

# Bay Area Air Quality Management District

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

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**Final**

## MAJOR FACILITY REVIEW PERMIT

**Issued To:**  
**SFPP, L.P.**  
**Facility #A4020**

**Facility Address:**  
2150 Kruse Drive  
San Jose, CA 95131

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

**Responsible Official**  
Eugene Braithwaite, Director, Operations  
707-438-2102

**Facility Contact**  
Kelly Johnson, Area Manager  
408-435-7399

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

**BAAQMD Permit Division Contact:**  
Dharam Singh

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

Signed by Peter F. Hess for Jack P. Broadbent \_\_\_\_\_  
Jack P. Broadbent, Executive Officer/Air Pollution Control Officer

December 13, 2004  
Date

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## I. STANDARD CONDITIONS

### A. Administrative Requirements

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

- BAAQMD Regulation 1 - General Provisions and Definitions  
(as amended by the District Board on 5/2/01);
- SIP Regulation 1 - General Provisions and Definitions  
(as approved by EPA through 6/28/99);
- BAAQMD Regulation 2, Rule 1 - Permits, General Requirements  
(as amended by the District Board on 8/1/01);
- SIP Regulation 2, Rule 1 - Permits, General Requirements  
(as approved by EPA through 1/26/99);
- 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 1/26/99);
- 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 1/26/99); and
- BAAQMD Regulation 2, Rule 6 - Permits, Major Facility Review  
(as amended by the District Board on 4/16/03).

### 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. If the permit renewal has not been issued by October 31, 2006, but a complete application for renewal has been submitted in accordance with the above deadlines, the existing permit will continue in force until the District takes final action on the renewal application. (Regulation 2-6-307, 404.2, 407 & 409.6; MOP Volume II, Part 3, §4.2)
2. The permit holder shall comply with all conditions of this permit. The permit consists of this document and all appendices. Any non-compliance with the terms and conditions of this permit will constitute a violation of the law and will be grounds for enforcement action; permit termination, revocation and re-issuance, or modification; or denial of a permit renewal application. (Regulation 2-6-307; MOP Volume II, Part 3, §4.11)
3. In the event any enforcement action is brought as a result of a violation of any term or condition of this permit, the fact that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with such term or condition shall not be a defense to such enforcement action. (MOP Volume II, Part 3, §4.11)
4. This permit may be modified, revoked, reopened and reissued, or terminated for cause. (Regulation 2-6-307, 409.8, 415; MOP Volume II, Part 3, §4.11)

## I. Standard Conditions

5. The filing of a request by the facility for a permit modification, revocation and re-issuance, or termination, or the filing of a notification of planned changes or anticipated non-compliance does not stay the applicability of any permit condition. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
6. This permit does not convey any property rights of any sort, or any exclusive privilege. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
7. The permit holder shall supply within 30 days any information that the District requests in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. (Regulation 1-441, Regulation 2-6-409.4 & 501; MOP Volume II, Part 3, §4.11)
8. Any records required to be maintained pursuant to this permit that the permittee considers to contain proprietary or trade secret information shall be prominently designated as such. Copies of any such proprietary or trade secret information which are provided to the District shall be maintained by the District in a locked confidential file, provided, however, that requests from the public for the review of any such information shall be handled in accordance with the District's procedures set forth in Section 11 of the District's Administrative Code. (Regulation 2-6-419; MOP Volume II, Part 3, §4.11)
9. Proprietary or trade secret information provided to EPA will be subject to the requirements of 40 CFR Part 2, Subpart B - Public Information, Confidentiality of Business Information. (40 CFR Part 2)
10. The emissions inventory submitted with the application for this Major Facility Review Permit is an estimate of actual emissions or the potential to emit for the time period stated and is included only as one means of determining applicable requirements for emission sources. It does not establish, or constitute a basis for establishing, any new emission limitations. (MOP Volume II, Part 3, §4.11)
11. The responsible official shall certify all documents submitted by the facility pursuant to the major facility review permit. The certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. The certifications shall be signed by a responsible official for the facility. (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 that is subject to this permit to the APCO and/or to his or her designee. (Regulation 1-440, Regulation 2-6-409.3; MOP Volume II, Part 3, §4.14)

### 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

## I. Standard Conditions

creation of the record. (Regulation 2-6-501, Regulation 3; MOP Volume II, Part 3, §4.7)

### F. Monitoring Reports

Reports of all required monitoring must be submitted to the District at least once every six months, except where an applicable requirement specifies more frequent reporting. The first reporting period for this permit shall be October 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

## **I. Standard Conditions**

(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 will thereafter determine whether breakdown relief will be granted in accordance with Regulation 1-433. (MOP Volume II, Part 3, §4.8)
2. The permit holder may seek relief from enforcement action for a violation of any of the terms and conditions of this permit by applying to the District's Hearing Board for a variance pursuant to Health and Safety Code Section 42350. The Hearing Board will determine after notice and hearing whether variance relief should be granted in accordance with the procedures and standards set forth in Health and Safety Code Section 42350 et seq. (MOP Volume II, Part 3, §4.8)
3. The granting by the District of breakdown relief or the issuance by the Hearing Board of a variance will not provide relief from federal enforcement. (MOP Volume II, Part 3, §4.8)

### **I. Severability**

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

### **J. Miscellaneous Conditions**

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

## 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  | Loading Rack #1                   | Bulk plant (truck/rail), multi-liquid                           |       | 10 gasoline fillers |
| 2  | Storage Tank SJ-1 (Multi-liquid)  | Chicago Bridge & Iron Company, Cone roof, internal floating pan |       | 405K gallon         |
| 3  | Storage Tank SJ-2 (Multi-liquid)  | Chicago Bridge & Iron Company, Cone roof, internal floating pan |       | 502K gallon         |
| 5  | Storage Tank SJ-4 (Multi-liquid)  | Chicago Bridge & Iron Company, Cone roof, internal floating pan |       | 912K gallon         |
| 6  | Storage Tank SJ-5 (Multi-liquid)  | Chicago Bridge & Iron Company, Cone roof, internal floating pan |       | 909K gallon         |
| 7  | Storage Tank SJ-7 (Multi-liquid)  | Chicago Bridge & Iron Company, Cone roof, internal floating pan |       | 2038K gallon        |
| 8  | Storage Tank SJ-8 (Multi-liquid)  | Chicago Bridge & Iron Company, Cone roof, internal floating pan |       | 1476K gallon        |
| 9  | Storage Tank SJ-9 (Multi-liquid)  | Chicago Bridge & Iron Company, Cone roof, internal floating pan |       | 1479K gallon        |
| 10 | Storage Tank SJ-10 (Multi-liquid) | Chicago Bridge & Iron Company, Cone roof, internal floating pan |       | 2040K gallon        |
| 12 | Storage Tank SJ-12 (Multi-liquid) | Chicago Bridge & Iron Company, Cone roof, internal floating pan |       | 525K gallon         |
| 13 | Storage Tank SJ-13 (Multi-liquid) | Chicago Bridge & Iron Company, Cone roof, internal floating pan |       | 1020K 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 SJ-14 (Multi-liquid) | Chicago Bridge & Iron Company, Cone roof, internal floating pan          |       | 815K gallon  |
| 16 | Storage Tank SJ-17 (Multi-liquid) | Chicago Bridge & Iron Company, Cone roof, internal floating pan          |       | 1016K gallon |
| 17 | Storage Tank SJ-18 (Multi-liquid) | Chicago Bridge & Iron Company, Cone roof, internal floating pan          |       | 91K gallon   |
| 18 | Storage Tank SJ-19 (Multi-liquid) | Chicago Bridge & Iron Company, Cone roof, internal floating pan          |       | 91K gallon   |
| 19 | Storage Tank SJ-20 (Multi-liquid) | Chicago Bridge & Iron Company, Cone roof, internal floating pan          |       | 1121K gallon |
| 20 | Storage Tank SJ-21 (Multi-liquid) | Chicago Bridge & Iron Company, Cone roof, internal floating pan          |       | 1017K gallon |
| 21 | Storage Tank SJ-22 (Multi-liquid) | Chicago Bridge & Iron Company, Cone roof, internal floating pan          |       | 1168K gallon |
| 22 | Storage Tank SJ-23 (Multi-liquid) | Pittsburg-Des Moines Steel Company, Cone roof, internal floating pan     |       | 1472K gallon |
| 23 | Storage Tank SJ-24 (Multi-liquid) | Pittsburg-Des Moines Steel Company, Cone roof, internal floating pan     |       | 1222K gallon |
| 25 | Storage Tank SJ-29 (Multi-liquid) | General American Transport Corporation, Cone roof, internal floating pan |       | 1756K 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            |
|----|-----------------------------------|--|-------|---------------------|
| 26 | Storage Tank SJ-30 (Multi-liquid) | General American Transport Corporation, Cone roof, internal floating pan |       | 3218K gallon        |
| 27 | Storage Tank SJ-31 (Multi-liquid) | General American Transport Corporation, Cone roof, internal floating pan |       | 2574K gallon        |
| 28 | Loading Rack #2 (Multi-liquid)    | Bulk plant (truck/rail), multi-liquid                                    |       | 10 gasoline fillers |
| 29 | Loading Rack #3 (Multi-liquid)    | Bulk plant (truck/rail), multi-liquid                                    |       | 12 gasoline fillers |
| 30 | Loading Rack #4 (Multi-liquid)    | Bulk plant (truck/rail), multi-liquid                                    |       | 9 gasoline fillers  |
| 31 | Loading Rack #5 (Multi-liquid)    | Bulk plant (truck/rail), multi-liquid                                    |       | 10 gasoline fillers |
| 32 | Loading Rack #6 (Multi-liquid)    | Bulk plant (truck/rail), multi-liquid                                    |       | 12 gasoline fillers |
| 33 | Storage Tank SJ-33 (Multi-liquid) | Chicago Bridge & Iron Company, Cone roof, internal floating pan          |       | 4200K gallon        |
| 34 | Storage Tank SJ-16 (Multi-liquid) | Chicago Bridge & Iron Company, Cone roof, internal floating pan          |       | 840K gallon         |
| 35 | Storage Tank SJ-27 (Multi-liquid) | General American Transport Corporation, Cone roof, internal floating pan |       | 840K gallon         |
| 36 | Storage Tank SJ-32 (Multi-liquid) | General American Transport Corporation, Cone roof, internal floating pan |       | 1742K 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            |
|----|-----------------------------------|--|-------|---------------------|
| 39 | Storage Tank (Multi-liquid)       | Underground, multi-liquid  |       | 2,100 gallon        |
| 40 | Storage Tank SJ-34 (Multi-liquid) | Pittsburg-Des Moines Steel Company, Cone roof, internal floating pan     |       | 2520K gallon        |
| 43 | Oil-Water Separator               | Enquip Model TSI-M-10-27   |       | 3.6K gallon/hr max. |
| 44 | Storage Tank SJ-28 (Multi-liquid) | General American Transport Corporation, Cone roof, internal floating pan |       | 706K gallon         |
| 45 | Sump Tank (Multi-liquid)          | Underground, fixed roof  |       | 2420 gallon         |

## II. Equipment

**Table II B - Abatement Devices**

| A# | Description   | Source(s)<br>Controlled     | Applicable<br>Requirement  | Operating<br>Parameters | Limit or Efficiency  |
|----|---|-----------------------------|--|-------------------------|--|
| 2  | Vapor Processing Unit, John Zink thermal oxidizer, 1000 cfm and vapor bladder | S1, S28, S29, S30, S31, S32 | BAAQMD Regulations 8-33-301, 8-33-302, 8-33-309, and Condition ID #7492, part 7, part 14 | 600 degrees Fahrenheit  | 0.08 lb of VOC/1000 gallons of organic liquid loaded; and Exhaust Hydrocarbon <200 ppm as Propane averaged over six hour period. |

### III. GENERALLY APPLICABLE REQUIREMENTS

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

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

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

The full language of SIP requirements is on EPA Region 9's website. The address is included at the end of this permit.

