San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

HEALTHY AIR LIVING™

APR 0 5 2016

Mr. Douglas Schminke
SFPP, L.P
1100 Town and Country Road
Orange, CA 92868

Re: Notice of Preliminary Decision – Title V Permit Renewal
District Facility # C-1077
Project # C-1152924

Dear Mr. Schminke:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for SFPP, L.P at 4149 South Maple Avenue in Fresno, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. After addressing all comments made during the 30-day public notice and the 45-day EPA comment periods, the District intends to issue the renewed Federally Mandated Operating Permit. Please submit your written comments on this project within the 30-day public comment period, as specified in the enclosed public notice.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,

Arnaud Marjollet
Director of Permit Services

Enclosures

cc: Tung Le, CARB (w/enclosure) via email
cc: Gerardo C. Rios, EPA (w/enclosure) via email

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SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT

Final Title V Permit Renewal Evaluation
SFPP, LP
C-1077

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TITLE V PERMIT RENEWAL EVALUATION

Petroleum Product Bulk Loading Terminal

Engineer: Robert Rinaldi
Date: March 23, 2016

RWK 4.4.16

Facility Number: C-1077
Facility Name: SFPP, L.P
Mailing Address: 1100 Town and Country Road
Orange, CA 92868

Contact Name: Douglas K. Schminke
Phone: (707) 438-2100

Responsible Official: Douglas K. Schminke
Title: Director of Operations

Project # : C-1152924
Deemed Complete: December 18, 2015

I. PROPOSAL

SFPP, L.P was issued a Title V permit on April 20, 1999. As required by District Rule 2520, the applicant is requesting a permit renewal. The existing Title V permit shall be reviewed and modified to reflect all applicable District and federal rules updated, removed, or added since the issuance of the renewed Title V permit.

The purpose of this evaluation is to provide the legal and factual basis for all updated applicable requirements and to determine if the facility will comply with these updated requirements. It also specifically identifies all additions, deletions, and/or changes made to permit conditions or equipment descriptions. The last Title V permit renewal was issued on 5/31/2011. This review will span from 5/31/2011 to the present.

II. FACILITY LOCATION

SFPP, L.P. is located at 4149 South Maple Avenue in Fresno, California.

II. EQUIPMENT LISTING

A detailed facility printout listing all permitted equipment at the facility is included as Attachment C.

IV. GENERAL PERMIT TEMPLATE USAGE

Certain segments of the proposed Renewed Operating Permit are based on model general permit templates that have been previously subject to EPA and public review. The terms and conditions from the model general permit templates are included in the proposed permit and are not subject to further EPA and public review.

Conditions 1 through 44 of the facility- wide requirements of C-1077-0-3, including their underlying applicable requirements, originate from umbrella Template, SJV-UM-0-3 and are not subject to further EPA and public review.

V. SCOPE OF EPA AND PUBLIC REVIEW

Certain segments of the proposed Renewed Operating Permit are based on model general permit templates that have been previously subject to EPA and public review. The terms and conditions from the model general permit templates are included in the proposed permit and are not subject to further EPA and public review.

For permit applications utilizing model general permit templates, public and agency comments on the District's proposed actions are limited to the applicant's eligibility for model general permit template, applicable requirements not covered by the model general permit template, and the applicable procedural requirements for issuance of Title V Operating Permits.

The following permit conditions, including their underlying applicable requirements, originate from model general permit templates and are not subject to further EPA or public review.

a. C-1077-0-4 — Facility-Wide Requirements

- Conditions 1 through 44 on the proposed permit are based on the Facility-Wide Umbrella Template, SJV-UM-0-3.

VI. FEDERALLY ENFORCEABLE REQUIREMENTS

A. Rules Updated during this current renewal review interval (5/31/2011 to present)

- District Rule 2020, Exemptions
(amended December 20, 2007 ⇒ amended December 18, 2014)

- District Rule 2201, New and Modified Stationary Source Review Rule
(amended May 21, 2011 ⇒ amended Feb. 18, 2016)

- District Rule 2410, Prevention of Significant Deterioration
(became effective on November 26, 2012)

- District Rule 4702, Internal Combustion Engines (amended August 18, 2011 ⇒ amended November 14, 2013)

- 40 CFR 63 Subpart ZZZZ Requirements for Performance Tests (Last Modified 1/30/2013)

- 40 CFR Part 82, Subpart B, Stratospheric Ozone (amended June 25, 2013)

- 40 CFR Part 82, Subpart F, Stratospheric Ozone (amended June 25, 2013)

B. Rules Removed during this current renewal review interval (5/31/2011 to present)

- None.

C. Rules Added during this current renewal review interval (5/31/2011 to present)

- District Rule 2410, Prevention of Significant Deterioration (adopted June 16, 2011, effective November 26, 2012)

D. Rules Not Updated during this current renewal review interval (5/31/2011 to present)

- District Rule 1070, Inspections (amended December 17,1992)
- District Rule 1080, Stack Monitoring (amended December 17,1992)
- District Rule 1081, Source Sampling (amended December 16,1993)
- District Rule 1100, Equipment Breakdown (amended December 17,1992)
- District Rule 1160, Emission Statements (adopted November 18, 1992)
- District Rule 2010, Permits Required (amended December 17, 1992)
- District Rule 2031, Transfer of Permits (amended December 17, 1992)
- District Rule 2040, Applications (amended December 17, 1992)
- District Rule 2070, Standards for Granting Applications (amended December 17, 1992)
- District Rule 2080, Conditional Approval (amended December 17, 1992)
- District Rule 2520, Federally Mandated Operating Permits (amended June 21, 2001)
- District Rule 4101, Visible Emissions (amended February 17, 2005)
- District Rule 4102, Nuisance (amended December 17, 1992)
- District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)
- District Rule 4202, Particulate Matter - Emission Rate (amended December 17, 1992)
- District Rule 4601, Architectural Coatings (amended December 17, 2009)
- District Rule 4623, Storage of Organic Liquids (amended May 19, 2005)
- District Rule 4624, Organic Liquid Loading (amended December 20, 2007)

- District Rule 4701, Internal Combustion Engines – Phase I (amended August 21, 2003)
- District Rule 8011 - General Requirements (amended August 19, 2004)
- District Rule 8021 - Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities (amended August 19, 2004)
- District Rule 8031 - Bulk Materials (amended August 19, 2004)
- District Rule 8041 - Carryout and Trackout (amended August 19, 2004)
- District Rule 8051 - Open Areas (amended August 19, 2004)
- District Rule 8061 - Paved and Unpaved Roads (amended August 19, 2004)
- District Rule 8071 - Unpaved Vehicle/Equipment Traffic Area (amended September 16, 2004)
- 40 CFR 60 Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 (Last Modified 10/15/2003)
- 40 CFR 60 Subpart XX - Standards of Performance for Bulk Gasoline Terminals (Last Modified 12/19/2003)
- 40 CFR 63 Subpart R - National Emissions Standards for Gasoline Distribution Facilities (Last Modified 12/22/2008)
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos (amended September 18, 2003)
- 40 CFR Part 64, Compliance Assurance Monitoring (CAM) (amended October 10, 1997)
- 40 CFR Part 68, Chemical Accident Prevention Provisions (amended April 9, 2004)

VII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

For each Title V source, the District issues a single permit that contains the Federally Enforceable requirements, as well as the District-only requirements. The District-only requirements are not a part of the Title V Operating Permits. The terms and conditions that are part of the facility's Title V permit are designated as "Federally Enforceable Through Title V Permit".

