP TANK D-3, STOCKTON LINE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (11/27/2002)**		
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	Y	

IV. Source-specific Applicable Requirements

Table IV – Q
Source-specific Applicable Requirements
S1000 - SUMP TANK D-3, STOCKTON LINE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
	pressure ranges		
8-5-502	Tank Degassing Annual Source Test Requirement	Y	
8-5-503	Portable Hydrocarbon Detector	Y	
BAAQMD Condition # 15859			
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
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (11/27/2002)**		
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	
BAAQMD Condition # 15859			
part 1	Material throughput limit, yearly (basis: cumulative increase)	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
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
BAAQMD Regulation 8, Rule 5	**Organic Compounds - Storage of Organic Liquids (11/27/2002)**		
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	
BAAQMD Condition # 15859			
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 - T
Source-specific Applicable Requirements
COMPONENTS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 18	**Organic Compounds-Equipment Leaks (9/15/2004)**		
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	
SIP BAAQMD Regulation 8, Rule 18	**Equipment Leaks (6/5/2003)**		
8-18-301	General	Y	
8-18-302	Valves	Y	
8-18-303	Pumps and Compressors	Y	
8-18-304	Connections	Y	
8-18-305	Pressure Relief Devices	Y	
8-18-306	Non-Repairable Equipment	Y	

IV. Source-specific Applicable Requirements

Table IV - T
Source-specific Applicable Requirements
COMPONENTS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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	
SIP BAAQMD Regulation 8, Rule 25	**Organic Compounds, Pump and Compressor Seals at Petroleum Refinery Complexes, Chemical Plants, Bulk Plants and Bulk Terminals (6/1/94)**		
8-25-301	Pump and compressor operating requirements	Y	
8-25-302	Pumps	Y	
8-25-303	Compressors	Y	
8-25-304	Non-repairable pumps and compressors	Y	
8-25-305	New or Replaced pumps and compressors	Y	
8-25-306	Repeat Leakers	Y	
8-25-307	Liquid Leak	Y	
8-25-401	Measurement schedule	Y	
8-25-402	Inspection plan	Y	
8-25-403	Visual inspection schedule	Y	
8-25-405	Identification requirements	Y	
8-25-406	Tagging requirements	Y	

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 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)

VI. Permit Conditions

CONDITION #5531
For S1, S2, Storage Tanks

1. The total liquid throughput for each storage tanks, S1 and S2, shall not exceed 3,175,200 gallons during any consecutive 12 month period. (basis: cumulative increase)

2. In order to demonstrate compliance with the above condition, the owner/operator of tanks, S1 and S2, shall maintain the following records in a District approved logbook. These records shall be kept on site and made available for District inspection for a period of at least 60 months from the date that the record was made. (basis: Regulation 2-6-501, Regulation 8-5- 501)

    a. The type and VOC content of all materials stored and the dates that the materials were stored.
    b. The total daily throughput of each material stored, summarized on a monthly basis.

3. SFPP, L.P. shall notify the District at least three days before the tanks are put into service so that they may be inspected. (basis: Regulation 8-5-401)

4. The 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

1. Sources 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 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. 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

VI. Permit Conditions

CONDITION #13143
For S3, S5, S6, S7, S8, S9, S10, S11, S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, and S26, Tanks

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, 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)

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 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 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 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)

VI. Permit Conditions

CONDITION #13143
For S3, S5, S6, S7, S8, S9, S10, S11, S12, S13, S18, S19, S20, S21, S22, S23, S24, S25, and S26, Tanks

9. The 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 in any consecutive 12-month period. (basis: cumulative increase)

10. The total material throughput at 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 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 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)

VI. Permit Conditions

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
1. The total throughput of sources S1000, S1001, and S1002 shall not exceed 300,000 gallons combined during any consecutive twelve-month period. (cumulative increase)
2. In order to demonstrate compliance with the above condition, 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 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.
   (cumulative increase)

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)

VI. Permit Conditions

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)

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.