**NOTE:**

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

**Table III  
 Generally Applicable Requirements**

| Applicable Requirement      | Regulation Title or Description of Requirement | Federally Enforceable (Y/N) |
|-----------------------------|--|-----------------------------|
| BAAQMD Regulation 1         | General Provisions and Definitions (5/2/01)    | N                           |
| SIP Regulation 1            | General Provisions and Definitions (6/28/99)   | 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 (1/26/99)                 | Y                           |
| BAAQMD Regulation 4         | Air Pollution Episode Plan (3/20/91)           | N                           |
| SIP Regulation 4            | Air Pollution Episode Plan (8/06/90)           | Y                           |

### III. Generally Applicable Requirements

**Table III  
 Generally Applicable Requirements**

| <b>Applicable Requirement</b>                           | <b>Regulation Title or Description of Requirement</b>  | <b>Federally Enforceable (Y/N)</b> |
|---|--|------------------------------------|
| BAAQMD Regulation 5                                     | Open Burning (11/2/94)   | N                                  |
| SIP Regulation 5  | Open Burning (9/4/98)  | Y                                  |
| BAAQMD Regulation 6                                     | Particulate Matter and Visible Emissions (12/19/90)  | 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 (11/21/01)  | Y                                  |
| BAAQMD Regulation 8, Rule 18                            | Organic Compounds - Equipment Leaks (1/7/98)   | 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 33                            | Organic Compounds - Gasoline Bulk Terminals and Gasoline Delivery Vehicles (6/1/94)  | Y                                  |
| BAAQMD Regulation 8 Rule 40                             | Aeration of Contaminated Soil and Removal of Underground Storage Tanks (12/15/99)  | Y                                  |
| BAAQMD Regulation 8, Rule 47                            | Organic Compounds - Air Stripping and Soil Vapor Extraction Operations (6/15/94)   | 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 (10/7/98)   | N                                  |
| BAAQMD Regulation 12, Rule 4                            | Miscellaneous Standards of Performance - Sandblasting (7/11/90)  | N                                  |
| SIP Regulation 12, Rule 4                               | Miscellaneous Standards of Performance - Sandblasting (9/2/81)   | Y                                  |
| California Health and Safety Code Section 41750 et seq. | Portable Equipment   | N                                  |
| California Health and Safety Code Section 44300 et seq. | Air Toxics "Hot Spots" Information and Assessment Act of 1987  | N                                  |
| 40 CFR Part 61, Subpart M                               | National Emission Standards for Hazardous Air Pollutants – National Emission Standard for Asbestos (6/19/95)                     | Y                                  |

### III. Generally Applicable Requirements

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

| <b>Applicable Requirement</b> | <b>Regulation Title or Description of Requirement</b> | <b>Federally Enforceable (Y/N)</b> |
|-------------------------------|---|------------------------------------|
| EPA Regulation 40 CFR 82      | Protection of Stratospheric Ozone (2/21/95)           |                                    |
| Subpart F, 40 CFR 82.156      | Leak Repair   | Y                                  |
| Subpart F, 40 CFR 82.161      | Certification of Technicians                          | Y                                  |
| Subpart F, 40 CFR 82.166      | Records of Refrigerant                                | Y                                  |

#### IV. SOURCE-SPECIFIC APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP Rules and Regulations and other federal requirements cited below. The requirements cited in the following tables apply in a specific manner to the indicated source(s).

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

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

The full text of each permit condition cited is included in Section VI, Permit Conditions, of this permit. The full language of SIP requirements is on EPA Region 9's website. The address is included at the end of this permit. All other text may be found in the regulations themselves.

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

| Applicable Requirement              | Regulation Title or Description of Requirement                         | Federally Enforceable (Y/N) | Future Effective Date |
|-------------------------------------|--|-----------------------------|-----------------------|
| <b>BAAQMD Regulation 1</b>          | <b>General Provisions and Definitions (5/02/01)</b>                    |                             |                       |
| 1-523                               | Parametric Monitoring and Recordkeeping Requirements                   | Y                           |                       |
| <b>BAAQMD Regulation 8, Rule 33</b> | <b>Gasoline Bulk Terminals and Gasoline Delivery Vehicles (6/1/94)</b> |                             |                       |
| 8-33-112                            | Tank Gauging and Inspection  | Y                           |                       |
| 8-33-113                            | Maintenance and Repair Exemption                                       | Y                           |                       |
| 8-33-301                            | Gasoline Bulk Terminal Limitations                                     | Y                           |                       |
| 8-33-302                            | Vapor Recovery System Requirements                                     | Y                           |                       |
| 8-33-303                            | Bottom Fill Requirement  | Y                           |                       |
| 8-33-304                            | Delivery Vehicle Requirements  | Y                           |                       |
| 8-33-305                            | Equipment Maintenance  | Y                           |                       |
| 8-33-306                            | Operating Practices  | Y                           |                       |
| 8-33-307                            | Loading Practices  | Y                           |                       |
| 8-33-308                            | Vapor Diaphragm Requirements   | Y                           |                       |

## IV. Source-Specific Applicable Requirements

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

| <b>Applicable Requirement</b> | <b>Regulation Title or Description of Requirement</b>                         | <b>Federally Enforceable (Y/N)</b> | <b>Future Effective Date</b> |
|-------------------------------|---|------------------------------------|------------------------------|
| 8-33-309                      | Vapor Recovery System Requirements - Loading Rack                             | Y                                  |                              |
| 8-33-401                      | Equipment Installation and Modification                                       | Y                                  |                              |
| <b>40 CFR 60</b>              | <b>Standards of Performance for New Stationary Sources (12/23/71)</b>         | Y                                  |                              |
| Subpart A                     | General Provisions  | Y                                  |                              |
| 60.4(a)                       | Reports to EPA  | Y                                  |                              |
| 60.4(b)                       | Reports to the District   | Y                                  |                              |
| 60.7(a)                       | Written notification  | Y                                  |                              |
| 60.7(b)                       | Maintain records  | Y                                  |                              |
| 60.8                          | Performance Tests   | Y                                  |                              |
| 60.9                          | Availability of Information   | Y                                  |                              |
| 60.11(a)                      | Compliance with standards and maintenance requirements                        | Y                                  |                              |
| 60.11(d)                      | Minimizing emissions  | Y                                  |                              |
| 60.12                         | Circumvention   | Y                                  |                              |
| 60.19                         | General notification and reporting requirements                               | Y                                  |                              |
| <b>40 CFR 60, Subpart XX</b>  | <b>Standards of Performance for Bulk Gasoline Terminals (8/18/83)</b>         |                                    |                              |
| 60.502                        | Standards for Volatile Organic Compound (VOC) emissions                       |                                    |                              |
| 60.502(a)                     | Vapor collection system requirements  | Y                                  |                              |
| 60.502(b)                     | Volatile Organic Compound (VOC) emissions limit                               | Y                                  |                              |
| 60.502(d)                     | Prevention of vapor collected at one rack to another                          | Y                                  |                              |
| 60.502(e)                     | Loading to only vapor tight tank truck  | Y                                  |                              |
| 60.502(f)                     | Tank truck vapor collection compatible with terminal vapor collection system  | Y                                  |                              |
| 60.502(g)                     | Terminal and tank truck vapor collection system connected during each loading | Y                                  |                              |
| 60.502(h)                     | Tank truck pressure limit   | Y                                  |                              |
| 60.502(i)                     | Vapor collection system vent release pressure limit                           | Y                                  |                              |
| 60.502(j)                     | Vapor collection system leak inspection monthly                               | Y                                  |                              |
| 60.503                        | Test methods and procedures   |                                    |                              |
| 60.503(a)                     | Performance test methods and procedures                                       | Y                                  |                              |
| 60.503(b)                     | Monitor leakage   | Y                                  |                              |
| 60.503(c)                     | Emission compliance determination   | Y                                  |                              |
| 60.503(d)                     | Tank truck pressure compliance determination                                  | Y                                  |                              |
| 60.505                        | Reporting and record keeping  |                                    |                              |
| 60.505(a)                     | Tank truck vapor tightness documents  | Y                                  |                              |



## IV. Source-Specific Applicable Requirements

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

| <b>Applicable Requirement</b>  | <b>Regulation Title or Description of Requirement</b>   | <b>Federally Enforceable (Y/N)</b> | <b>Future Effective Date</b> |
|--------------------------------|---|------------------------------------|------------------------------|
| 60.505(b)                      | Update documents for each tank truck  | Y                                  |                              |
| 60.505(c)                      | Leak inspection records   | Y                                  |                              |
| 60.505(d)                      | Records of notification   | Y                                  |                              |
| 60.505(f)                      | Records of replacements or addition of components   | Y                                  |                              |
| <b>BAAQMD Condition # 7492</b> |   |                                    |                              |
| part 1                         | CARB certification (basis: BAAQMD Regulation 8-33-302)  | Y                                  |                              |
| part 2                         | Throughput limit, hourly (basis: BAAQMD Regulation 8-33-307, CARB certification )                             | Y                                  |                              |
| part 3                         | Throughput limit, daily (basis: BAAQMD Regulation 8-33-307, Cumulative increase)                              | Y                                  |                              |
| part 4                         | Recordkeeping requirements of throughput (basis: BAAQMD Regulation 2-6-501, Cumulative increase)              | Y                                  |                              |
| part 5                         | Monitoring instrument/equipment/ports requirements (basis: BAAQMD Regulation 8-33-308)                        | Y                                  |                              |
| part 6                         | Gasoline loading and abatement device operational requirements (basis: BAAQMD Regulations 8-33-301, 8-33-308) | Y                                  |                              |
| part 7                         | Abatement device exhaust VOC emission limit (basis: BAAQMD Regulation 8-33-301, Cumulative increase)          | Y                                  |                              |
| part 8                         | Vapor holder alarm requirements (basis: BAAQMD Regulation 8-33-308)   | Y                                  |                              |
| part 9                         | Vapor holder alarm analyzer setting requirements (basis: BAAQMD Regulation 8-33-308)                          | Y                                  |                              |
| part 10                        | Equipment operating condition requirements (basis: BAAQMD Regulation 8-33-305)                                | Y                                  |                              |
| part 11                        | Maintenance recordkeeping of vapor recovery system (basis: BAAQMD Regulation 2-6-501)                         | Y                                  |                              |
| part 12                        | Ethanol throughput limit (basis: Cumulative increase)   | Y                                  |                              |
| part 13                        | Abatement device requirement (basis: BAAQMD Regulation 8-33-301, BACT)  | Y                                  |                              |
| part 14                        | Abatement device operating temperature requirement (basis: Regulation 8-33-301)                               | Y                                  |                              |
| part 15                        | Temperature limit applicability and allowable temperature excursion (basis: Regulation 2-1-403)               | Y                                  |                              |

#### IV. Source-Specific Applicable Requirements

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

| Applicable Requirement | Regulation Title or Description of Requirement   | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------|--|-----------------------------|-----------------------|
| Part 16                | Temperature records recordkeeping (basis: Regulation 2-1-403, Regulation 2-6-501)                      | Y                           |                       |
| Part 17                | Temperature excursion (basis: Regulation 2-1-403)  | Y                           |                       |
| Part 18                | Temperature monitoring and recording device requirements and recordkeeping (basis: Regulation 2-6-501) | Y                           |                       |
| Part 19                | Operating mode change-record keeping requirements (basis: Regulation 2-6-409.7, 2-6-501)               | Y                           |                       |

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

| Applicable Requirement             | Regulation Title or Description of Requirement                        | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------------------|---|-----------------------------|-----------------------|
| <b>BAAQMD Regulation 8, Rule 5</b> | <b>Organic Compounds - Storage of Organic Liquids (11/27/2002)</b>    |                             |                       |
| 8-5-111                            | Limited Exemption, Tank Removal From and Return to Service            | Y                           |                       |
| 8-5-112                            | Limited Exemption, Tanks in Operation                                 | Y                           |                       |
| 8-5-301                            | Storage Tanks Control Requirements (>150 m3; >39,626 gallon capacity) | Y                           |                       |
| 8-5-303                            | Requirements for pressure vacuum Valves                               | Y                           |                       |
| 8-5-305                            | Requirements for Internal Floating Roofs                              | Y                           |                       |
| 8-5-305.2                          | Seals Requirements  | Y                           |                       |
| 8-5-305.4                          | Floating roof fittings requirements                                   | Y                           |                       |
| 8-5-305.5                          | Good operating condition  | Y                           |                       |
| 8-5-320                            | Tank Fitting requirements   | Y                           |                       |
| 8-5-320.2                          | Roof opening requirements   | Y                           |                       |
| 8-5-320.3                          | Roof opening requirements   | Y                           |                       |
| 8-5-320.4                          | Solid sampling or gauging wells requirements                          | Y                           |                       |
| 8-5-320.5                          | Slotted sampling or gauging wells requirements                        | Y                           |                       |

## IV. Source-Specific Applicable Requirements

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

| <b>Applicable Requirement</b> | <b>Regulation Title or Description of Requirement</b>                               | <b>Federally Enforceable (Y/N)</b> | <b>Future Effective Date</b> |
|-------------------------------|---|------------------------------------|------------------------------|
| 8-5-320.5.1                   | Well projection   | Y                                  |                              |
| 8-5-320.5.2                   | Well equipment requirements   | Y                                  |                              |
| 8-5-320.5.3                   | Gap measurements  | Y                                  |                              |
| 8-5-320.6                     | Emergency roof drain cover  | Y                                  |                              |
| 8-5-321                       | Primary Seal Requirements   | Y                                  |                              |
| 8-5-321.1                     | No openings such as holes etc.  | Y                                  |                              |
| 8-5-321.2                     | Seal metallic shoe  | Y                                  |                              |
| 8-5-321.3                     | Metallic-shoe-seal requirements   | Y                                  |                              |
| 8-5-321.3.1                   | Geometry of the shoe  | Y                                  |                              |
| 8-5-321.3.2                   | Welded tank gap allowed   | Y                                  |                              |
| 8-5-322                       | Secondary Seal requirements   | Y                                  |                              |
| 8-5-322.1                     | No openings such as holes etc.  | Y                                  |                              |
| 8-5-322.2                     | Insertion access to measure gaps in primary seal                                    | Y                                  |                              |
| 8-5-322.3                     | Welded tank secondary seal gap requirements   | Y                                  |                              |
| 8-5-322.5                     | Welded tank gap allowed   | Y                                  |                              |
| 8-5-322.6                     | Secondary seal extension and not attached to primary seal                           | Y                                  |                              |
| 8-5-328                       | Tank Degassing Requirements   | Y                                  |                              |
| 8-5-328.1                     | Degassing control requirements  | Y                                  |                              |
| 8-5-328.2                     | Ozone excess day prohibition  | Y                                  |                              |
| 8-5-402                       | Inspection Requirements for Internal Floating Roof Tanks                            | Y                                  |                              |
| 8-5-402.1                     | Primary and secondary seals inspection once every 10 years                          | Y                                  |                              |
| 8-5-402.2                     | Secondary Seal visual inspection twice per calendar year                            | Y                                  |                              |
| 8-5-402.3                     | Tank fittings inspection twice per calendar year                                    | Y                                  |                              |
| 8-5-403                       | Inspection Requirements for Pressure Vacuum Valves                                  | Y                                  |                              |
| 8-5-404                       | Certification   | Y                                  |                              |
| 8-5-405                       | Information Required  | Y                                  |                              |
| 8-5-501                       | Records   | Y                                  |                              |
| 8-5-501.1                     | Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges | Y                                  |                              |
| 8-5-501.2                     | Records of seal replacement for at least 10 years                                   | Y                                  |                              |
| 8-5-502                       | Tank Degassing Annual Source Test Requirement                                       | Y                                  |                              |
| 8-5-503                       | Portable Hydrocarbon Detector   | Y                                  |                              |