For this facility, the following are not federally enforceable and will not be discussed in further detail:

A. Rules Added

There are no new rules that are not federally enforceable being added at this time.

B. Rules Not Updated

District Rule 4102 — Nuisance

1. C-1077-0-4 — Facility-Wide Requirements

   - Condition 42 on the proposed permit is based on this rule.

VIII. FEDERALLY ENFORCEABLE PERMIT REQUIREMENTS

The purpose of this evaluation is to review changes to pertinent federally enforceable requirements; therefore, this compliance section will only address rules that have been amended or added since the issuance of the renewed Title V permit of 5/31/2011 to present.

A. District Rule 2020 - Exemptions

District Rule 2020 lists equipment which is specifically exempt from obtaining permits and specifies recordkeeping requirements to verify such exemptions. The amendments to this rule do not have any affect on current permit requirements and will therefore not be addressed in this evaluation.

B. District Rule 2201 - New and Modified Stationary Source Review Rule

District Rule 2201 has been amended since this facility's initial Title V permit was issued. This Title V permit renewal does not constitute a modification per section 3.26, defined as an action including at least one of the following items:

1) Any change in hours of operation, production rate, or method of operation of an existing emissions unit, which would necessitate a change in permit conditions.
2) Any structural change or addition to an existing emissions unit which would necessitate a change in permit conditions. Routine replacement shall not be considered to be a structural change.
3) An increase in emissions from an emissions unit caused by a modification of the Stationary Source when the emissions unit is not subject to a daily emissions limitation.
4) Addition of any new emissions unit which is subject to District permitting requirements.
5) A change in a permit term or condition proposed by an applicant to obtain an exemption from an applicable requirement to which the source would otherwise be subject.

Therefore, the updated requirements of this rule are not applicable at this time.

C. District Rule 2410 – Prevention of Significant Deterioration

The prevention of significant deterioration (PSD) program is a construction permitting program for new major stationary sources and major modifications to existing major stationary sources located in areas classified as attainment or in areas that are unclassifiable for any criteria air pollutant. The provisions of this rule apply to any source and the owner or operator of any source subject to any requirement under Title 40 Code of Federal Regulations (40 CFR) Part 52.21 as incorporated into this rule.

The rule did not create new requirements, but merely transfers the authority for the 40 CFR Part 52.21 requirements to the District. Prior to adoption of this rule, that authority was vested with the USEPA. This action does not involve construction and thus does not trigger additional PSD requirements for this source. Therefore, the facility is not subject to this rule and no further discussion is required.

D. District Rule 2520 - Federally Mandated Operating Permits

Greenhouse Gas Requirements

There are no federally applicable Greenhouse Gas (GHG) requirements for this source. It should be noted that the Mandatory Greenhouse Gas Reporting rule (40CFR Part 98) is not included in the definition of an applicable requirement within Title V (per 40CFR 71.2). Therefore, there will be no further discussion of GHG in this evaluation.

E. District Rule 4702 - Internal Combustion Engines

Emergency standby IC engines C-1077-1-5 and -2-5 are only subject to administrative requirements of Rule 4702 which weren't revised in the latest amendment.

There are no changes to any of the existing Rule 4702 conditions.

F. 40 CFR 63 Subpart ZZZZ - Requirements for Performance Tests

Subpart ZZZZ establishes national emission limitations and operating limitations for hazardous air pollutants (HAP) emitted from stationary reciprocating internal combustion engines (RICE) located at major and area sources of HAP emissions. This subpart also establishes requirements to demonstrate initial and continuous compliance with the emission limitations and operating limitations. The following conditions ensure the requirements of this section are met:

The applicable requirements outlined in this subpart have not changed. Compliance is enforced by conditions 3-9, 13 and 25 of the requirements for permit unit C-1077-1-5 and -2-5.

G. 40 CFR Part 82, Subparts B and F - Stratospheric Ozone

These regulations apply to servicing motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC). Sections of this regulation were amended in 2013, and conditions 27 and 28 of C-1077-0-4 assure compliance with the requirements.

IX. PERMIT SHIELD

A permit shield legally protects a facility from enforcement of the shielded regulations when a source is in compliance with the terms and conditions of the Title V permit. Compliance with the terms and conditions of the Operating Permit is considered compliance with all applicable requirements upon which those conditions are based, including those that have been subsumed.

A. Requirements Addressed by Model General Permit Templates

Certain segments of the proposed Renewed Operating Permit are based on model general permit templates that have been previously subject to EPA and public review. The terms and conditions from the model general permit templates are included in the proposed permit and are not subject to further EPA and public review.

By utilizing the Model General Permit Template SJV-UM-0-3 qualification form, the applicant has requested that a permit shield be granted for all the applicable requirements identified by the template. Therefore, the permit shields as granted in Model General Permit Template are included as conditions 39 and 40 of the facility-wide requirements (C-1077-0-4).

B. Requirements not Addressed by Model General Permit Templates

The applicant had not requested permit shields for any requirement not addressed by Model General Permit Templates.

C. Obsolete Permit Shields From Existing Permit Requirements

There are no obsolete permit shield conditions to be removed from the permits.

X. PERMIT CONDITIONS

See Attachment A - Draft Renewed Title V Operating Permit.

XI. ATTACHMENTS

A. Renewed Title V Operating Permit
B. Previous Title V Operating Permit
C. Detailed Facility List

ATTACHMENT A

Renewed Title V Operating Permit

San Joaquin Valley
Air Pollution Control District

FACILITY: C-1077-0-4 **EXPIRATION DATE:** 05/31/2016

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FACILITY-WIDE REQUIREMENTS

1. {4362} The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. {4363} The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. {4364} The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. {4365} Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. {4366} The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. {4367} A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. {4368} Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. {4369} The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. {4370} The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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10. {4371} The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit

11. {4372} Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit

12. {4373} If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit

13. {4374} It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit

14. {4375} The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit

15. {4376} The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit

16. {4377} The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit

17. {4378} The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit

18. {4379} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit

19. {4380} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit

20. {4381} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit

21. {4382} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit

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FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

22. {4383} No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit

23. {4384} No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in Table of Standards 1 effective until 12/30/10 or Table of Standards 2 effective on and after 1/1/11 of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit

24. {4385} All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit

25. {4386} The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit

26. {4387} With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit

27. {4388} If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit

28. {4389} If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit

29. {4390} Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8021 and 8011] Federally Enforceable Through Title V Permit

30. {4391} Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8031 and 8011] Federally Enforceable Through Title V Permit

31. {4392} An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8041 and 8011] Federally Enforceable Through Title V Permit