VI. Permit Conditions

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.

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)

VI. Permit Conditions

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 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)

VI. Permit Conditions

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 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)

VI. Permit Conditions

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 # 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)

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.

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y		PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-320.3.1	Y		Gasket cover $\leq$ 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-320.3.2	Y		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.2	Y		Solid sampling or gauging wells in closed position with cover, seal or lid $\leq$ 0.32 cm (1/8 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-320.4.3	Y		Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover ≥ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-321.3	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	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.2	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	BAAQMD 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	Y		No holes, tears, or other openings	BAAQM 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1.1	Y		Tank $\geq$ 75 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	BAAQMD 8-5-328.1.2	Y		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
Material throughput limit	BAAQMD Condition #5531, part 1	Y		3,175,200 gallons/yr (each tank)	BAAQMD Condition #5531, part 2	P/M	Record keeping

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y		PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-320.3.1	Y		Gasket cover $\leq$ 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervasl	Inspection Certification
POC	BAAQMD 8-320.3.2	Y		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 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 - B
Applicable Limits and Compliance Monitoring Requirements
S3, S5, S6, S7 - STORAGE TANKS –EXTERNAL FLOATING ROOF

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured $\leq$ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq$ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3	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	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-321.3.2	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	BAAQMD 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	Y		No holes, tears, or other openings	BAAQM 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1½ in) in width	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1.1	Y		Tank $\geq$ 75 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-328.1.2	Y		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
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	BAAQMD 8-5-303.1	Y		PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-320.3.1	Y		Gasket cover $\leq$ 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-320.3.2	Y		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 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	BAAQMD 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover ≥ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3	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	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-321.3.2	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	BAAQMD 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	Y		No holes, tears, or other openings	BAAQM 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1½ in) in width	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-328.1.1	Y		Tank $\geq$ 75 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	BAAQMD 8-5-328.1.2	Y		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y		PSV set within 10% of maximum pressure or 25.8 mmHg (0.5 psia	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-320.3.1	Y		Gasket cover $\leq$ 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-320.3.2	Y		Inaccessible opening no visible gap	BAAQMD 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 - D
Applicable Limits and Compliance Monitoring Requirements
S8, S9 - STORAGE TANKS – INTERNAL FLOATING ROOF

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-320.4.2	Y		Solid sampling or gauging wells in closed position with cover, seal or lid ≤ 0.32 cm (1/8 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover ≥ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-321.3	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	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.2	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	BAAQMD 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	Y		No holes, tears, or other openings	BAAQM 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 - D
Applicable Limits and Compliance Monitoring Requirements
S8, S9 - STORAGE TANKS – INTERNAL FLOATING ROOF

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1½ in) in width	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1.1	Y		Tank $\geq$ 75 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	BAAQMD 8-5-328.1.2	Y		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
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 - E
Applicable Limits and Compliance Monitoring Requirements
S10 - STORAGE TANK - INTERNAL FLOATING ROOF

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y		PSV set within 10% of maximum pressure or 25.8 mmHg (0.5 psia	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-320.3.1	Y		Gasket cover < 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-320.3.2	Y		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 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	BAAQMD 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover ≥ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3	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	BAAQMD 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	BAAQMD 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.2	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	BAAQMD 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	Y		No holes, tears, or other openings	BAAQM 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	BAAQMD 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1.1	Y		Tank $\geq$ 75 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	BAAQMD 8-5-328.1.2	Y		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
Total Material throughput limit	BAAQMD Condition #13143, part 10	Y		353,808,000 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
Destruction Efficiency	BAAQMD Condition #13143, part 2	Y		99.8%	BAAQMD Condition #13143, part 7	P/Annual	Source Test, Record Keeping

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y		PSV set within 10% of maximum pressure or 25.8 mmHg (0.5 psia	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-320.3.1	Y		Gasket cover ≤ 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-320.3.2	Y		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 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 - F
Applicable Limits and Compliance Monitoring Requirements
S11 - STORAGE TANK – INTERNAL FLOATING ROOF