## IV. Source-Specific Applicable Requirements

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

| Applicable Requirement             | Regulation Title or Description of Requirement                                     | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------------------|--|-----------------------------|-----------------------|
| <b>BAAQMD Regulation 8, Rule 5</b> | <b>Organic Compounds - Storage of Organic Liquids (11/27/2002)</b>                 |                             |                       |
| 8-5-111                            | Limited Exemption, Tank Removal From and Return to Service                         | Y                           |                       |
| 8-5-112                            | Limited Exemption, Tanks in Operation  | Y                           |                       |
| 8-5-301                            | Storage Tanks Control Requirements (>150 m <sup>3</sup> ; >39,626 gallon capacity) | Y                           |                       |
| 8-5-303                            | Requirements for pressure vacuum Valves  | Y                           |                       |
| 8-5-305                            | Requirements for Internal Floating Roofs   | Y                           |                       |
| 8-5-305.2                          | Seals Requirements   | Y                           |                       |
| 8-5-305.4                          | Floating roof fittings requirements  | Y                           |                       |
| 8-5-305.5                          | Good operating condition   | Y                           |                       |
| 8-5-320                            | Tank Fitting requirements  | Y                           |                       |
| 8-5-320.2                          | Roof opening requirements  | Y                           |                       |
| 8-5-320.3                          | Roof opening requirements  | Y                           |                       |
| 8-5-320.4                          | Solid sampling or gauging wells requirements                                       | Y                           |                       |
| 8-5-320.5                          | Slotted sampling or gauging wells requirements                                     | Y                           |                       |
| 8-5-320.5.1                        | Well projection  | Y                           |                       |
| 8-5-320.5.2                        | Well equipment requirements  | Y                           |                       |
| 8-5-320.5.3                        | Gap measurements   | Y                           |                       |
| 8-5-320.6                          | Emergency roof drain cover   | Y                           |                       |
| 8-5-321                            | Primary Seal Requirements  | Y                           |                       |
| 8-5-321.1                          | No openings such as holes etc.   | Y                           |                       |
| 8-5-321.2                          | Seal metallic shoe   | Y                           |                       |
| 8-5-321.3                          | Metallic-shoe-seal requirements  | Y                           |                       |
| 8-5-321.3.1                        | Geometry of the shoe   | Y                           |                       |
| 8-5-321.3.2                        | Welded tank gap allowed  | Y                           |                       |
| 8-5-322                            | Secondary Seal requirements  | Y                           |                       |
| 8-5-322.1                          | No openings such as holes etc.   | Y                           |                       |

#### IV. Source-Specific Applicable Requirements

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

| <b>Applicable Requirement</b> | <b>Regulation Title or Description of Requirement</b>                               | <b>Federally Enforceable (Y/N)</b> | <b>Future Effective Date</b> |
|-------------------------------|---|------------------------------------|------------------------------|
| 8-5-322.2                     | Insertion access to measure gaps in primary seal                                    | Y                                  |                              |
| 8-5-322.3                     | Welded tank secondary seal gap requirements   | Y                                  |                              |
| 8-5-322.5                     | Welded tank gap allowed   | Y                                  |                              |
| 8-5-322.6                     | Secondary seal extension and not attached to primary seal                           | Y                                  |                              |
| 8-5-328                       | Tank Degassing Requirements   | Y                                  |                              |
| 8-5-328.1                     | Degassing control requirements  | Y                                  |                              |
| 8-5-328.2                     | Ozone excess day prohibition  | Y                                  |                              |
| 8-5-402                       | Inspection Requirements for Internal Floating Roof Tanks                            | Y                                  |                              |
| 8-5-402.1                     | Primary and secondary seals inspection once every 10 years                          | Y                                  |                              |
| 8-5-402.2                     | Secondary Seal visual inspection twice per calendar year                            | Y                                  |                              |
| 8-5-402.3                     | Tank fittings Inspection twice per calendar year                                    | Y                                  |                              |
| 8-5-403                       | Inspection Requirements for Pressure Vacuum Valves                                  | Y                                  |                              |
| 8-5-404                       | Certification   | Y                                  |                              |
| 8-5-405                       | Information Required  | Y                                  |                              |
| 8-5-501                       | Records   | Y                                  |                              |
| 8-5-501.1                     | Records, type and amount of liquid, type of blanket gas, true vapor pressure ranges | Y                                  |                              |
| 8-5-501.2                     | Records of seal replacement for at least 10 years                                   | Y                                  |                              |
| 8-5-502                       | Tank Degassing Annual Source Test Requirement                                       | Y                                  |                              |
| 8-5-503                       | Portable Hydrocarbon Detector   | Y                                  |                              |

## IV. Source-Specific Applicable Requirements

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

| Applicable Requirement             | Regulation Title or Description of Requirement                                     | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------------------|--|-----------------------------|-----------------------|
| <b>BAAQMD Regulation 8, Rule 5</b> | <b>Organic Compounds - Storage of Organic Liquids (11/27/2002)</b>                 |                             |                       |
| 8-5-111                            | Limited Exemption, Tank Removal From and Return to Service                         | Y                           |                       |
| 8-5-112                            | Limited Exemption, Tanks in Operation  | Y                           |                       |
| 8-5-301                            | Storage Tanks Control Requirements (.150 m <sup>3</sup> ; >39,626 gallon capacity) | Y                           |                       |
| 8-5-303                            | Requirements for pressure vacuum Valves  | Y                           |                       |
| 8-5-305                            | Requirements for Internal Floating Roofs   | Y                           |                       |
| 8-5-305.1.1                        | Liquid mounted primary seal  | Y                           |                       |
| 8-5-305.4                          | Floating roof fittings requirements  | Y                           |                       |
| 8-5-305.5                          | Good operating condition   | Y                           |                       |
| 8-5-320                            | Tank Fitting requirements  | Y                           |                       |
| 8-5-320.2                          | Roof opening requirements  | Y                           |                       |
| 8-5-320.3                          | Roof opening requirements  | Y                           |                       |
| 8-5-320.4                          | Solid sampling or gauging wells requirements                                       | Y                           |                       |
| 8-5-320.5                          | Slotted sampling or gauging wells requirements                                     | Y                           |                       |
| 8-5-320.5.1                        | Well projection  | Y                           |                       |
| 8-5-320.5.2                        | Well equipment requirements  | Y                           |                       |
| 8-5-320.5.3                        | Gap measurements   | Y                           |                       |
| 8-5-320.6                          | Emergency roof drain cover   | Y                           |                       |
| 8-5-321                            | Primary Seal Requirements  | Y                           |                       |
| 8-5-321.1                          | No openings such as holes etc.   | Y                           |                       |
| 8-5-321.2                          | Seal liquid mounted  | Y                           |                       |
| 8-5-328                            | Tank Degassing Requirements  | Y                           |                       |
| 8-5-328.1                          | Degassing control requirements   | Y                           |                       |
| 8-5-328.2                          | Ozone excess day prohibition   | Y                           |                       |
| 8-5-402                            | Inspection Requirements for Internal Floating Roof Tanks                           | Y                           |                       |
| 8-5-402.1                          | Primary Seal Inspection once in 10 years   | Y                           |                       |
| 8-5-402.3                          | Tank fittings inspection twice per calendar year                                   | Y                           |                       |
| 8-5-403                            | Inspection Requirements for Pressure Vacuum Valves                                 | Y                           |                       |
| 8-5-404                            | Certification  | Y                           |                       |
| 8-5-405                            | Information Required   | Y                           |                       |

#### IV. Source-Specific Applicable Requirements

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

| Applicable Requirement | Regulation Title or Description of Requirement   | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------|--|-----------------------------|-----------------------|
| 8-5-501                | Records  | Y                           |                       |
| 8-5-501.1              | Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases | Y                           |                       |
| 8-5-501.2              | Records of seal replacement for at least 10 years.   | Y                           |                       |
| 8-5-502                | Tank Degassing Annual Source Test Requirement  | Y                           |                       |
| 8-5-503                | Portable Hydrocarbon Detector  | Y                           |                       |

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

| Applicable Requirement             | Regulation Title or Description of Requirement                                     | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------------------|--|-----------------------------|-----------------------|
| <b>BAAQMD Regulation 8, Rule 5</b> | <b>Organic Compounds - Storage of Organic Liquids (11/27/2002)</b>                 |                             |                       |
| 8-5-111                            | Limited Exemption, Tank Removal From and Return to Service                         | Y                           |                       |
| 8-5-112                            | Limited Exemption, Tanks in Operation  | Y                           |                       |
| 8-5-301                            | Storage Tanks Control requirements (>150 m <sup>3</sup> ; >39,626 gallon capacity) | Y                           |                       |
| 8-5-303                            | Requirements for pressure vacuum Valves  | Y                           |                       |
| 8-5-305                            | Requirements for Internal Floating Roofs   | Y                           |                       |
| 8-5-305.1.1                        | Liquid mounted primary seal  | Y                           |                       |
| 8-5-305.4                          | Floating roof fittings requirements  | Y                           |                       |
| 8-5-305.5                          | Good operating condition   | Y                           |                       |
| 8-5-320                            | Tank Fitting requirements  | Y                           |                       |
| 8-5-320.2                          | Roof opening requirements  | Y                           |                       |
| 8-5-320.3                          | Roof opening requirements  | Y                           |                       |
| 8-5-320.4                          | Solid sampling or gauging wells requirements                                       | Y                           |                       |
| 8-5-320.5                          | Slotted sampling or gauging wells requirements                                     | Y                           |                       |
| 8-5-320.5.1                        | Well projection  | Y                           |                       |

#### IV. Source-Specific Applicable Requirements

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

| <b>Applicable Requirement</b> | <b>Regulation Title or Description of Requirement</b>  | <b>Federally Enforceable (Y/N)</b> | <b>Future Effective Date</b> |
|-------------------------------|--|------------------------------------|------------------------------|
| 8-5-320.5.2                   | Well equipment requirements  | Y                                  |                              |
| 8-5-320.5.3                   | Gap measurements   | Y                                  |                              |
| 8-5-320.6                     | Emergency roof drain cover   | Y                                  |                              |
| 8-5-321                       | Primary Seal Requirements  | Y                                  |                              |
| 8-5-321.1                     | No openings such as holes etc.   | Y                                  |                              |
| 8-5-321.2                     | Seal liquid mounted  | Y                                  |                              |
| 8-5-328                       | Tank Degassing Requirements  | Y                                  |                              |
| 8-5-328.1                     | Degassing control requirements   | Y                                  |                              |
| 8-5-328.2                     | Ozone excess day prohibition   | Y                                  |                              |
| 8-5-402                       | Inspection Requirements for Internal Floating Roof Tanks   | Y                                  |                              |
| 8-5-402.1                     | Primary Seal Inspection once in 10 years   | Y                                  |                              |
| 8-5-401.3                     | Tank fittings inspection twice per calendar year   | Y                                  |                              |
| 8-5-403                       | Inspection Requirements for Pressure Vacuum Valves   | Y                                  |                              |
| 8-5-404                       | Certification  | Y                                  |                              |
| 8-5-405                       | Information Required   | Y                                  |                              |
| 8-5-501                       | Records  | Y                                  |                              |
| 8-5-501.1                     | Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases | Y                                  |                              |
| 8-5-501.2                     | Records of seal replacement for at least 10 years.   | Y                                  |                              |
| 8-5-502                       | Tank Degassing Annual Source Test Requirement  | Y                                  |                              |
| 8-5-503                       | Portable Hydrocarbon Detector  | Y                                  |                              |
| <b>BAAQMD Condition #5406</b> |  |                                    |                              |
| part 1                        | Ethanol throughput limit, yearly (basis: Cumulative increase)                                      | Y                                  |                              |
| part 2                        | Recordkeeping requirements of throughput (basis: BAAQMD Regulation 2-6-501, Cumulative increase)   | Y                                  |                              |