32. {4393} Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8051 and 8011] Federally Enforceable Through Title V Permit

33. {4394} Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8061 and Rule 8011] Federally Enforceable Through Title V Permit

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FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

34. {4395} Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rules 8071 and Rule 8011] Federally Enforceable Through Title V Permit

35. {4396} Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit

36. {4397} The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit

37. {4398} The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit

38. {4399} When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit

39. {4400} Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

40. {4401} Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

41. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin January 1 of each year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit

42. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

43. When applicable to 40 CFR Part 68, a subject facility shall submit to the proper authority a Risk Management Plan. [40 CFR 68] Federally Enforceable Through Title V Permit

44. The facility wide hazardous air pollutants (HAPs) emissions shall not exceed 16.7 tons/year and any individual HAP emissions shall not exceed 10 tons/year. The facility shall keep records demonstrating compliance with these limits. [District Rule 1160] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-1-5 **EXPIRATION DATE:** 05/31/2016

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EQUIPMENT DESCRIPTION:
460 HP MODEL #3406B DIESEL-FIRED EMERGENCY IC ENGINE POWERING ONE FIRE PROTECTION PUMP

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all time other than startup in tables 1a, 2a, 2c, and 2d to 40. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
4. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
5. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
6. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
7. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702, 6.2.1 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. This engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems", 1998 edition. Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rules 4701 and 4702, 3.15, 17 CCR 93115 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
10. {3406} This engine shall be operated using only CARB certified diesel fuel. [17 CCR 93115]

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

11. {3415} The permittee shall maintain monthly records of the type of fuel purchased, the amount of fuel purchased, date when the fuel was purchased, signature of the permittee who received the fuel, and signature of the fuel supplier indicating that the fuel was delivered. [17 CCR 93115]
12. {2421} Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
13. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District NSR Rule, Rule 4702, 4.2.1, 17 CCR 93115 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
14. Engine shall be equipped with turbocharger and aftercooler. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Permit holder shall notify the District within ten days in event engine is used during an emergency. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Engine ignition timing shall be inspected, adjusted and certified, initially and, at a minimum, once every 3 years. Inspections, adjustments, and certifications shall be performed by a qualified mechanic according to the manufacturer's procedures. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Records of operation shall be maintained and made available for District inspection upon request, and shall include: days and hours of operation, fuel consumed, dates of maintenance, and ignition timing noted. [District NSR Rule] Federally Enforceable Through Title V Permit
18. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702, 6.2.1 and 17 CCR 93115]
19. Daily emissions from the engine shall not exceed 1.7 lbs/day of PM10, 3.8 lbs/day of SOx, 173.0 lbs/day of NOx, 3.0 lbs/day of VOC and 15.0 lbs/day of CO emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
20. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
21. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
22. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702,5.6] Federally Enforceable Through Title V Permit
23. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702,3.15] Federally Enforceable Through Title V Permit
24. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702,3.15] Federally Enforceable Through Title V Permit
25. The permittee shall maintain monthly records that include any information necessary to demonstrate compliance with 40 CFR 63, ZZZZ. [District Rule 1070 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

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PERMIT UNIT: C-1077-2-5

EXPIRATION DATE: 05/31/2016

EQUIPMENT DESCRIPTION:
460 HP MODEL #3406B DIESEL-FIRED EMERGENCY IC ENGINE POWERING ONE FIRE PROTECTION PUMP

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all time other than startup in tables 1a, 2a, 2c, and 2d to 40. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
4. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
5. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
6. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
7. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702, 6.2.1 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. This engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems", 1998 edition. Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rules 4701 and 4702, 3.15, 17 CCR 93115 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
10. {3406} This engine shall be operated using only CARB certified diesel fuel. [17 CCR 93115]

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

11. {3415} The permittee shall maintain monthly records of the type of fuel purchased, the amount of fuel purchased, date when the fuel was purchased, signature of the permittee who received the fuel, and signature of the fuel supplier indicating that the fuel was delivered. [17 CCR 93115]
12. {2421} Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
13. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District NSR Rule, Rule 4702, 4.2.1, 17 CCR 93115 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
14. Engine shall be equipped with turbocharger and aftercooler. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Permit holder shall notify the District within ten days in event engine is used during an emergency. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Engine ignition timing shall be inspected, adjusted and certified, initially and, at a minimum, once every 3 years. Inspections, adjustments, and certifications shall be performed by a qualified mechanic according to the manufacturer's procedures. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Records of operation shall be maintained and made available for District inspection upon request, and shall include: days and hours of operation, fuel consumed, dates of maintenance, and ignition timing noted. [District NSR Rule] Federally Enforceable Through Title V Permit
18. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702, 6.2.1 and 17 CCR 93115]
19. Daily emissions from the engine shall not exceed 1.7 lbs/day of PM10, 3.8 lbs/day of SOx, 173.0 lbs/day of NOx, 3.0 lbs/day of VOC and 15.0 lbs/day of CO emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
20. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102] Federally Enforceable Through Title V Permit
21. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102] Federally Enforceable Through Title V Permit
22. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702,5.6] Federally Enforceable Through Title V Permit
23. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702,3.15] Federally Enforceable Through Title V Permit
24. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702,3.15] Federally Enforceable Through Title V Permit
25. The permittee shall maintain monthly records that include any information necessary to demonstrate compliance with 40 CFR 63, ZZZZ. [District Rule 1070 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-3-15

EXPIRATION DATE: 05/31/2016

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EQUIPMENT DESCRIPTION:
78.0 MMBTU/HR JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM AS THE CONTROL DEVICE OF THE BULK LOADING OPERATION