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-320.5.2	Y		Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover ≥ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-321.3	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	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-321.3.2	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	BAAQMD 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	Y		No holes, tears, or other openings	BAAQM 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1.1	Y		Tank $\geq$ 75 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	BAAQMD 8-5-328.1.2	Y		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
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(c)	P/D	Record keeping
True vapor pressure		Y			40 CFR 60.116b(c)	P/D	Record keeping
True vapor pressure		Y		>0.74 psia	40 CFR 60.116b(d)	P/D	Notify
POC	BAAQMD 8-5-303.1	Y		PSV set within 10% of maximum pressure or 25.8 mmHg (0.5 psia	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-320.3.1	Y		Gasket cover $\leq$ 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-320.3.2	Y		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 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	BAAQMD 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq$ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3	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	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-321.3.2	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	BAAQMD 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	Y		No holes, tears, or other openings	BAAQM 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1.1	Y		Tank $\geq$ 75 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	BAAQMD 8-5-328.1.2	Y		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
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

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y		PSV set within 10% of maximum pressure or 25.8 mmHg (0.5 psia	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-320.3.1	Y		Gasket cover $\leq$ 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-320.3.2	Y		Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 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)	BAAQMD 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 - H
Applicable Limits and Compliance Monitoring Requirements
S14 - STORAGE TANK – INTERNAL FLOATING ROOF

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-320.5.3	Y		Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured $\leq$ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-320.6	Y		Emergency roof drain with slotted membrane fabric cover $\geq$ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.1	Y		No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-321.2	Y		Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3	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	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y		Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-321.3.2	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	BAAQMD 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.1	Y		No holes, tears, or other openings	BAAQM 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months intervals	Inspection Certification
POC	BAAQMD 8-5-322.2	Y		Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.3	Y		Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification

VII. Applicable Limits and Compliance Monitoring Requirements

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-328.1.1	Y		Tank $\geq$ 75 m^3, tank cleaning shall have liquid balancing with $\leq$ 0.5 psia	None	N	None
POC	BAAQMD 8-5-328.1.2	Y		Tank $\geq$ 75 m^3, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test

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	BAAQMD 8-8-301.1	Y		Gap<0.125 inch	BAAQMD 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
Liquid stored		Y		>0.5 psia	BAAQMD 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 1	Y		147,000 gallons/yr	BAAQMD Condition #5245, part 3	P/Monthly	Record Keeping

Table VII-L
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 6-303.1	Y		Ringelmann 2.0 for 3 minutes in any hour		N	
FP	BAAQMD Regulation 6-310	Y		0.15 gr/dscf		N	
SO_2	BAAQMD 9-1-301	Y		Property Line Ground Level Limits: $\leq$ 0.5 ppm for 3 minutes and $\leq$ 0.25 ppm for 60 min. and $\leq$0.05 ppm for 24 hours	None	N	N/A
	BAAQMD 9-1-304	Y		0.5% wt Sulfur in liquid fuel		P/E	Fuel certification of each delivery
	BAAQMD Cond. # 22177, part 4	Y		0.05% wt Sulfur in liquid fuel	BAAQMD Cond. # 22010, part 4	P/E	Fuel certification of each delivery
Hours of Operation	BAAQMD 9-8-330.1	N		Unlimited hours for emergencies	BAAQMD 9-8-530.2	P/M	Records of Operating Hours

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII-L
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 9-8-330.2	N		100 hours per year for reliability-related activities	BAAQMD 9-8-530	P/M	Records of Operating Hours

Table VII - M
Applicable Limits and Compliance Monitoring Requirements
S 40 - PIPELINE SURGE SYSTEM CONSISTING OF 3 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

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
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
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

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - O
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
Destruction efficiency	BAAQMD 8-47-301	Y		90% by weight	BAAQMD 8-47-501.2	P/Monthly	Gas sampling and analysis, Record keeping
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 - 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

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
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 - Q
Applicable Limits and Compliance Monitoring Requirements
S 1000 - SUMP TANK D-3, STOCKTON 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 - 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