## IV. Source-Specific Applicable Requirements

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

| Applicable Requirement             | Regulation Title or Description of Requirement                        | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------------------|---|-----------------------------|-----------------------|
| <b>BAAQMD Regulation 8, Rule 5</b> | <b>Organic Compounds - Storage of Organic Liquids (11/27/2002)</b>    |                             |                       |
| 8-5-111                            | Limited Exemption, Tank Removal From and Return to Service            | Y                           |                       |
| 8-5-112                            | Limited Exemption, Tanks in Operation                                 | Y                           |                       |
| 8-5-301                            | Storage Tanks Control requirements (>150 m3; >39,626 gallon capacity) | Y                           |                       |
| 8-5-303                            | Requirements for pressure vacuum Valves                               | Y                           |                       |
| 8-5-305                            | Requirements for Internal Floating Roofs                              | Y                           |                       |
| 8-5-305.2                          | Seals Requirements  | Y                           |                       |
| 8-5-305.4                          | Floating roof fittings requirements                                   | Y                           |                       |
| 8-5-305.5                          | Good operating condition  | Y                           |                       |
| 8-5-320                            | Tank Fitting requirements   | Y                           |                       |
| 8-5-320.2                          | Roof opening requirements   | Y                           |                       |
| 8-5-320.3                          | Roof opening requirements   | Y                           |                       |
| 8-5-320.4                          | Solid sampling or gauging wells requirements                          | Y                           |                       |
| 8-5-320.5                          | Slotted sampling or gauging wells requirements                        | Y                           |                       |
| 8-5-320.5.1                        | Well projection   | Y                           |                       |
| 8-5-320.5.2                        | Well equipment requirements   | Y                           |                       |
| 8-5-320.5.3                        | Gap measurements  | Y                           |                       |
| 8-5-320.6                          | Emergency roof drain cover  | Y                           |                       |
| 8-5-321                            | Primary Seal Requirements   | Y                           |                       |
| 8-5-321.1                          | No openings such as holes etc.  | Y                           |                       |
| 8-5-321.2                          | Seal metallic shoe  | Y                           |                       |
| 8-5-321.3                          | Metallic-shoe-seal requirements                                       | Y                           |                       |
| 8-5-321.3.1                        | Geometry of the shoe  | Y                           |                       |
| 8-5-321.3.2                        | Welded tank gap allowed   | Y                           |                       |
| 8-5-322                            | Secondary Seal requirements   | Y                           |                       |
| 8-5-322.1                          | No openings such as holes etc.  | Y                           |                       |
| 8-5-322.2                          | Insertion access to measure gaps in primary seal                      | Y                           |                       |
| 8-5-322.3                          | Welded tank secondary seal gap allowed                                | Y                           |                       |
| 8-5-322.5                          | Welded tank gap allowed   | Y                           |                       |
| 8-5-322.6                          | Secondary seal extension and not attached to primary seal             | Y                           |                       |

## IV. Source-Specific Applicable Requirements

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

| <b>Applicable Requirement</b> | <b>Regulation Title or Description of Requirement</b>   | <b>Federally Enforceable (Y/N)</b> | <b>Future Effective Date</b> |
|-------------------------------|---|------------------------------------|------------------------------|
| 8-5-328                       | Tank Degassing Requirements   | Y                                  |                              |
| 8-5-328.1                     | Degassing control requirements  | Y                                  |                              |
| 8-5-328.2                     | Ozone excess day prohibition  | Y                                  |                              |
| 8-5-402                       | Inspection Requirements for Internal Floating Roof Tanks  | Y                                  |                              |
| 8-5-402.1                     | Primary and secondary seals inspection once every 10 years  | Y                                  |                              |
| 8-5-402.2                     | Secondary Seal visual inspection twice per calendar year  | Y                                  |                              |
| 8-5-402.3                     | Tank fittings Inspection twice per calendar year  | Y                                  |                              |
| 8-5-403                       | Inspection Requirements for Pressure Vacuum Valves  | Y                                  |                              |
| 8-5-404                       | Certification   | Y                                  |                              |
| 8-5-405                       | Information Required  | Y                                  |                              |
| 8-5-501                       | Records   | Y                                  |                              |
| 8-5-501.1                     | Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases  | Y                                  |                              |
| 8-5-501.2                     | Records of seal replacement for at least 10 years.  | Y                                  |                              |
| 8-5-502                       | Tank Degassing Annual Source Test Requirement   | Y                                  |                              |
| 8-5-503                       | Portable Hydrocarbon Detector   | Y                                  |                              |
| <b>40 CFR 60</b>              | <b>Standards of Performance for New Stationary Sources (12/23/71)</b>   | Y                                  |                              |
| Subpart A                     | General Provisions  | Y                                  |                              |
| 60.4(a)                       | Reports to EPA  | Y                                  |                              |
| 60.4(b)                       | Reports to the District   | Y                                  |                              |
| 60.7(a)                       | Written notification  | Y                                  |                              |
| 60.7(b)                       | Records   | Y                                  |                              |
| 60.8                          | Performance Tests   | Y                                  |                              |
| 60.9                          | Availability of Information   | Y                                  |                              |
| 60.11(a)                      | Compliance with standards and maintenance requirements  | Y                                  |                              |
| 60.11(d)                      | Minimizing emissions  | Y                                  |                              |
| 60.12                         | Circumvention   | Y                                  |                              |
| 60.19                         | General notification and reporting requirements   | Y                                  |                              |
| <b>40 CFR 60, Subpart Kb</b>  | <b>Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 (4/8/87)</b> |                                    |                              |
| 60.112b(a)(1)                 | Internal floating roof requirement & specifications   | Y                                  |                              |
| 60.112b(a)                    | Rest or float on liquid surface   | Y                                  |                              |

## IV. Source-Specific Applicable Requirements

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

| <b>Applicable Requirement</b> | <b>Regulation Title or Description of Requirement</b>   | <b>Federally Enforceable (Y/N)</b> | <b>Future Effective Date</b> |
|-------------------------------|---|------------------------------------|------------------------------|
| (1)(i)                        |   |                                    |                              |
| 60.112b(a)<br>(1)(ii)(C)      | Mechanical shoe seal for S33  | Y                                  |                              |
| 60.112b(a)<br>(1)(ii)(A)      | Foam log seal for S40   | Y                                  |                              |
| 60.112b(a)(1)<br>(iii)        | Opening projection requirement except automatic bleeder and rim space vents   | Y                                  |                              |
| 60.112b(a)(1)<br>(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)<br>(v)          | Gasket for automatic bleeder vents  | Y                                  |                              |
| 60.112b(a)(1)<br>(vi)         | Gasket for rim space vents  | Y                                  |                              |
| 60.112b(a)(1)<br>(vii)        | Slit fabric cover for sample wells  | Y                                  |                              |
| 60.112b(a)(1)<br>(viii)       | Flexible fabric sleeve or gasketed sliding cover for each penetration that allows for passage of fixed roof supporting column               | Y                                  |                              |
| 60.112b(a)(1)<br>(ix)         | Gasketed sliding cover for each penetration that allows for passage of ladder   | Y                                  |                              |
| 60.113b                       | Testing and procedures  | Y                                  |                              |
| 60.113b(a)(1)                 | Visual Seal inspection before filling the vessel  | Y                                  |                              |
| 60.113b(a)(2)                 | Inspection once every 12 months after initial fill  | Y                                  |                              |
| 60.113b(a)(4)                 | Visual seal inspection each time tank is emptied and degassed   | Y                                  |                              |
| 60.113b(a)(5)                 | Notify Administrator  | Y                                  |                              |
| 60.115b                       | Reporting and recordkeeping   | Y                                  |                              |
| 60.115b(a)<br>(1)             | Furnish report to the Administrator   | Y                                  |                              |
| 60.115b(a)<br>(2)             | Record of each inspection   | Y                                  |                              |
| 60.115b(a)<br>(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                                  |                              |

#### IV. Source-Specific Applicable Requirements

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

| Applicable Requirement | Regulation Title or Description of Requirement                               | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------|--|-----------------------------|-----------------------|
| 60.116b(a)             | Recordkeeping for 2 years  | Y                           |                       |
| 60.116b(c)             | Records of liquid stored, period of storage, and maximum true vapor pressure | Y                           |                       |
| 60.116b(d)             | Notify the Administrator   | Y                           |                       |
| 60.116b(e)             | Determination of maximum vapor pressure                                      | Y                           |                       |

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

| Applicable Requirement             | Regulation Title or Description of Requirement                                     | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------------------|--|-----------------------------|-----------------------|
| <b>BAAQMD Regulation 8, Rule 5</b> | <b>Organic Compounds - Storage of Organic Liquids ( 11/27/2002)</b>                |                             |                       |
| 8-5-111                            | Limited Exemption, Tank Removal From and Return to Service                         | Y                           |                       |
| 8-5-112                            | Limited Exemption, Tanks in Operation  | Y                           |                       |
| 8-5-301                            | Storage Tanks Control requirements (>150 m <sup>3</sup> ; >39,626 gallon capacity) | Y                           |                       |
| 8-5-303                            | Requirements for pressure vacuum Valves  | Y                           |                       |
| 8-5-305                            | Requirements for Internal Floating Roofs   | Y                           |                       |
| 8-5-305.2                          | Seals Requirements   | Y                           |                       |
| 8-5-305.4                          | Floating roof fittings requirements  | Y                           |                       |
| 8-5-305.5                          | Good operating condition   | Y                           |                       |
| 8-5-320                            | Tank Fitting requirements  | Y                           |                       |
| 8-5-320.2                          | Roof opening requirements  | Y                           |                       |
| 8-5-320.3                          | Roof opening requirements  | Y                           |                       |
| 8-5-320.4                          | Solid sampling or gauging wells requirements                                       | Y                           |                       |
| 8-5-320.5                          | Slotted sampling or gauging wells requirements                                     | Y                           |                       |
| 8-5-320.5.1                        | Well projection  | Y                           |                       |
| 8-5-320.5.2                        | Well equipment requirements  | Y                           |                       |

## IV. Source-Specific Applicable Requirements

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

| <b>Applicable Requirement</b> | <b>Regulation Title or Description of Requirement</b>  | <b>Federally Enforceable (Y/N)</b> | <b>Future Effective Date</b> |
|-------------------------------|--|------------------------------------|------------------------------|
| 8-5-320.5.3                   | Gap measurements   | Y                                  |                              |
| 8-5-320.6                     | Emergency roof drain cover   | Y                                  |                              |
| 8-5-321                       | Primary Seal Requirements  | Y                                  |                              |
| 8-5-321.1                     | No openings such as holes etc.   | Y                                  |                              |
| 8-5-321.2                     | Seal metallic shoe   | Y                                  |                              |
| 8-5-321.3                     | Metallic-shoe-seal requirements  | Y                                  |                              |
| 8-5-321.3.1                   | Geometry of the shoe   | Y                                  |                              |
| 8-5-321.3.2                   | Welded tank gap allowed  | Y                                  |                              |
| 8-5-322                       | Secondary Seal requirements  | Y                                  |                              |
| 8-5-322.1                     | No openings such as holes etc.   | Y                                  |                              |
| 8-5-322.2                     | Insertion access to measure gaps in primary seal   | Y                                  |                              |
| 8-5-322.3                     | Welded tank secondary seal gap requirements  | Y                                  |                              |
| 8-5-322.5                     | Welded tank gap allowed  | Y                                  |                              |
| 8-5-322.6                     | Secondary seal extension and not attached to primary seal  | Y                                  |                              |
| 8-5-328                       | Tank Degassing Requirements  | Y                                  |                              |
| 8-5-328.1                     | Degassing control requirements   | Y                                  |                              |
| 8-5-328.2                     | Ozone excess day prohibition   | Y                                  |                              |
| 8-5-402                       | Inspection Requirements for Internal Floating Roof Tanks   | Y                                  |                              |
| 8-5-402.1                     | Primary and secondary seals inspection once every 10 years   | Y                                  |                              |
| 8-5-402.2                     | Secondary Seal visual inspection twice per calendar year   | Y                                  |                              |
| 8-5-402.3                     | Tank fittings Inspection twice per calendar year   | Y                                  |                              |
| 8-5-403                       | Inspection Requirements for Pressure Vacuum Valves   | Y                                  |                              |
| 8-5-404                       | Certification  | Y                                  |                              |
| 8-5-405                       | Information Required   | Y                                  |                              |
| 8-5-501                       | Records  | Y                                  |                              |
| 8-5-501.1                     | Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases | Y                                  |                              |
| 8-5-501.2                     | Records of seal replacement for at least 10 years.   | Y                                  |                              |
| 8-5-502                       | Tank Degassing Annual Source Test Requirement  | Y                                  |                              |
| 8-5-503                       | Portable Hydrocarbon Detector  | Y                                  |                              |
| <b>40 CFR 60</b>              | <b>Standards of Performance for New Stationary Sources (12/23/71)</b>                              | Y                                  |                              |
| Subpart A                     | General Provisions   | Y                                  |                              |
| 60.4(a)                       | Reports to EPA   | Y                                  |                              |