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Auxiliary fuel supplied to John Zink ZTOF burner/thermal oxidizer shall be monitored daily to determine the amount of fuel consumed. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The John Zink ZTOF burner operating temperature shall be monitored by a continuously recording temperature device. Upon the detection of a vapor combustion temperature below 900 degrees F, the permittee shall investigate the cause of the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [District NSR Rule, 40 CFR part 64] Federally Enforceable Through Title V Permit
4. All vapors from the loading racks shall be incinerated in the vapor combustion system at a minimum temperature of 900 degrees F (averaged over each burn period) and retention time of at least 0.5 seconds when running at by-pass mode or direct mode. [District NSR Rule, 40 CFR part 64 and District Rule 4624] Federally Enforceable Through Title V Permit
5. VOC emissions from the loading racks #1, #2, #3, #4, #5, #6, and #7 served by the John Zink ZTOF combustion system shall not exceed 0.02 pound VOC per 1,000 gallon of organic liquid with greatest vapor pressure loaded. [District Rule 4624] Federally Enforceable Through Title V Permit
6. Daily emission limits from the John Zink ZTOF combustion system shall not exceed any of the following limits: 105.0 pounds VOC per day, 97.0 pounds NOx per day, 264.0 pounds CO per day, 30.7 pounds SOx per day, or 6.0 pounds PM10/day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Records of monthly LPG consumption and the daily and annual amount of gasoline loaded from the loading racks shall be maintained, retained on the premises and made available for District inspection upon request. [District NSR Rule and District Rule 4624] Federally Enforceable Through Title V Permit
8. Source testing to demonstrate compliance with permit conditions and all rules and regulations shall be conducted annually. [District Rule 4624, District NSR Rule and District Rule 1081] Federally Enforceable Through Title V Permit
9. Source testing shall be conducted using the methods and procedures approved by the District. A pretest plan outlining the test methods and procedures shall be submitted for the District's approval no later than 15 days prior to each test. [District Rule 1081] Federally Enforceable Through Title V Permit
10. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
11. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The operator of the facility shall comply with the provisions of District Rule 4624. [District Rule 4624] Federally Enforceable Through Title V Permit
13. The facility maximum gasoline throughput shall not exceed either of the following limits: 5.25 million gallons per day and 1,916,250,000 gallons per year. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624, 6.2.1 and Fresno County Rule 412] Federally Enforceable Through Title V Permit
15. VOC emissions from the vapor collection and control system shall be determined annually using 40CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 432, or ARB Method 2-4. [District Rule 4624, 6.2.2 and Fresno County Rule 412] Federally Enforceable Through Title V Permit
16. Loading and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624, 5.4 and Fresno County Rule 412] Federally Enforceable Through Title V Permit
17. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624 and Fresno County Rule 412. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
18. Devices used to monitor the John Zink ZTOF burner operating temperature shall be maintained in accordance with the manufacture's specifications. [40 CFR part 64] Federally Enforceable Through Title V Permit
19. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR part 64] Federally Enforceable Through Title V Permit
20. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR part 64.8. [40 CFR part 64] Federally Enforceable Through Title V Permit
21. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-4-4

EXPIRATION DATE: 05/31/2016

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EQUIPMENT DESCRIPTION:
63,000 GALLON ABOVEGROUND FIXED ROOF STORAGE TANK, FR-1, WITH CONAKO VACONODECK INTERNAL FLOATING PAN.

PERMIT UNIT REQUIREMENTS

1. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.4.2, District Rule 4623, 6.1] Federally Enforceable Through Title V Permit
2. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1] Federally Enforceable Through Title V Permit
3. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
4. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
5. The cumulative length of all gaps, between the tank shell and the primary seal: 1) Greater than one-half (1/2) inch shall not exceed 10 percent of the circumference of the tank; and 2) Greater than one-eighth (1/8) inch shall not exceed 30 percent of the circumference of the tank. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
6. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
7. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
8. Cumulative length of all gaps between the tank shell and secondary seal greater than one-eighth (1/8) inch shall not exceed 5 percent of the tank circumference for all seal types. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 18 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
10. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
11. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

13. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

14. All openings in the roof used for sampling and gauging, except pressure-vacuum valves which shall be set to within 10% of the maximum allowable working pressure of the roof, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be leak-free, except when the device or appurtenance is in use. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit

15. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11] Federally Enforceable Through Title V Permit

16. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.1.1] Federally Enforceable Through Title V Permit

17. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, combination manway/vacuum breakers, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623, 5.5.2.1.1] Federally Enforceable Through Title V Permit

18. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.1.3] Federally Enforceable Through Title V Permit

19. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or set to open at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.1.4] Federally Enforceable Through Title V Permit

20. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623, 5.5.2.1.5] Federally Enforceable Through Title V Permit

21. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623, 5.5.2.1.6] Federally Enforceable Through Title V Permit

22. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623, 6.1.4.1] Federally Enforceable Through Title V Permit

23. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of hydrocarbon vapors. Any defects found are violations of this rule. [District Rule 4623, 6.1.4.2] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

24. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623, 6.1.4.3] Federally Enforceable Through Title V Permit

25. Vapor pressure of stored liquids shall be determined as described in section 6.4.3 of District Rule 4623 (revised 5/19/05). [District Rule 4623, 6.4.3] Federally Enforceable Through Title V Permit

26. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

27. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

28. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

29. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

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Air Pollution Control District

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PERMIT UNIT: C-1077-5-10

EXPIRATION DATE: 05/31/2016

EQUIPMENT DESCRIPTION:
762,500 GALLON ABOVEGROUND MULTI-PRODUCT (GASOLINE & ETHANOL) ORGANIC LIQUID STORAGE TANK FR-2 EQUIPPED WITH DOMED EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP AND ETHANOL TRUCK UNLOADING STATION WITH TWO FOUR-INCH FLEXIBLE UNLOADING HOSES

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The only organic liquids approved for storage in the external floating roof tank shall be gasoline and ethanol. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The true vapor pressure (TVP) of liquids stored in the external floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1] Federally Enforceable Through Title V Permit
4. The total annual organic liquid throughput for Tank FR-2 shall not exceed 6,626,575 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Daily VOC emissions shall not exceed 5.4 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.4.2 and District Rule 4623, 6.1] Federally Enforceable Through Title V Permit
7. The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the District in writing at least five calendar days prior to performing the work. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. The tank pressure-vacuum (PV) relief valve shall be set to within 10% of the maximum allowable working pressure of the tank. The PV relief valve shall be permanently labeled with the operating pressure settings. The PV relief valve shall be properly installed and maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in gas-tight condition except when the operating pressure exceeds the valve's set pressure. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit
9. Gaps between the tank shell and the primary seal shall not exceed one and one-half (1-1/2) inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. The cumulative length of all primary seal gaps greater than one-half (1/2) inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. The cumulative length of all primary seal gaps greater than one-eighth (1/8) inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

12. No continuous gap greater than one-eighth (1/8) inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
13. No gap between the tank shell and the secondary seal shall exceed one-half (1/2) inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
14. The cumulative length of all gaps between the tank shell and the secondary seal, greater than one-eighth (1/8) inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
15. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
16. The maximum gap between the shoe and the tank shell shall be no greater than double the gap allowed by the seal gap criteria for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
17. There shall be no tears, holes or openings in the secondary seal or in the primary seal envelope surrounding the annular vapor space enclosed by the roof edge, stored liquid surface, shoe, and seal fabric. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit
18. The secondary seal shall allow easy insertion of probes of up to one and one-half (1-1/2) inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit
19. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit
20. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be leak free, except when the device or appurtenance is in use for sampling or gauging. [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit
21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit
22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit
23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3] Federally Enforceable Through Title V Permit
24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit
25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit
26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit
27. The well shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.4.1] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

28. The well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well provided the gap does not exceed one-eighth (1/8) inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed one-eighth (1/8) inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

30. The permittee of external floating roof tanks shall make the primary seal envelope available for unobstructed inspection by the District on an annual basis at locations selected along its circumference at random by the District. In the case of riveted tanks with toroid-type seals, a minimum of eight (8) locations shall be made available; in all other cases, a minimum of four (4) locations shall be made available. If the District suspects a violation may exist, the District may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

31. The permittee shall inspect all floating tanks at least once every 12 months to determine compliance with the requirements of Rule 4623. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the District as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

32. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time a tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

33. The permittee shall submit the reports of the floating roof tank inspections to the District within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the District, but the inspection report shall be kept on-site and made available upon request by the District. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

34. Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, and type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. The permittee shall keep the records at the facility (on-site) for a period of five years. The records shall be made available to the APCO upon request. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-6-6

EXPIRATION DATE: 05/31/2016

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EQUIPMENT DESCRIPTION:
370,400 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-3, EXTERNAL FLOATING ROOF WITH A RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-3 shall not exceed 3,219,300 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 10.3 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. {2653} True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. {2654} The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. {2655} The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. {2656} Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. {2657} The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. {2658} The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. {2659} No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. {2660} No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. {2661} The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. {2662} The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. {2663} The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. {2664} There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. {2665} The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. {2666} The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. {2699} The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. {2703} Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. {2704} Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. {2705} Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. {2706} Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. {2592} As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. {2591} The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended May 19, 2005) A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. {2611} This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-19-6 **EXPIRATION DATE:** 05/31/2016

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EQUIPMENT DESCRIPTION:
1,512,000 GALLON ABOVEGROUND CONE ROOF GASOLINE STORAGE TANK FR-17, INTERNAL FLOATING ROOF EQUIPPED WITH APPROVED MECHANICAL SHOE TYPE PRIMARY SEAL AND A RIM-MOUNTED STEEL COMPRESSION PLATE SECONDARY SEAL

PERMIT UNIT REQUIREMENTS

1. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
2. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623, 6.3.4] Federally Enforceable Through Title V Permit
3. Gasoline throughput shall not exceed 36,000 barrels per day based on a monthly average. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
5. {2656} Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
6. {2657} The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
7. {2658} The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
8. {2659} No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. {2660} No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
10. {2661} The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
11. {2662} The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. {2663} The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

13. {2664} There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

14. {2665} The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

15. {2666} The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

16. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

17. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

18. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.1.1] Federally Enforceable Through Title V Permit

19. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623, 5.5.2.1.1] Federally Enforceable Through Title V Permit

20. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.1.3] Federally Enforceable Through Title V Permit

21. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.1.4] Federally Enforceable Through Title V Permit

22. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623, 5.5.2.1.5] Federally Enforceable Through Title V Permit

23. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623, 5.5.2.1.6] Federally Enforceable Through Title V Permit

24. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623, 6.1.4.1] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

25. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623, 6.1.4.2] Federally Enforceable Through Title V Permit

26. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623, 6.1.4.3] Federally Enforceable Through Title V Permit

27. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

28. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

29. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-20-5 **EXPIRATION DATE:** 05/31/2016

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EQUIPMENT DESCRIPTION:
210,000-GALLON ABOVEGROUND CONE ROOF STORAGE TANK FR-18, INTERNAL FLOATING ROOF EQUIPPED WITH APPROVED PRIMARY AND SECONDARY SEALS.

PERMIT UNIT REQUIREMENTS

1. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3, District Rule 4623, 6.1] Federally Enforceable Through Title V Permit
2. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
3. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623, 5.3.1.3, CFR 60.112b(a)(1)(i)] Federally Enforceable Through Title V Permit
4. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
5. The cumulative length of all gaps, between the tank shell and the primary seal: 1) Greater than one-half (1/2) inch shall not exceed 10 percent of the circumference of the tank; and 2) Greater than one-eighth (1/8) inch shall not exceed 30 percent of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
6. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
7. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
8. Cumulative length of all gaps between the tank shell and secondary seal greater than one-eighth (1/8) inch shall not exceed 5 percent of the tank circumference for all seal types. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
9. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 18 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
10. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
11. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

13. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

14. All openings in the roof used for sampling and gauging, except pressure-vacuum comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit

15. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11] Federally Enforceable Through Title V Permit

16. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iii)] Federally Enforceable Through Title V Permit

17. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iv)] Federally Enforceable Through Title V Permit

18. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.1.3, 40 CFR 60.112b(a)(1)(v)] Federally Enforceable Through Title V Permit

19. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.1.4, 40 CFR 60.112b(a)(1)(vi)] Federally Enforceable Through Title V Permit

20. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623, 5.5.2.1.5, 40 CFR 60.112b(a)(1)(vii)] Federally Enforceable Through Title V Permit

21. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623, 5.5.2.1.6, 40 CFR 60.112b(a)(1)(viii)] Federally Enforceable Through Title V Permit

22. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623, 6.1.4.1, 40 CFR60.113b(b)(a)(3) and (4)] Federally Enforceable Through Title V Permit

23. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623, 6.1.4.2] Federally Enforceable Through Title V Permit

24. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623, 6.1.4.3] Federally Enforceable Through Title V Permit

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25. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (revised 5-19-05). [District Rule 4623, 6.2] Federally Enforceable Through Title V Permit

26. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

27. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

28. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623, 6.3.4] Federally Enforceable Through Title V Permit

29. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

30. The internal floating roof tank shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: a) a foam or liquid-filled seal mounted in contact with the liquid, b) two seals mounted one above the other so that each forms a continuous closure c) a mechanical shoe seal. [40 CFR 60.112b(a)(1)(ii)] Federally Enforceable Through Title V Permit

31. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(ix)] Federally Enforceable Through Title V Permit

32. The operator shall visually inspect the internal floating roof, the primary seal and the secondary seal prior to filling the storage vessel. If holes, tears, or other openings are found, they shall be repaired prior to filling. [40 CFR 60.113b(a)(1)] Federally Enforceable Through Title V Permit

33. Operator shall notify the APCO in writing 30 days prior to the filling or refilling of the vessel. If the inspection is not planned and the operator could not have known about the inspection 30 days in advance of refilling the tank, the operator shall make notification 7 days prior to refilling the tank. [40 CFR 60.113b(a)(5)] Federally Enforceable Through Title V Permit

34. Records of each inspection shall be maintained. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment. If any defects are detected during an inspection, operator shall provide the APCO with a report within 30 days of the inspection. The report shall identify the storage vessel, the nature of the defects, and the date the vessel was emptied or the nature of and date the repair was made. [40 CFR 60.115b(a)(2), (3) and (4)] Federally Enforceable Through Title V Permit

35. The operator shall keep readily available accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. The operator shall also keep a record of the liquid stored, the period of storage, and the maximum true vapor pressure of the liquid during the respective storage period. [40 CFR 60.116b(b) and (c)] Federally Enforceable Through Title V Permit

36. Available data on the storage temperature may be used to determine the maximum true vapor pressure. For vessels operated above or below ambient temperatures, the maximum true vapor pressure may be calculated using the highest expected calendar month average of the storage temperature. For vessels operated at ambient temperature, the maximum true vapor pressure may be calculated using maximum local monthly ambient temperatures as reported by the National Weather Service. [40 CFR 60.116b(e)(1)] Federally Enforceable Through Title V Permit

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37. For crude oil or refined petroleum products the vapor pressure may be obtained by either: a) available data on the Reid vapor pressure and maximum expected storage temperature from nomographs contained in API Bulletin 2517, b) obtained from standard reference texts, c) determined by ASTM Method D2879-83, or c) measured or calculated by an appropriate method approved by the APCO. [40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-21-5 **EXPIRATION DATE:** 05/31/2016

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EQUIPMENT DESCRIPTION:
2,100,000 GALLON ABOVEGROUND CONE ROOF STORAGE TANK FR-19, INTERNAL FLOATING ROOF EQUIPPED WITH APPROVED PRIMARY AND SECONDARY SEALS.