VII. Applicable Limits and Compliance Monitoring Requirements

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 - T
Applicable Limits and Compliance Monitoring Requirements
COMPONENTS

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-18-301	Y		General equipment leak $\leq$ 100 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	BAAQMD 8-18-302	N		Valve leak $\leq$ 100 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	BAAQMD 8-18-303	N		Pump and compressor leak $\leq$ 500 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	BAAQMD 8-18-304	N		Connection leak $\leq$ 100 ppm	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - T
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 8-18-305	Y		Pressure relief valve leak ≤ 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 ≤ 0.3% & 0.025% Pressure Relief ≤ 1% Pump and Connector ≤ 1%	BAAQMD 8-18-401.5	P/24 hours	Portable hydrocarbon detector, records
POC	SIP BAAQMD 8-18-302	Y		Valve leak ≤ 100 ppm	SIP BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	SIP BAAQMD 8-18-303	Y		Pumps and Compressors leak ≤ 500 ppm	SIP BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	SIP BAAQMD 8-18-304	Y		Connection leak ≤ 100 ppm	SIP BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
	SIP BAAQMD 8-18-305	Y		Pressure relief valve leak ≤ 500 ppm	SIP BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - T
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 BAAQMD 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 BAAQMD 8-18-306.2	Y		Awaiting repair Valves $\leq$ 0.5% Pressure Relief $\leq$ 1% Pump and Connector $\leq$ 1%	BAAQMD 8-18-401.5	P/24 hours	Portable hydrocarbon detector, records
	BAAQMD 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%	BAAQMD 8-18-401.2	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD 8-18-306.3.3	Y		Total valve, pressure relief, pump or compressor leaks $\geq$ 15 lb/day, they must be repaired within 7 days	None	N	
POC	SIP BAAQMD 8-25-302	Y		Pump leak $\leq$ 500 ppm	SIP BAAQMD 8-25-401.2 & 8-25-403	P/Q P/D	Portable hydrocarbon detector, records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - T
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 BAAQMD 8-25-303	Y		Compressor leak ≤ 500 ppm	SIP BAAQMD 8-25-401.2 & 8-25-403	P/Q P/D	Portable hydrocarbon detector, records
	SIP BAAQMD 8-25-304.1	Y		Pump or compressor repaired within 5 years or next scheduled turnaround	SIP BAAQMD 8-25-401.1 & 8-25-402	P/Q	Portable hydrocarbon detector, records
	SIP BAAQMD 8-25-304.2	Y		Awaiting repaired valves < 1.0%	SIP BAAQMD 8-25-401.1 & 8-25-402	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD 8-25-305	Y		New or replaced pump and compressor leak ≤ 500 ppm for 4 consecutive quarters	SIP BAAQMD 8-25-401.2 & 8-25-403	P/Q P/D	Portable hydrocarbon detector, records
	SIP BAAQMD 8-25-306	Y		Repeat pump , compressor leak must meet SIP BAAQMD 8-25-304 & 8-25-305	SIP BAAQMD 8-25-401.2 & 8-25-403	P/Q P/D	Portable hydrocarbon detector, records

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

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 6-301	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
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	Manual of Procedures, Volume IV, ST-34, Bulk and Marine Loading Terminals Vapor Recovery Units, ST-7, Organic compounds
BAAQMD 8-5-605	Pressure-Vacuum Valve Gas Tight Determination	EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks
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

VIII. Test Methods

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
SIP BAAQMD 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
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
b. Permit condition change for S3, S5 thru S13, and S18 thru S26
c. Alternative abatement device and permit condition change for S42
d. Added new sources, S31, S43, and S44
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.

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)

NOx
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

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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, NOx, PM10, and SO2.

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

POC
Precursor Organic Compounds

PM
Particulate Matter

PM10
Particulate matter with aerodynamic equivalent diameter of less than or equal to 10 microns

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

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

SO2
Sulfur dioxide

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

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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^2	=	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