## IV. Source-Specific Applicable Requirements

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

| Applicable Requirement       | Regulation Title or Description of Requirement  | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------------|---|-----------------------------|-----------------------|
| 60.4(b)                      | Reports to the District   | Y                           |                       |
| 60.7(a)                      | Written notification  | Y                           |                       |
| 60.7(b)                      | Maintain records  | Y                           |                       |
| 60.8                         | Performance Tests   | Y                           |                       |
| 60.9                         | Availability of Information   | Y                           |                       |
| 60.11(a)                     | Compliance with standards and maintenance requirements  | Y                           |                       |
| 60.11(d)                     | Minimizing emissions  | Y                           |                       |
| 60.12                        | Circumvention   | Y                           |                       |
| 60.13                        | Reconstruction  | Y                           |                       |
| 60.19                        | General notification and reporting requirements   | Y                           |                       |
| <b>40 CFR 60, Subpart Ka</b> | <b>Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 (4/4/80)</b> |                             |                       |
| 60.112a(a)(2)                | Fixed roof with an internal floating type cover   | Y                           |                       |
| 60.115a(a)                   | Record keeping  | Y                           |                       |
| 60.115a(b)                   | True vapor pressure determination   | Y                           |                       |
| 60.115a(c)                   | Crude oil true vapor pressure determination   | Y                           |                       |

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

| Applicable Requirement             | Regulation Title or Description of Requirement  | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------------------|---|-----------------------------|-----------------------|
| <b>BAAQMD Regulation 8, Rule 5</b> | <b>Organic Compounds - Storage of Organic Liquids (11/27/2002)</b>                          |                             |                       |
| 8-5-301                            | Storage Tanks Control Requirements (Smaller than 75 m <sup>3</sup> ): a submerged fill pipe | Y                           |                       |

#### IV. Source-Specific Applicable Requirements

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

| Applicable Requirement             | Regulation Title or Description of Requirement   | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------------------|--|-----------------------------|-----------------------|
| <b>BAAQMD Regulation 8, Rule 8</b> | <b>Organic Compounds - Wastewater (Oil-Water) Separators (11/1/89)</b>   |                             |                       |
| 8-8-301                            | Wastewater separators greater than 760 liter per day (200 gallons/day) and smaller than 18.9 liter per second (300 gallons/minute) | Y                           |                       |
| 8-8-301.1                          | Solid, vapor-tight, full contact fixed cover requirements  | Y                           |                       |
| 8-8-303                            | Gauging and Sampling Devices requirements  | Y                           |                       |
| 8-8-305                            | Oil/water Separator and/or Air Flotation Unit slop oil vessels   | Y                           |                       |
| 8-8-305.1                          | Solid, gasketed, fixed cover, etc. requirements  | Y                           |                       |
| 8-8-306                            | Oil/water Separator Effluent Channel, Pond, Trench, or Basin   | Y                           |                       |
| 8-8-306.1                          | Solid, gasketed, fixed cover, etc. requirements  | Y                           |                       |
| 8-8-308                            | Junction Box requirements  | Y                           |                       |
| 8-8-501                            | Bypassed wastewater recordkeeping requirements   | Y                           |                       |
| 8-8-503                            | Inspections and repairs recordkeeping requirements   | Y                           |                       |
| 8-8-603                            | Inspection Procedures  | Y                           |                       |

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

| Applicable Requirement             | Regulation Title or Description of Requirement                                     | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------------------|--|-----------------------------|-----------------------|
| <b>BAAQMD Regulation 8, Rule 5</b> | <b>Organic Compounds - Storage of Organic Liquids (11/27/2002)</b>                 |                             |                       |
| 8-5-111                            | Limited Exemption, Tank Removal From and Return to Service                         | Y                           |                       |
| 8-5-112                            | Limited Exemption, Tanks in Operation  | Y                           |                       |
| 8-5-301                            | Storage Tanks Control requirements (>150 m <sup>3</sup> ; >39,626 gallon capacity) | Y                           |                       |
| 8-5-303                            | Requirements for pressure vacuum Valves  | Y                           |                       |

## IV. Source-Specific Applicable Requirements

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

| <b>Applicable Requirement</b> | <b>Regulation Title or Description of Requirement</b>  | <b>Federally Enforceable (Y/N)</b> | <b>Future Effective Date</b> |
|-------------------------------|--|------------------------------------|------------------------------|
| 8-5-305                       | Requirements for Internal Floating Roofs   | Y                                  |                              |
| 8-5-305.2                     | Seals Requirements   | Y                                  |                              |
| 8-5-305.4                     | Floating roof fittings requirements  | Y                                  |                              |
| 8-5-305.5                     | Good operating condition   | Y                                  |                              |
| 8-5-320                       | Tank Fitting requirements  | Y                                  |                              |
| 8-5-320.2                     | Roof opening requirements  | Y                                  |                              |
| 8-5-320.3                     | Roof opening requirements  | Y                                  |                              |
| 8-5-320.4                     | Solid sampling or gauging wells requirements   | Y                                  |                              |
| 8-5-320.5                     | Slotted sampling or gauging wells requirements   | Y                                  |                              |
| 8-5-320.5.1                   | Well projection  | Y                                  |                              |
| 8-5-320.5.3                   | Gap measurements   | Y                                  |                              |
| 8-5-320.6                     | Emergency roof drain cover   | Y                                  |                              |
| 8-5-321                       | Primary Seal Requirements  | Y                                  |                              |
| 8-5-321.1                     | No openings such as holes etc.   | Y                                  |                              |
| 8-5-321.2                     | Seal liquid mounted  | Y                                  |                              |
| 8-5-322                       | Secondary Seal requirements  | Y                                  |                              |
| 8-5-322.1                     | No openings such as holes etc.   | Y                                  |                              |
| 8-5-322.2                     | Insertion access to measure gaps in primary seal   | Y                                  |                              |
| 8-5-322.3                     | Welded tank gap allowed  | Y                                  |                              |
| 8-5-328                       | Tank Degassing Requirements  | Y                                  |                              |
| 8-5-328.1                     | Degassing control requirements   | Y                                  |                              |
| 8-5-328.2                     | Ozone excess day prohibition   | Y                                  |                              |
| 8-5-402                       | Inspection Requirements for Internal Floating Roof Tanks   | Y                                  |                              |
| 8-5-402.1                     | Primary and secondary seals inspection once every 10 years   | Y                                  |                              |
| 8-5-402.2                     | Secondary Seal visual inspection twice per calendar year   | Y                                  |                              |
| 8-5-402.3                     | Tank fittings Inspection twice per calendar year   | Y                                  |                              |
| 8-5-403                       | Inspection requirements for pressure vacuum valves   | Y                                  |                              |
| 8-5-404                       | Certification  | Y                                  |                              |
| 8-5-405                       | Information Required   | Y                                  |                              |
| 8-5-501                       | Records  | Y                                  |                              |
| 8-5-501.1                     | Type and amount of liquids stored, type of blanket gases, true vapor pressure of liquids and gases | Y                                  |                              |
| 8-5-501.2                     | Records of seal replacement for at least 10 years.   | Y                                  |                              |
| 8-5-502                       | Tank Degassing Annual Source Test Requirement  | Y                                  |                              |



## IV. Source-Specific Applicable Requirements

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

| Applicable Requirement       | Regulation Title or Description of Requirement  | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------------|---|-----------------------------|-----------------------|
| 8-5-503                      | Portable Hydrocarbon Detector   | Y                           |                       |
| <b>40 CFR 60</b>             | <b>Standards of Performance for New Stationary Sources (12/23/71)</b>   | Y                           |                       |
| Subpart A                    | General Provisions  | Y                           |                       |
| 60.4(a)                      | Reports to EPA  | Y                           |                       |
| 60.4(b)                      | Reports to the District   | Y                           |                       |
| 60.7(a)                      | Written notification  | Y                           |                       |
| 60.7(b)                      | Records   | Y                           |                       |
| 60.8                         | Performance Tests   | Y                           |                       |
| 60.9                         | Availability of Information   | Y                           |                       |
| 60.11(a)                     | Compliance with standards and maintenance requirements  | Y                           |                       |
| 60.11(d)                     | Minimizing emissions  | Y                           |                       |
| 60.12                        | Circumvention   | Y                           |                       |
| 60.13                        | Reconstruction  | Y                           |                       |
| 60.19                        | General notification and reporting requirements   | Y                           |                       |
| <b>40 CFR 60, Subpart Ka</b> | <b>Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 (4/4/80)</b> |                             |                       |
| 60.112a(a)(2)                | Fixed roof with an internal floating type cover   | Y                           |                       |
| 60.115a(a)                   | Record keeping  | Y                           |                       |
| 60.115a(b)                   | True vapor pressure determination   | Y                           |                       |
| 60.115a(c)                   | Crude oil true vapor pressure determination   | Y                           |                       |

#### IV. Source-Specific Applicable Requirements

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

| Applicable Requirement             | Regulation Title or Description of Requirement   | Federally Enforceable (Y/N) | Future Effective Date |
|------------------------------------|--|-----------------------------|-----------------------|
| <b>BAAQMD Regulation 8, Rule 5</b> | <b>Organic Compounds - Storage of Organic Liquids (11/27/2002)</b>                                 |                             |                       |
| 8-5-301                            | Storage Tanks Control Requirements (Smaller than 75 m <sup>3</sup> ): <b>a submerged fill pipe</b> | Y                           |                       |
| <b>BAAQMD Condition # 16514</b>    |  |                             |                       |
| part 1                             | Throughput limit, yearly (basis: Cumulative increase)  | Y                           |                       |
| part 2                             | Recordkeeping requirements of throughput (basis: BAAQMD Regulation 2-6-501, Cumulative increase)   | Y                           |                       |

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

| Applicable Requirement              | Regulation Title or Description of Requirement         | Federally Enforceable (Y/N) | Future Effective Date |
|-------------------------------------|--|-----------------------------|-----------------------|
| <b>BAAQMD Regulation 8, Rule 18</b> | <b>Organic Compounds-Equipment Leaks ( 11/27/2002)</b> |                             |                       |
| 8-18-301                            | General  | Y                           |                       |
| 8-18-302                            | Valves   | Y                           |                       |
| 8-18-303                            | Pumps and compressors                                  | Y                           |                       |
| 8-18-304                            | Connectors   | Y                           |                       |
| 8-18-305                            | Pressure relief devices                                | Y                           |                       |
| 8-18-306                            | Non-repairable equipment                               | Y                           |                       |
| 8-18-307                            | Liquid Leaks   | Y                           |                       |
| 8-18-308                            | Alternate compliance                                   | Y                           |                       |
| 8-18-401                            | Inspection requirements                                | Y                           |                       |

#### IV. Source-Specific Applicable Requirements

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

| <b>Applicable Requirement</b>                       | <b>Regulation Title or Description of Requirement</b>  | <b>Federally Enforceable (Y/N)</b> | <b>Future Effective Date</b> |
|---|--|------------------------------------|------------------------------|
| 8-18-402  | 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                                  |                              |
| <b>SIP<br/>BAAQMD<br/>Regulation 8,<br/>Rule 25</b> | <b>Organic Compounds-Pump and Compressor Seals at Petroleum Refinery Complexes, Chemical Plants, Bulk Plants and Bulk Terminals (6/1/94)</b> |                                    |                              |
| 8-25-301  | Pump and compressor operating requirements   | Y                                  |                              |
| 8-25-302  | Pumps  | Y                                  |                              |
| 8-25-303  | Compressors  | Y                                  |                              |
| 8-25-304  | Non-repairable pumps and compressors   | Y                                  |                              |
| 8-25-305  | New or Replaced pumps and compressors  | Y                                  |                              |
| 8-25-306  | Repeat Leakers   | Y                                  |                              |
| 8-25-307  | Liquid Leak  | Y                                  |                              |
| 8-25-401  | Measurement schedule   | Y                                  |                              |
| 8-25-402  | Inspection plan  | Y                                  |                              |
| 8-25-403  | Visual inspection schedule   | Y                                  |                              |
| 8-25-405  | Identification requirements  | Y                                  |                              |
| 8-25-406  | Tagging requirements   | Y                                  |                              |

## V. SCHEDULE OF COMPLIANCE

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

## VI. PERMIT CONDITIONS

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

### CONDITION # 5406

For S12, Storage Tank:

1. The throughput of ethanol shall be limited to 59.4 MM gallons/year. (basis: Cumulative increase)
2. The operator shall maintain a record of the throughput of ethanol through this tank. These records shall be kept on a monthly basis. All records shall be retained for a period of five years from the date of entry, and be made available to District Staff on request. (basis: Regulation 2-6-501, cumulative increase)

### CONDITION # 7492

For S1, S28, S29, S30, S31, S32, Loading Racks

1. The owner/operator shall keep the California Air Resources Board (CARB) certification on site and make it available to District staff upon request. (basis: Regulation 8-33-302)
2. The owner/operator shall not exceed hourly total material throughput (except for materials with TVP less than 0.5 psi) of 200,000 gallons (in direct mode only) or any amount certified by the California Air Resources Board at this facility. (basis: Regulation 8-33-307, CARB certification )
3. The owner/operator shall not exceed the daily total material throughput (except for materials with TVP less than 0.5 psi) of 4,000,000 gallons. (basis: Regulation 8-33-307, cumulative increase)
4. To demonstrate compliance with parts 2 and 3, the owner/operator shall maintain hourly, and daily total material throughput in a District approved log. These records shall be kept on site for at least five years from the date on which a record is made. (basis: Regulation 2-6-501, cumulative increase)

## VI. Permit Conditions

### CONDITION # 7492

For S1, S28, S29, S30, S31, S32, Loading Racks

5. To demonstrate compliance with all applicable sections of Regulation 8-33, the owner/operator shall install the following equipment at this facility. All monitors shall be calibrated weekly. In case of monitor breakdown, the monitor shall be repaired as soon as possible and within 15 days.
  - a. A sample line from each of the pressure-vacuum valves located at the loading racks that is easily accessible by District personnel to determine any valve leakage. (basis: Regulation 8-33-305)
  - b. A zero to 30-inch water column pressure gauge shall be permanently installed at the vapor manifold of each loading rack to check the backpressure. (basis: Regulation 8-33-309)
  - c. An infrared type hydrocarbon analyzer shall monitor the hydrocarbon (HC) concentration of the burner exhaust in parts per million (PPM) as propane. The HC concentration shall be recorded continuously on a strip chart. (basis: Regulation 8-33-301)
  - d. An infrared type hydrocarbon analyzer shall monitor the air space HC concentration above the vapor holder bladder. This monitor shall measure HC concentrations from 0-2500 PPM as butane and shall record such concentrations on a strip chart with a speed of at least one inch per hour. (basis: Regulation 8-33-308)
6. The owner/operator shall stop loading materials (except those with TVP less than 0.5 psi) at this facility whenever both the vapor burner and vapor bladder are not fully operational for any reason. (basis: Regulation 8-33-301, 8-33-308)
7. The owner/operator shall operate the vapor recovery system in such a way that the concentration of HC in the burner exhaust does not exceed 200 PPM as propane when averaged over a six-hour period. (basis: Regulation 8-33-301, cumulative increase)
8. The owner/operator shall install a two-stage high-level vapor holder alarm at the vapor holder. The first stage shall alarm at a vapor diaphragm height between 19 feet and 21 feet. The second stage shall shutdown the vapor holder at a vapor diaphragm height of 22 feet or above. (basis: Regulation 8-33-308)
9. The owner/operator shall set the alarm of the analyzer at the vapor tank at 1,250 PPM as butane. The owner/operator shall take the vapor holder out of service when the HC concentration exceeds 1,250 PPM as butane for a period or periods aggregating more than 2 hours in 24 hours. The vapor holder shall be repaired and tested prior to placing it back in service. (basis: Regulation 8-33-308)
10. The owner/operator shall have all equipment at this facility, which is subject to Regulation 8-33 maintained in good operating condition at all times. (basis: Regulation 8-33-305)

### CONDITION # 7492

For S1, S28, S29, S30, S31, S32, Loading Racks

## VI. Permit Conditions

11. The owner/operator shall keep all maintenance records required for the vapor recovery system at this facility, which is subject to Regulation 8-33, on site for at least five years and made available to District staff upon request. (basis: Regulation 2-6-501)
12. The owner/operator shall not exceed 59.4 million gallons per year of ethanol throughput at S28 (loading Arms) . (basis: cumulative increase)
13. The owner/operator shall use the vapor recovery system (A2) to abate the loading racks S1, S28, S29, S30, S31 and S32. The volatile organic compound (VOC) destruction efficiency of the abatement device shall be equal to or greater than 98.5%. (basis: Regulation 8-33-301, BACT)
14. The owner/operator shall operate the vapor recovery system (A2) at a minimum temperature of 600 degrees Fahrenheit or above to demonstrate compliance with condition part #7 and part #13 at all times it is abating the loading racks. (basis: Regulation 8-33-301)
15. The temperature limit in part 14 shall not apply during an “Allowable Temperature Excursion” provided that the temperature controller setpoint complies with the Temperature limit. An Allowable Temperature Excursion is one of the following:
  - a. A temperature excursion not exceeding 20 degree Fahrenheit; or
  - b. A temperature excursion for a period or periods which when combined are less than 15 minutes in any hour; or
  - c. A temperature excursion for a period or periods which when combined are more than 15 minutes in any hour, provided that all three of the following criteria are met.
    - i. the excursion does not exceed 50 degree Fahrenheit;
    - ii. the duration of the excursion does not exceed 24 hours;
    - iii. the total number of such excursion does not exceed 12 per consecutive 12-month period.

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

## VI. Permit Conditions

### CONDITION # 7492

For S1, S28, S29, S30, S31, S32, Loading Racks

16. For each Allowable Temperature Excursion that exceeds 20 degree Fahrenheit and 15 minutes in duration, the owner/operator shall keep sufficient records to demonstrate that they meet the qualifying criteria described above in part 15. Records shall be retained for a minimum period of five years from the date of data entry, and shall be made available to the District staff for inspection. Records shall include at least the following information:
  - a. Temperature controller setpoint;
  - b. Starting date and time, and duration of each Allowable Temperature Excursion;
  - c. Measured temperature during each Allowable Temperature Excursion;
  - d. Number of Allowable Temperature Excursion per month, and total number for the consecutive 12-month period; and
  - e. All strip charts or other temperature records.(basis: Regulation 2-1-403; Regulation 2-6-501)
17. For the purposes of parts #15 and #16, a temperature excursion refers only to temperature below the limit. (basis: Regulation 2-1-403)
18. The owner/operator shall equip the vapor recovery system (A2) with a District approved continuous temperature monitoring and recording device to demonstrate compliance with condition part #14. Records of operating temperature shall be kept on site for at least five years from the date on which a record is made. (basis: Regulation 2-6-501)
19. The loading racks have two alternate operating scenarios: by-pass mode (most frequent mode of operation) and direct-mode. In the bypass mode, the emissions from the loading racks are routed to the vapor holder before control by the incinerator. In the direct mode, the emissions from the loading rack are routed to the incinerator directly. The owner/operator shall keep a record in a contemporaneous log when the mode of operation is changed from one operating scenario to another. The record shall be kept for at least five years from the date of entry and be made available to the District staff for inspection. (basis: Regulation 2-6-409.7, 2-6-501)

### Condition #16514

For S45, Sump Tank-Underground:

1. The total gasoline and jet kerosene throughput at this sump, S45, shall not exceed 214,520 gallons and 92,072 gallons respectively per consecutive 12 month period. (basis: cumulative increase)
2. In order to demonstrate compliance with part 1, the type and monthly throughput of each material shall be recorded in a District approved logbook. These records shall be kept on site for at least five years from the date of recording, and be made available to the District staff for inspection. (basis: Regulation 2-6-501, cumulative increase)

## 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, S28, S29, S30, S31, S32 – LOADING RACKS, 1, 2, 3, 4, 5, 6**

| Type of Limit | Citation of Limit | FE Y/N | Future Effective Date | Limit   | Monitoring Requirement Citation                      | Monitoring Frequency (P/C/N)           | Monitoring Type            |
|---------------|-------------------|--------|-----------------------|---|--|--|----------------------------|
| POC           | BAAQMD 8-33-301   | Y      |                       | 9.6 g/1000 liters (0.08 lb/1000 gallons)            | CARB Certification                                   | P/ 6 months; throughput limit revision | Source test, Recordkeeping |
|               | BAAQMD 8-33-308   | Y      |                       | 3,000 ppm as methane and 6.8 Kg (15 pounds) per day | BAAQMD Condition #7492, part 5d, and part 9          | C                                      | Infrared HC Analyzer       |
|               | BAAQMD 8-33-309   | Y      |                       | 46 cm (18 in.) of water column                      | BAAQMD 8-33-309, and BAAQMD Condition #7492, part 5b | P/during product loading               | Pressure gauge             |
|               | 40 CFR 60.502(b)  | Y      |                       | 35 g/1000 liters                                    | 40 CFR 60.503(c)                                     | P/6 months                             | Source test                |



## VII. Applicable Limits and Compliance Monitoring Requirements

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

| Type of Limit                   | Citation of Limit                        | FE Y/N | Future Effective Date | Limit                                       | Monitoring Requirement Citation          | Monitoring Frequency (P/C/N)                 | Monitoring Type           |
|---------------------------------|--|--------|-----------------------|---|--|--|---------------------------|
| POC                             | 40 CFR 60.502(e)                         | Y      |                       | Vapor-tight gasoline tank trucks            | 40 CFR 60.505(b)                         | P/during product loading, and within 2 weeks | Vapor tightness documents |
|                                 | BAAQMD Condition #7492, part 7           | Y      |                       | 200 ppm as propane                          | BAAQMD Condition #7492, part 5c          | P/C  | Infrared HC Analyzer      |
| Total material throughput limit | BAAQMD Condition #7492, part 2           | Y      |                       | 200,000 gallons/hr                          | BAAQMD Condition #7492, part 4           | P/H  | Record keeping            |
| Total material throughput limit | BAAQMD Condition #7492, part 3           | Y      |                       | 4,000,000 gallons/day                       | BAAQMD Condition #7492, part 4           | P/D  | Record keeping            |
| Ethanol throughput limit        | BAAQMD Condition #7492, part 12          | Y      |                       | 59,400,000 gallons/yr                       | BAAQMD Condition #5406, part 2           | P/M  | Record keeping            |
| POC                             | BAAQMD Condition #7492, parts 14, and 15 | Y      |                       | Operating temperature 600 degree Fahrenheit | BAAQMD Condition #7492, parts 16, and 18 | C  | Record Keeping            |
| POC                             | BAAQMD Condition #7492, part 13          | Y      |                       | Destruction efficiency 98.5%                | BAAQMD Condition #7492, parts 14 and 18  | C  | Record Keeping            |

## VII. Applicable Limits and Compliance Monitoring Requirements

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

| Type of Limit | Citation of Limit               | FE Y/N | Future Effective Date | Limit          | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type |
|---------------|---------------------------------|--------|-----------------------|----------------|---------------------------------|------------------------------|-----------------|
| POC           | BAAQMD Condition #7492, part 19 | Y      |                       | Operating Mode | BAAQMD Regulation 2-6-409.7     | P/Mode change                | Record Keeping  |

**Table VII - B**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S2, S5, S19, S23, S26 - STORAGE TANKS - INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit  | FE Y/N | Future Effective Date | Limit  | Monitoring Requirement Citation | Monitoring Frequency (P/C/N)               | Monitoring Type             |
|---------------|--------------------|--------|-----------------------|--|---------------------------------|--|-----------------------------|
| POC           | BAAQMD 8-5-303.1   | 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<br>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<br>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<br>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<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - B**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S2, S5, S19, S23, S26 - STORAGE TANKS - INTERNAL FLOATING ROOF**

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

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - B**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S2, S5, S19, S23, S26 - STORAGE TANKS - INTERNAL FLOATING ROOF**

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

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - B**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S2, S5, S19, S23, S26 - STORAGE TANKS - INTERNAL FLOATING ROOF**

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

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - C**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - STORAGE TANKS-**  
**INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit     | FE Y/N | Future Effective Date | Limit   | Monitoring Requirement Citation  | Monitoring Frequency (P/C/N)               | Monitoring Type             |
|---------------|-----------------------|--------|-----------------------|---|----------------------------------|--|-----------------------------|
| POC           | BAAQMD<br>8-5-303.1   | Y      |                       | PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia)  | BAAQMD<br>8-5-403 &<br>8-5-404   | P/twice per year at 4 to 8 months interval | Inspection<br>Certification |
| POC           | BAAQMD<br>8-320.3.1   | Y      |                       | Gasket cover $\leq$ 0.32 cm (1/8 in) gap  | BAAQMD<br>8-5-402.3 &<br>8-5-404 | P/twice per year at 4 to 8 months interval | Inspection<br>Certification |
| POC           | BAAQMD<br>8-320.3.2   | Y      |                       | Inaccessible opening no visible gap   | BAAQMD<br>8-5-402.3 &<br>8-5-404 | P/twice per year at 4 to 8 months interval | Inspection<br>Certification |
| POC           | BAAQMD<br>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<br>8-5-402.3 &<br>8-5-404 | P/twice per year at 4 to 8 months interval | Inspection<br>Certification |
| POC           | BAAQMD<br>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<br>8-5-402.3 &<br>8-5-404 | P/twice per year at 4 to 8 months interval | Inspection<br>Certification |
| POC           | BAAQMD<br>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<br>8-5-402.2 &<br>8-5-404 | P/twice per year at 4 to 8 months interval | Inspection<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - C**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - STORAGE TANKS-**  
**INTERNAL FLOATING ROOF**

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

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - C**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - STORAGE TANKS-**  
**INTERNAL FLOATING ROOF**

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



## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - C**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - STORAGE TANKS-**  
**INTERNAL FLOATING ROOF**

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

**Table VII - D**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S6, S13, S16, S21 - STORAGE TANKS-INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit   | FE Y/N | Future Effective Date | Limit  | Monitoring Requirement Citation  | Monitoring Frequency (P/C/N)               | Monitoring Type             |
|---------------|---------------------|--------|-----------------------|--|----------------------------------|--|-----------------------------|
| POC           | BAAQMD<br>8-5-303.1 | Y      |                       | PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia) | BAAQMD<br>8-5-403 &<br>8-5-404   | P/twice per year at 4 to 8 months interval | Inspection<br>Certification |
| POC           | BAAQMD<br>8-320.3.1 | Y      |                       | Gasket cover $\leq 0.32 \text{ cm}$ (1/8 in) gap           | BAAQMD<br>8-5-402.3 &<br>8-5-404 | P/twice per year at 4 to 8 months interval | Inspection<br>Certification |
| POC           | BAAQMD<br>8-320.3.2 | Y      |                       | Inaccessible opening no visible gap                        | BAAQMD<br>8-5-402.3 &<br>8-5-404 | P/twice per year at 4 to 8 months interval | Inspection<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - D**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S6, S13, S16, S21 - STORAGE TANKS-INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit  | FE Y/N | Future Effective Date | Limit   | Monitoring Requirement Citation | Monitoring Frequency (P/C/N)               | Monitoring Type             |
|---------------|--------------------|--------|-----------------------|---|---------------------------------|--|-----------------------------|
| POC           | BAAQMD 8-5-320.4.2 | 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<br>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 interval | Inspection<br>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 interval | Inspection<br>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 interval | Inspection<br>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 interval | Inspection<br>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<br>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<br>P/10 yr                         | Inspection<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - D**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S6, S13, S16, S21 - STORAGE TANKS-INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit  | FE Y/N | Future Effective Date | Limit  | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type          |
|---------------|--------------------|--------|-----------------------|--|---------------------------------|------------------------------|--------------------------|
| POC           | BAAQMD 8-5-321.3   | 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<br>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<br>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<br>P/10 yr           | Inspection Certification |
| POC           | BAAQMD 8-5-328.1.1 | Y      |                       | Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$  | None                            | N                            | None                     |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - D**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S6, S13, S16, S21 - STORAGE TANKS-INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit  | FE Y/N | Future Effective Date | Limit  | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type |
|---------------|--------------------|--------|-----------------------|--|---------------------------------|------------------------------|-----------------|
| POC           | BAAQMD 8-5-328.1.2 | Y      |                       | Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration < 10,000 ppm | BAAQMD 8-5-502                  | P/A                          | Source Test     |

**Table VII – E**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S12 - STORAGE TANK – INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit  | FE Y/N | Future Effective Date | Limit  | Monitoring Requirement Citation | Monitoring Frequency (P/C/N)               | Monitoring Type             |
|---------------|--------------------|--------|-----------------------|--|---------------------------------|--|-----------------------------|
| POC           | BAAQMD 8-5-303.1   | 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<br>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<br>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<br>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<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – E**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S12 - STORAGE TANK – INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit  | FE Y/N | Future Effective Date | Limit   | Monitoring Requirement Citation | Monitoring Frequency (P/C/N)               | Monitoring Type             |
|---------------|--------------------|--------|-----------------------|---|---------------------------------|--|-----------------------------|
| POC           | BAAQMD 8-5-320.4.3 | 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 interval | Inspection<br>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 interval | Inspection<br>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 interval | Inspection<br>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 interval | Inspection<br>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<br>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<br>P/10 yr                         | Inspection<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – E**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S12 - STORAGE TANK – INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit  | FE Y/N | Future Effective Date | Limit  | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type             |
|---------------|--------------------|--------|-----------------------|--|---------------------------------|------------------------------|-----------------------------|
| POC           | BAAQMD 8-5-321.3   | 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<br>P/10 yr           | Inspection<br>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<br>P/10 yr           | Inspection<br>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<br>P/10 yr           | Inspection<br>Certification |
| POC           | BAAQMD 8-5-328.1.1 | Y      |                       | Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$  | None                            | N                            | None                        |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – E**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S12 - STORAGE TANK – INTERNAL FLOATING ROOF**

| Type of Limit             | Citation of Limit              | FE Y/N | Future Effective Date | Limit  | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type |
|---------------------------|--------------------------------|--------|-----------------------|--|---------------------------------|------------------------------|-----------------|
| POC                       | BAAQMD 8-5-328.1.2             | Y      |                       | Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration < 10,000 ppm | BAAQMD 8-5-502                  | P/A                          | Source Test     |
| Ethanol through-put limit | BAAQMD Condition #5406, part 1 | Y      |                       | 5.04 MM gallons/yr   | BAAQMD Condition #5406, part 2  | P/M                          | Recordkeeping   |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – F**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S33, S40 - 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<br>60.112b(a)<br>(1) | Y      |                       |   | 40 CFR<br>60.115b(a) (1)         | P/E   | Initial Report                       |
| POC           | 40 CFR<br>60.113b(a)<br>(1) |        |                       |   | 40 CFR<br>60.115b(a) (2)         | P/E   | Visual Inspection,<br>Record keeping |
| POC           | BAAQMD<br>8-5-303.1         | Y      |                       | PSV set within<br>10% of max<br>pressure or 25.8<br>mmHg (0.5 psia  | BAAQMD<br>8-5-403 &<br>8-5-404   | P/twice per<br>year at 4 to<br>8 months<br>interval | Inspection<br>Certification          |
| POC           | BAAQMD<br>8-320.3.1         | Y      |                       | Gasket cover $\leq$<br>0.32 cm (1/8 in)<br>gap  | BAAQMD<br>8-5-402.3 &<br>8-5-404 | P/twice per<br>year at 4 to<br>8 months<br>interval | Inspection<br>Certification          |
| POC           | BAAQMD<br>8-320.3.2         | Y      |                       | Inaccessible<br>opening no visible<br>gap   | BAAQMD<br>8-5-402.3 &<br>8-5-404 | P/twice per<br>year at 4 to<br>8 months<br>interval | Inspection<br>Certification          |
| POC           | BAAQMD<br>8-5-320.4.2       | Y      |                       | Solid sampling or<br>gauging wells in<br>closed position<br>with cover, seal or<br>lid $\leq$ 0.32 cm (1/8<br>in)                   | BAAQMD<br>8-5-402.3 &<br>8-5-404 | P/twice per<br>year at 4 to<br>8 months<br>interval | Inspection<br>Certification          |
| POC           | BAAQMD<br>8-5-320.4.3       | Y      |                       | Solid sampling or<br>gauging wells:<br>Gap between well<br>and roof shall be<br>added to gaps<br>measured $\leq$ 1.3 cm<br>(1/2 in) | BAAQMD<br>8-5-402.3 &<br>8-5-404 | P/twice per<br>year at 4 to<br>8 months<br>interval | Inspection<br>Certification          |



## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – F**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S33, S40 - 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<br>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<br>8-5-402.2 &<br>8-5-404 | P/twice per year at 4 to 8 months interval | Inspection<br>Certification |
| POC           | BAAQMD<br>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<br>8-5-402.2 &<br>8-5-404 | P/twice per year at 4 to 8 months interval | Inspection<br>Certification |
| POC           | BAAQMD<br>8-5-320.6   | Y      |                       | Emergency roof drain with slotted membrane fabric cover $\geq$ 90% opening area                                     | BAAQMD<br>8-5-402 &<br>8-5-404   | P/twice per year at 4 to 8 months interval | Inspection<br>Certification |
| POC           | BAAQMD<br>8-5-321.1   | Y      |                       | No holes, tears or other openings in the primary seal fabric  | BAAQMD<br>8-5-402.2 &<br>8-5-404 | P/twice per year at 4 to 8 months interval | Inspection<br>Certification |
| POC           | BAAQMD<br>8-5-321.2   | Y      |                       | Primary seal metallic shoe or liquid mounted type   | BAAQMD<br>8-5-402.1<br>8-5-404   | P/10 yr<br>P/10 yr                         | Inspection<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – F**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S33, S40 - 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<br>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<br>8-5-401,<br>8-5-404   | P/10 yr<br>P/10 yr           | Inspection<br>Certification |
| POC           | BAAQMD<br>8-5-321.3.1 | Y      |                       | Gap between shoe and tank shell is no greater than 46 cm (18 in)   | BAAQMD<br>8-5-401,<br>8-5-404   | P/10 yr<br>P/10 yr           | Inspection<br>Certification |
| POC           | BAAQMD<br>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<br>8-5-401,<br>8-5- 404  | P/10 yr<br>P/10 yr           | Inspection<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – F**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S33, S40 - 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 60.113b(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           | 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<br>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<br>P/10 yr                         | Inspection<br>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<br>P/10 yr                         | Inspection<br>Certification                     |
| POC           | 40 CFR 60.113b(a)(1) | Y      |                       |   | 40 CFR 60.115b(a) (2)           | P/E  | Visual Inspection<br>Record keeping             |
| POC           | BAAQMD 8-5-328.1.1   | Y      |                       | Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$ | None                            | N  | None  |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – F**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S33, S40 - STORAGE TANKS-INTERNAL FLOATING ROOF**

| Type of Limit       | Citation of Limit  | FE Y/N | Future Effective Date | Limit  | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type |
|---------------------|--------------------|--------|-----------------------|--|---------------------------------|------------------------------|-----------------|
| POC                 | BAAQMD 8-5-328.1.2 | Y      |                       | Tank $\geq 75 \text{ m}^3$ ,<br>Tank cleaning<br>90% control, POC<br>concentration <<br>10,000 ppm | BAAQMD<br>8-5-502               | P/A                          | Source Test     |
| Liquid Stored       |                    | Y      |                       | >0.5 psia  | 40 CFR<br>60.116b(c)            | P/D                          | Record keeping  |
| True vapor pressure |                    | Y      |                       |  | 40 CFR<br>60.116b(c)            | P/D                          | Record keeping  |
| True vapor pressure |                    | Y      |                       | >0.74 psia   | 40 CFR<br>60.116b(d)            | P/D                          | Notify          |

**Table VII – G**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S36 - STORAGE TANK-INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit | FE Y/N | Future Effective Date | Limit  | Monitoring Requirement Citation  | Monitoring Frequency (P/C/N)                        | Monitoring Type             |
|---------------|-------------------|--------|-----------------------|--|----------------------------------|---|-----------------------------|
| POC           | BAAQMD 8-5-303.1  | Y      |                       | PSV set within 10% of<br>max pressure or 25.8<br>mmHg (0.5 psia) | BAAQMD<br>8-5-403 &<br>8-5-404   | P/twice per<br>year at 4 to<br>8 months<br>interval | Inspection<br>Certification |
| POC           | BAAQMD 8-320.3.1  | Y      |                       | Gasket cover $\leq 0.32$<br>cm (1/8 in) gap                      | BAAQMD<br>8-5-402.3 &<br>8-5-404 | P/twice per<br>year at 4 to<br>8 months<br>interval | Inspection<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – G**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S36 - STORAGE TANK-INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit  | FE Y/N | Future Effective Date | Limit   | Monitoring Requirement Citation | Monitoring Frequency (P/C/N)               | Monitoring Type             |
|---------------|--------------------|--------|-----------------------|---|---------------------------------|--|-----------------------------|
| POC           | BAAQMD 8-320.3.2   | 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<br>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<br>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 interval | Inspection<br>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 interval | Inspection<br>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 interval | Inspection<br>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 interval | Inspection<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – G**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S36 - STORAGE TANK-INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit  | FE Y/N | Future Effective Date | Limit   | Monitoring Requirement Citation | Monitoring Frequency (P/C/N)               | Monitoring Type             |
|---------------|--------------------|--------|-----------------------|---|---------------------------------|--|-----------------------------|
| POC           | BAAQMD 8-5-321.1   | 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<br>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<br>P/10 yr                         | Inspection<br>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<br>P/10 yr                         | Inspection<br>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<br>P/10 yr                         | Inspection<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – G**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S36 - STORAGE TANK-INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit  | FE Y/N | Future Effective Date | Limit  | Monitoring Requirement Citation | Monitoring Frequency (P/C/N)               | Monitoring Type             |
|---------------|--------------------|--------|-----------------------|--|---------------------------------|--|-----------------------------|
| POC           | BAAQMD 8-5-321.3.2 | 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<br>P/10 yr                         | Inspection<br>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<br>Certification |
| POC           | BAAQMD 8-5-322.2   | Y      |                       | Secondary seal shall allow insertion up to 3.8 cm (1 1/2 in) in width  | BAAQMD 8-5-402, & 8-5-404       | P/10 yr<br>P/10 yr                         | Inspection<br>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<br>P/10 yr                         | Inspection<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – G**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S36 - STORAGE TANK-INTERNAL FLOATING ROOF**

| Type of Limit       | Citation of Limit  | FE Y/N | Future Effective Date | Limit   | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type |
|---------------------|--------------------|--------|-----------------------|---|---------------------------------|------------------------------|-----------------|
| POC                 | BAAQMD 8-5-328.1.1 | Y      |                       | Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$ | None                            | N                            | None            |
| POC                 | BAAQMD 8-5-328.1.2 | Y      |                       | Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration < 10,000 ppm              | BAAQMD 8-5-502                  | P/A                          | Source Test     |
| Liquid stored       |                    | Y      |                       |   | 40 CFR 60.115(a)                | P/D                          | Record keeping  |
| True vapor pressure |                    | Y      |                       |   | 40 CFR 60.115(b)                | P/D                          | Record keeping  |
| True vapor pressure |                    | Y      |                       | >1.0 psia   | 40 CFR 60.115(c)                | P/D                          | Record keeping  |



## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - H**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S43 - OIL/WATER SEPARATOR**

| Type of Limit | Citation of Limit | FE Y/N | Future Effective Date | Limit   | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type   |
|---------------|-------------------|--------|-----------------------|---|---------------------------------|------------------------------|-------------------|
| POC           | BAAQMD 8-8-301.1  | Y      |                       | Roof seals, other openings<br>Gap <0.125 inch | BAAQMD 8-8-301.1                | P/Initially and 6 months     | Visual inspection |

**Table VII – I**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S44 - STORAGE TANK-INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit  | FE Y/N | Future Effective Date | Limit  | Monitoring Requirement Citation | Monitoring Frequency (P/C/N)               | Monitoring Type             |
|---------------|--------------------|--------|-----------------------|--|---------------------------------|--|-----------------------------|
| POC           | BAAQMD 8-5-303.1   | 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<br>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<br>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<br>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<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – I**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S44 - STORAGE TANK-INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit  | FE Y/N | Future Effective Date | Limit   | Monitoring Requirement Citation | Monitoring Frequency (P/C/N)               | Monitoring Type             |
|---------------|--------------------|--------|-----------------------|---|---------------------------------|--|-----------------------------|
| POC           | BAAQMD 8-5-320.4.3 | 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 interval | Inspection<br>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 interval | Inspection<br>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 interval | Inspection<br>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 interval | Inspection<br>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<br>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<br>P/10 yr                         | Inspection<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – I**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S44 - STORAGE TANK-INTERNAL FLOATING ROOF**

| Type of Limit | Citation of Limit  | FE Y/N | Future Effective Date | Limit  | Monitoring Requirement Citation | Monitoring Frequency (P/C/N)               | Monitoring Type             |
|---------------|--------------------|--------|-----------------------|--|---------------------------------|--|-----------------------------|
| POC           | BAAQMD 8-5-321.3   | 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<br>P/10 yr                         | Inspection<br>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<br>P/10 yr                         | Inspection<br>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<br>P/10 yr                         | Inspection<br>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<br>Certification |

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – I**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S44 - STORAGE TANK-INTERNAL FLOATING ROOF**

| Type of Limit       | Citation of Limit  | FE Y/N | Future Effective Date | Limit   | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type          |
|---------------------|--------------------|--------|-----------------------|---|---------------------------------|------------------------------|--------------------------|
| POC                 | BAAQMD 8-5-322.2   | 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<br>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<br>P/10 yr           | Inspection Certification |
| POC                 | BAAQMD 8-5-328.1.1 | Y      |                       | Tank $\geq 75 \text{ m}^3$ , tank cleaning shall have liquid balancing with $\leq 0.5 \text{ psia}$ | None                            | N                            | None                     |
| POC                 | BAAQMD 8-5-328.1.2 | Y      |                       | Tank $\geq 75 \text{ m}^3$ , Tank cleaning 90% control, POC concentration < 10,000 ppm              | BAAQMD 8-5-502                  | P/A                          | Source Test              |
| Liquid Stored       |                    | Y      |                       |   | 40 CFR 60.115(a)                | P/D                          | Record keeping           |
| True vapor pressure |                    | Y      |                       |   | 40 CFR 60.115(b)                | P/D                          | Record keeping           |
| True vapor pressure |                    | Y      |                       | >1.0 psia   | 40 CFR 60.115(c)                | P/D                          | Record keeping           |

## VII. Applicable Limits and Compliance Monitoring Requirements

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

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

**Table VII - K**  
**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   | Y      |                       | Valve leak $\leq$ 100 ppm               | BAAQMD 8-18-401.2               | P/Q                          | Portable hydrocarbon detector, records |
|               | BAAQMD 8-18-303   | Y      |                       | Pump and compressor leak $\leq$ 500 ppm | BAAQMD 8-18-401.2               | P/Q                          | Portable hydrocarbon detector, records |

## VII. Applicable Limits and Compliance Monitoring Requirements

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

| Type of Limit | Citation of Limit   | FE Y/N | Future Effective Date | Limit   | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type                        |
|---------------|---------------------|--------|-----------------------|---|---------------------------------|------------------------------|--|
| POC           | BAAQMD 8-18-304     | Y      |                       | Connection leak $\leq$ 100 ppm  | BAAQMD 8-18-401.2               | P/Q                          | Portable hydrocarbon detector, records |
| POC           | BAAQMD 8-18-305     | Y      |                       | Pressure relief valve leak $\leq$ 500 ppm   | BAAQMD 8-18-401.2               | P/Q                          | Portable hydrocarbon detector, records |
|               | BAAQMD 8-18-306.1   | Y      |                       | Valve, pressure relief, pump or compressor must be repaired within 5 years or at the next scheduled turnaround  | None                            | N                            |  |
|               | BAAQMD 8-18-306.2   | Y      |                       | Awaiting repair<br>Valves $\leq$ 0.5%<br>Pressure Relief $\leq$ 1%<br>Pump and Connector $\leq$ 1%  | BAAQMD 8-18-401.5               | P/24 hours                   | Inspection                             |
|               | BAAQMD 8-18-306.3.2 | Y      |                       | Mass emissions & non-repairable equipment allowed<br>Valve $\leq$ 0.1 lb/day & $\leq$ 1.0%<br>Pressure Relief $\leq$ 0.2 lb/day & $\leq$ 5%<br>Pump and Connector $\leq$ 0.2 lb/day & $\leq$ 5% | BAAQMD 8-18-401.3               | P/D                          | Inspection                             |

## VII. Applicable Limits and Compliance Monitoring Requirements

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

| Type of Limit | Citation of Limit     | FE Y/N | Future Effective Date | Limit  | Monitoring Requirement Citation  | Monitoring Frequency (P/C/N) | Monitoring Type                        |
|---------------|-----------------------|--------|-----------------------|--|----------------------------------|------------------------------|--|
| POC           | BAAQMD 8-18-306.3.3   | 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<br>P/D                   | Portable hydrocarbon detector, records |
| POC           | SIP BAAQMD 8-25-303   | Y      |                       | Compressor leak $\leq$ 500 ppm   | SIP BAAQMD 8-25-401.2 & 8-25-403 | P/Q<br>P/D                   | Portable hydrocarbon detector, records |
| POC           | 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 |
|               | SIP BAAQMD 8-25-305   | Y      |                       | New or replaced pump and compressor leak $\leq$ 500 ppm for 4 consecutive quarters                           | SIP BAAQMD 8-25-401.2 & 8-25-403 | P/Q<br>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<br>P/D                   | Portable hydrocarbon detector, records |

## VIII. TEST METHODS

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

**Table VIII  
 Test Methods**

| <b>Applicable Requirement</b>                 | <b>Description of Requirement</b>             | <b>Acceptable Test Methods</b>   |
|---|---|--|
| BAAQMD<br>6-301                               | Ringelmann No. 1 Limitation                   | Manual of Procedures, Volume I, Evaluation of Visible Emissions  |
| BAAQMD<br>Regulation<br>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<br>Regulation<br>8-5-328.1             | VOC emissions for tank cleaning               | Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling   |
| BAAQMD<br>Regulation<br>8-5-303               | Pressure vacuum leak concentration            | EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks   |
| BAAQMD<br>8-5-601                             | Reid Vapor Pressure                           | Manual of Procedures, Volume III, Lab Method 13, Determination of the Reid Vapor Pressure of Petroleum Products  |
| BAAQMD<br>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<br>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<br>8-5-605                             | Pressure-Vacuum Valve Gas Tight Determination | EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks   |
| BAAQMD<br>Regulation<br>8-8-301, 302          | Vapor tight cover                             | EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks   |
| BAAQMD<br>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<br>Regulation<br>8-18-302,<br>8-18-303 | Leak inspection procedures                    | EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks   |



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

| <b>Applicable Requirement</b>      | <b>Description of Requirement</b>                     | <b>Acceptable Test Methods</b>   |
|------------------------------------|---|--|
| BAAQMD Regulation 8-18-306         | Determination of mass emissions                       | EPA Protocol for equipment leak emission estimates, Chapter 4, Mass Emission Sampling, (EPAA-453/R-95-017) November 1995       |
| BAAQMD 8-25-301-303, 602           | Inspection procedures (pumps and Compressors)         | EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks   |
| BAAQMD Regulation 8-33-203         | Analysis of samples                                   | Manual of Procedures, Volume III, Method 13, Determination of the Reid Vapor Pressure of Petroleum Products                    |
| BAAQMD Regulation 8-33-301         | Emission rate determination                           | Manual of Procedures, Volume IV, ST-34, Bulk Gasoline Distribution Facilities Vapor Recovery Units                             |
| BAAQMD Regulation 8-33-305         | Vapor tight – delivery vehicles                       | Manual of Procedures, Volume IV, ST-33, Ethanol, Integrated Sampling   |
| BAAQMD Regulation 8-33-309         | Vapor recovery system – loading racks                 | Manual of Procedures, Volume IV, ST-34, Bulk and Marine Loading Terminals Vapor Recovery Units                                 |
| BAAQMD 8-33-601                    | Emission Rate Determination (Vapor Processing System) | Manual of Procedures, Volume IV, ST-34, Bulk and Marine Loading Terminals Vapor Recovery Units                                 |
| BAAQMD 8-33-602                    | Emission Rate Determination (Vapor Balance System)    | Manual of Procedures, Volume IV, ST-3, Bulk Plants Emission Factor Determination   |
| BAAQMD 8-33-603                    | Vapor Recovery System Loading Pressure                | Manual of Procedures, Volume IV, ST-34, Bulk and Marine Loading Terminals Vapor Recovery Units                                 |
| BAAQMD 8-33-604                    | Vapor Tight - Delivery Vehicles                       | Manual of Procedures, Volume IV, ST-33, Gasoline Cargo Tanks   |
| BAAQMD 8-33-605                    | Analysis of Samples                                   | Manual of Procedures, Volume III, Lab Method 13, Determination of the Reid Vapor Pressure of Petroleum Products                |
| 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 Ka<br>40 CFR<br>60.115a(b) | Reid vapor pressure                                   | ASTM Method D323-82  |
| Subpart Kb<br>40 CFR<br>60.112(b)  | Vapor pressure  | ASTM Method D2879-83   |

**Table VIII  
 Test Methods**

| Applicable Requirement                             | Description of Requirement | Acceptable Test Methods  |
|--|----------------------------|--|
| Subpart Kb<br>40 CFR<br>60.112(b)(a)<br>(3)        | Visual inspection          | 60 Subpart VV, 60.485(b)   |
| Subpart XX<br>40 CFR<br>60.502(b)(c),<br>60-502(h) | Monitor for leakage        | EPA Reference Method 21, Determination of Volatile Organic Compounds Leaks                                     |
| Subpart XX<br>40 CFR<br>60-502(h)                  | Delivery tank pressure     | EPA Reference Method 27, Determination of vapor tightness of gasoline delivery tank using pressure vacuum test |

## **IX. PERMIT SHIELD**

**Not applicable.**

## X. REVISION HISTORY

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

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

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

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

## **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.

## **X. Glossary**

### **Federally Enforceable, FE**

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

### **FP**

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

### **HAP**

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

### **Major Facility**

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

### **MFR**

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

### **MOP**

The District's Manual of Procedures.

### **NAAQS**

National Ambient Air Quality Standards

### **NESHAPS**

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

### **NMHC**

Non-methane Hydrocarbons (Same as NMOC)

### **NMOC**

Non-methane Organic Compounds (Same as NMHC)

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

Oxides of nitrogen.

### **NSPS**

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

## **X. Glossary**

### **NSR**

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

### **Offset Requirement**

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

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

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

### **POC**

Precursor Organic Compounds

### **PM**

Particulate Matter

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

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

### **PSD**

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

### **SIP**

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

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

Sulfur dioxide

### **THC**

Total Hydrocarbons (NMHC + Methane)

### **Title V**

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

## X. Glossary

### **TOC**

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

### **TPH**

Total Petroleum Hydrocarbons

### **TRMP**

Toxic Risk Management Plan

### **TSP**

Total Suspended Particulate

### **VOC**

Volatile Organic Compounds

### **Units of Measure:**

|                |   |                                  |
|----------------|---|----------------------------------|
| bhp            | = | brake-horsepower                 |
| btu            | = | British Thermal Unit             |
| cfm            | = | cubic feet per minute            |
| g              | = | grams                            |
| gal            | = | gallon                           |
| gpm            | = | gallons per minute               |
| hp             | = | horsepower                       |
| hr             | = | hour                             |
| lb             | = | pound                            |
| in             | = | inches                           |
| max            | = | maximum                          |
| m <sup>2</sup> | = | square meter                     |
| min            | = | minute                           |
| mm             | = | million                          |
| ppmv           | = | parts per million, by volume     |
| ppmw           | = | parts per million, by weight     |
| psia           | = | pounds per square inch, absolute |
| psig           | = | pounds per square inch, gauge    |
| scfm           | = | standard cubic feet per minute   |
| yr             | = | year                             |



## **XII. APPLICABLE STATE IMPLEMENTATION PLAN**

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

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