PERMIT UNIT REQUIREMENTS

1. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3, District Rule 4623, 6.1] Federally Enforceable Through Title V Permit
2. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
3. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623, 5.3.1.3, CFR 60.112b(a)(1)(i)] Federally Enforceable Through Title V Permit
4. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
5. The cumulative length of all gaps, between the tank shell and the primary seal: 1) Greater than one-half (1/2) inch shall not exceed 10 percent of the circumference of the tank; and 2) Greater than one-eighth (1/8) inch shall not exceed 30 percent of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
6. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
7. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
8. Cumulative length of all gaps between the tank shell and secondary seal greater than one-eighth (1/8) inch shall not exceed 5 percent of the tank circumference for all seal types. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
9. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 18 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
10. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
11. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

13. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

14. All openings in the roof used for sampling and gauging, except pressure-vacuum comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit

15. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11] Federally Enforceable Through Title V Permit

16. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iii)] Federally Enforceable Through Title V Permit

17. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iv)] Federally Enforceable Through Title V Permit

18. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.1.3, 40 CFR 60.112b(a)(1)(v)] Federally Enforceable Through Title V Permit

19. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.1.4, 40 CFR 60.112b(a)(1)(vi)] Federally Enforceable Through Title V Permit

20. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623, 5.5.2.1.5, 40 CFR 60.112b(a)(1)(vii)] Federally Enforceable Through Title V Permit

21. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623, 5.5.2.1.6, 40 CFR 60.112b(a)(1)(viii)] Federally Enforceable Through Title V Permit

22. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623, 6.1.4.1, 40 CFR60.113b(b)(a)(3) and (4)] Federally Enforceable Through Title V Permit

23. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623, 6.1.4.2] Federally Enforceable Through Title V Permit

24. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623, 6.1.4.3] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

25. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (revised 5-19-05). [District Rule 4623, 6.2] Federally Enforceable Through Title V Permit

26. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

27. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

28. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623, 6.3.4] Federally Enforceable Through Title V Permit

29. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

30. The internal floating roof tank shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: a) a foam or liquid-filled seal mounted in contact with the liquid, b) two seals mounted one above the other so that each forms a continuous closure c) a mechanical shoe seal. [40 CFR 60.112b(a)(1)(ii)] Federally Enforceable Through Title V Permit

31. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(ix)] Federally Enforceable Through Title V Permit

32. The operator shall visually inspect the internal floating roof, the primary seal and the secondary seal prior to filling the storage vessel. If holes, tears, or other openings are found, they shall be repaired prior to filling. [40 CFR 60.113b(a)(1)] Federally Enforceable Through Title V Permit

33. Operator shall notify the APCO in writing 30 days prior to the filling or refilling of the vessel. If the inspection is not planned and the operator could not have known about the inspection 30 days in advance of refilling the tank, the operator shall make notification 7 days prior to refilling the tank. [40 CFR 60.113b(a)(5)] Federally Enforceable Through Title V Permit

34. Records of each inspection shall be maintained. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment. If any defects are detected during an inspection, operator shall provide the APCO with a report within 30 days of the inspection. The report shall identify the storage vessel, the nature of the defects, and the date the vessel was emptied or the nature of and date the repair was made. [40 CFR 60.115b(a)(2), (3) and (4)] Federally Enforceable Through Title V Permit

35. The operator shall keep readily available accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. The operator shall also keep a record of the liquid stored, the period of storage, and the maximum true vapor pressure of the liquid during the respective storage period. [40 CFR 60.116b(b) and (c)] Federally Enforceable Through Title V Permit

36. Available data on the storage temperature may be used to determine the maximum true vapor pressure. For vessels operated above or below ambient temperatures, the maximum true vapor pressure may be calculated using the highest expected calendar month average of the storage temperature. For vessels operated at ambient temperature, the maximum true vapor pressure may be calculated using maximum local monthly ambient temperatures as reported by the National Weather Service. [40 CFR 60.116b(e)(1)] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. For crude oil or refined petroleum products the vapor pressure may be obtained by either: a) available data on the Reid vapor pressure and maximum expected storage temperature from nomographs contained in API Bulletin 2517, b) obtained from standard reference texts, c) determined by ASTM Method D2879-83, or c) measured or calculated by an appropriate method approved by the APCO. [40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-22-6 **EXPIRATION DATE:** 05/31/2016

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EQUIPMENT DESCRIPTION:
3,360,000 GALLON ABOVEGROUND CONE ROOF GASOLINE STORAGE TANK FR-20, INTERNAL FLOATING ROOF EQUIPPED WITH AN HMT MINI-SHOE SEAL AND AN HMT VAPORFLEX SECONDARY SEAL.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The true vapor pressure (TVP) of liquids stored in the external floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
3. Maintain tank-to-seal gaps according to the criteria in section 5.3.2 of District Rule 4623 (amended 5-19-05). [District Rule 4623, 5.3.2] Federally Enforceable Through Title V Permit
4. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit
5. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11] Federally Enforceable Through Title V Permit
6. The total annual gasoline throughput for Tank FR-20 shall not exceed 29,200,000 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Daily VOC emissions shall not exceed 13.8 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
8. The permittee shall comply with all other applicable provisions of Rule 4623 (amended 5-19-05). [District Rule 4623] Federally Enforceable Through Title V Permit
9. The permittee shall comply with all applicable provisions of 40 CFR 60 Subpart Kb. [40 CFR 60 Subpart Kb] Federally Enforceable Through Title V Permit
10. The permittee shall comply with recordkeeping requirements in section 6.3 of District Rule 4623 (amended 5-19-05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
11. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. [District Rule 4623, 5.3.1.3 and 40 CFR 60.112b(a)(1)(i)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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12. The internal floating roof tank shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: a) a foam or liquid-filled seal mounted in contact with the liquid, b) two seals mounted one above the other so that each forms a continuous closure c) a mechanical shoe seal. [District Rule 4623, 5.5.2.1.5 and 40 CFR 60.112b(a)(1)(ii)] Federally Enforceable Through Title V Permit

13. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iii)] Federally Enforceable Through Title V Permit

14. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623, 5.5.2.1.2, 40 CFR 60.112b(a)(1)(iv)] Federally Enforceable Through Title V Permit

15. Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.1.3 and 40 CFR 60.112b(a)(1)(v)] Federally Enforceable Through Title V Permit

16. Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.1.4 and 40 CFR 60.112b(a)(1)(vi)] Federally Enforceable Through Title V Permit

17. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. [District Rule 4623, 5.5.2.1.5 and 40 CFR 60.112b(a)(1)(vii)] Federally Enforceable Through Title V Permit

18. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. [District Rule 4623, 5.5.2.1.6 and 40 CFR 60.112b(a)(1)(viii)] Federally Enforceable Through Title V Permit

19. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(ix)] Federally Enforceable Through Title V Permit

20. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623, 6.1.4.1, 40 CFR60.113b(b)(a)(3) and (4)] Federally Enforceable Through Title V Permit

21. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623, 6.1.4.2] Federally Enforceable Through Title V Permit

22. For this vessel which is equipped with a double seal system, inspections may be carried out as specified above, or using the following procedure every 5 years: Visually inspect the internal floating roof, the primary seal, the secondary seal, gaskets, slotted membranes and sleeve seals each time the vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other opening in the seal or the seal fabric, or the secondary seal has holes, tears, or other opening in the seal or seal fabric, or the gaskets no longer close off the liquid surfaces, or the slotted membrane has more than 10 percent open area, the operator shall make necessary repairs prior to filling the vessel. [40 CFR 60.113b(a)(3) and (4)] Federally Enforceable Through Title V Permit

23. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623, 6.1.4.3] Federally Enforceable Through Title V Permit

24. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5-19-05). [District Rule 4623, 6.2 and 40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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25. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

26. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

27. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available for District staff upon request. [District Rule 2520, 9.3 and District Rule 4623, 6.3.4] Federally Enforceable Through Title V Permit

28. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

29. The operator shall visually inspect the internal floating roof, the primary seal and the secondary seal prior to filling the storage vessel. If holes, tears, or other openings are found, they shall be repaired prior to filling. [40 CFR 60.113b(a)(1)] Federally Enforceable Through Title V Permit

30. Operator shall notify the APCO in writing 30 days prior to the filling or refilling of the vessel. If the inspection is not planned and the operator could not have known about the inspection 30 days in advance of refilling the tank, the operator shall make notification 7 days prior to refilling the tank. [40 CFR 60.113b(a)(5)] Federally Enforceable Through Title V Permit

31. Records of each inspection shall be maintained. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment. If any defects are detected during an inspection, operator shall provide the APCO with a report within 30 days of the inspection. The report shall identify the storage vessel, the nature of the defects, and the date the vessel was emptied or the nature of and date the repair was made. [District Rule 4623, 6.3.5 and 40 CFR 60.115b(a)(2), (3) and (4)] Federally Enforceable Through Title V Permit

32. The operator shall keep readily available accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. The operator shall also keep a record of the liquid stored, the period of storage, and the maximum true vapor pressure of the liquid during the respective storage period. [District Rule 4623, 6.1.2 and 40 CFR 60.116b(b) and (c)] Federally Enforceable Through Title V Permit

33. Available data on the storage temperature may be used to determine the maximum true vapor pressure. For vessels operated above or below ambient temperatures, the maximum true vapor pressure may be calculated using the highest expected calendar month average of the storage temperature. For vessels operated at ambient temperature, the maximum true vapor pressure may be calculated using maximum local monthly ambient temperatures as reported by the National Weather Service. [40 CFR 60.116b(e)(1)] Federally Enforceable Through Title V Permit

34. For crude oil or refined petroleum products the vapor pressure may be obtained by either: a) available data on the Reid vapor pressure and maximum expected storage temperature from nomographs contained in API Bulletin 2517, b) obtained from standard reference texts, c) determined by ASTM Method D2879-83, or c) measured or calculated by an appropriate method approved by the APCO. [40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit

35. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-23-7

EXPIRATION DATE: 05/31/2016

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EQUIPMENT DESCRIPTION:
2,520,000 GALLON ABOVEGROUND CONE ROOF PETROLEUM DISTILLATES AND GASOLINE STORAGE TANK FR-21, INTERNAL FLOATING ROOF EQUIPPED WITH URETHANE FABRIC "RESILIENT TOROIDAL SEAL" WITH WOVEN NYLON INSERT, AND "FOAM LOGS" INSERTED BETWEEN TANK SHELL AND PAN RIM

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
3. No gap between the tank shell and the primary seal shall exceed one-half (1/2) inch. The cumulative length of all primary seal gaps greater than one-eighth (1/8) inch shall not exceed five (5) percent of the tank circumference. No continuous gap greater than one-eighth (1/8) inc shall exceed ten (10) percent of the tank circumference. [District Rule 4623] Federally Enforceable Through Title V Permit
4. No gap between the tank shell and the secondary seal shall exceed one-half (1/2) inch. The cumulative length of all gaps between the tank shell and the secondary seal, greater than one-eighth (1/8) inch shall not exceed five (5) percent of the tank circumference. [District Rule 4623] Federally Enforceable Through Title V Permit
5. No gap between the tank shell and the secondary seal shall exceed one-half (1/2) inch. [District Rule 4623] Federally Enforceable Through Title V Permit
6. The secondary seal shall extend from the roof of the tank to the shell and not be attached to the primary seal. [District Rule 4623] Federally Enforceable Through Title V Permit
7. The secondary seal shall allow easy insertion of probes up to one-half (1/2) in width in order to measure gaps in the primary seal. [District Rule 4623] Federally Enforceable Through Title V Permit
8. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be leak-free, except when the device or appurtenance is in use. [District Rule 4623] Federally Enforceable Through Title V Permit
9. A leak-free condition is defined as a condition without a gas leak or a liquid leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623] Federally Enforceable Through Title V Permit
10. The permittee shall comply with all other applicable provisions of Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
11. The permittee shall comply with all applicable provisions of 40 CFR 60 Subpart Kb. [40 CFR 60 Subpart Kb] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The permittee shall comply with recordkeeping requirements in section 6.3 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623] Federally Enforceable Through Title V Permit

13. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. [District Rule 4623 and 40 CFR 60.112b(a)(1)(i)] Federally Enforceable Through Title V Permit

14. The internal floating roof tank shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: a) a foam or liquid-filled seal mounted in contact with the liquid, b) two seals mounted one above the other so that each forms a continuous closure c) a mechanical shoe seal. [District Rule 4623 and 40 CFR 60.112b(a)(1)(ii)] Federally Enforceable Through Title V Permit

15. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623 and 40 CFR 60.112b(a)(1)(iii)] Federally Enforceable Through Title V Permit

16. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623 and 40 CFR 60.112b(a)(1)(iv)] Federally Enforceable Through Title V Permit

17. Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623 and 40 CFR 60.112b(a)(1)(v)] Federally Enforceable Through Title V Permit

18. Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623 and 40 CFR 60.112b(a)(1)(vi)] Federally Enforceable Through Title V Permit

19. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. [District Rule 4623 and 40 CFR 60.112b(a)(1)(vii)] Federally Enforceable Through Title V Permit

20. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. [District Rule 4623 and 40 CFR 60.112b(a)(1)(viii)] Federally Enforceable Through Title V Permit

21. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(ix)] Federally Enforceable Through Title V Permit

22. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623 and 40 CFR60.113b(b)(a)(3) and (4)] Federally Enforceable Through Title V Permit

23. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

24. For this vessel which is equipped with a double seal system, inspections may be carried out as specified above, or using the following procedure every 5 years: Visually inspect the internal floating roof, the primary seal, the secondary seal, gaskets, slotted membranes and sleeve seals each time the vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other opening in the seal or the seal fabric, or the secondary seal has holes, tears, or other opening in the seal or seal fabric, or the gaskets no longer close off the liquid surfaces, or the slotted membrane has more than 10 percent open area, the operator shall make necessary repairs prior to filling the vessel. [40 CFR 60.113b(a)(3) and (4)] Federally Enforceable Through Title V Permit
25. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623] Federally Enforceable Through Title V Permit
26. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623 and 40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit
27. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
28. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623] Federally Enforceable Through Title V Permit
29. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit
30. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit
31. The operator shall visually inspect the internal floating roof, the primary seal and the secondary seal prior to filling the storage vessel. If holes, tears, or other openings are found, they shall be repaired prior to filling. [40 CFR 60.113b(a)(1)] Federally Enforceable Through Title V Permit
32. Operator shall notify the APCO in writing 30 days prior to the filling or refilling of the vessel. If the inspection is not planned and the operator could not have known about the inspection 30 days in advance of refilling the tank, the operator shall make notification 7 days prior to refilling the tank. [40 CFR 60.113b(a)(5)] Federally Enforceable Through Title V Permit
33. Records of each inspection shall be maintained. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment. If any defects are detected during an inspection, operator shall provide the APCO with a report within 30 days of the inspection. The report shall identify the storage vessel, the nature of the defects, and the date the vessel was emptied or the nature of and date the repair was made. [40 CFR 60.115b(a)(2), (3) and (4)] Federally Enforceable Through Title V Permit
34. The operator shall keep readily available accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. The operator shall also keep a record of the liquid stored, the period of storage, and the maximum true vapor pressure of the liquid during the respective storage period. [40 CFR 60.116b(b) and (c)] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

35. Available data on the storage temperature may be used to determine the maximum true vapor pressure. For vessels operated above or below ambient temperatures, the maximum true vapor pressure may be calculated using the highest expected calendar month average of the storage temperature. For vessels operated at ambient temperature, the maximum true vapor pressure may be calculated using maximum local monthly ambient temperatures as reported by the National Weather Service. [40 CFR 60.116b(e)(1)] Federally Enforceable Through Title V Permit

36. For crude oil or refined petroleum products the vapor pressure may be obtained by either: a) available data on the Reid vapor pressure and maximum expected storage temperature from nomographs contained in API Bulletin 2517, b) obtained from standard reference texts, c) determined by ASTM Method D2879-83, or c) measured or calculated by an appropriate method approved by the APCO. [40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-24-6

EXPIRATION DATE: 05/31/2016

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EQUIPMENT DESCRIPTION:
375,000 GALLON VAPOR HOLDER TANK, EQUIPPED WITH MESA RUBBER COMPANY "BLADDER SYSTEM" TO CONTROL HYDROCARBON EMISSIONS.

PERMIT UNIT REQUIREMENTS

1. The air pollution control measure "bladder system" shall be maintained as per manufacturer's specifications submitted to the District. [District NSR Rule] Federally Enforceable Through Title V Permit
2. There shall be no uncontrolled vapor venting from this tank. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The vapor transfer lines to the vapor recovery unit shall be maintained in a leak tight condition. [District NSR Rule] Federally Enforceable Through Title V Permit
4. All processor and transfer equipment, including vapor transfer lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Inspections shall be conducted using sight, sound and smell, and instrument methods to detect leak every month to maintain compliance with leak-free condition. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
6. The source shall perform leak inspections at least annually, using a portable hydrocarbon detection instrument in accordance with EPA Method 21. [2520, 9.3] Federally Enforceable Through Title V Permit
7. Any vapor control device, other than a flare, shall demonstrate at least 95% control efficiency as measured by EPA Method 25 at least annually. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

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PERMIT UNIT: C-1077-26-11

EXPIRATION DATE: 03/31/2016

EQUIPMENT DESCRIPTION:
LOADING RACK #1 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit

10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit

11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit

12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit

13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit

14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit

15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit

16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit

17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit

18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit

19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit

20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit

21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-27-11

EXPIRATION DATE: 05/31/2016

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EQUIPMENT DESCRIPTION:
LOADING RACK #2 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit

10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit

11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit

12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit

13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit

14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit

15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit

16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit

17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit

18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit

19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit

20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit

21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-28-11

EXPIRATION DATE: 05/31/2016

DRAFT

EQUIPMENT DESCRIPTION:
LOADING RACK #3 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit

10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit

11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit

12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit

13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit

14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit

15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit

16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit

17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit

18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit

19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit

20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit

21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-29-11 **EXPIRATION DATE:** 05/31/2016

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EQUIPMENT DESCRIPTION:
LOADING RACK #4 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit

10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit

11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit

12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit

13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit

14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit

15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit

16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit

17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit

18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit

19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit

20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit

21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-38-11 **EXPIRATION DATE:** 05/31/2016

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EQUIPMENT DESCRIPTION:
LOADING RACK #6 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit

10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit

11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit

12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit

13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit

14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit

15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit

16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit

17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit

18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit

19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit

20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit

21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-39-4

EXPIRATION DATE: 05/31/2016

DRAFT

EQUIPMENT DESCRIPTION:
TANK FR-24; 30,000 BARREL FIXED CONE ROOF STEEL STORAGE TANK.

PERMIT UNIT REQUIREMENTS

1. This tank shall store liquid with a true vapor pressure (TVP) of 0.1 or less under all storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
2. Storage tank shall be equipped with a pressure-vacuum valve set to within 10% of the maximum allowable working pressure of the container. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit
3. Total throughput of JP-5 Jet Fuel through the pipeline is not to exceed 500,000 gallons in any one day. Total throughput for one year not to exceed 2.5 million barrels. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Records of daily JP-5 throughput shall be maintained and made available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit
5. All equipment shall be maintained in good working order so as to minimize VOC emissions to the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Emissions are not to exceed 7 lbs. per day of VOC. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Operator shall determine the true vapor pressure of the petroleum liquid stored in the tank at least once per year in accordance with methods described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
8. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
9. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
10. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-40-4

EXPIRATION DATE: 05/31/2016

DRAFT

EQUIPMENT DESCRIPTION:
TANK FR-25, 30,000 BARREL (1,260,000 GALLON) FIXED, CONE ROOF STEEL STORAGE TANK.

PERMIT UNIT REQUIREMENTS

1. This tank shall store liquid with a true vapor pressure (TVP) of 0.1 or less under all storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
2. Storage tank shall be equipped with a pressure-vacuum valve set to within 10% of the maximum allowable working pressure of the container. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit
3. Total throughput of JP-5 Jet Fuel through the pipeline is not to exceed 500,000 gallons in any one day. Total throughput for one year not to exceed 2.5 million barrels. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Records of daily JP-5 throughput shall be maintained and made available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit
5. All equipment shall be maintained in good working order so as to minimize VOC emissions to the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Emissions are not to exceed 7 lbs. per day of VOC. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Operator shall determine the true vapor pressure of the petroleum liquid stored in the tank at least once per year in accordance with methods described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-41-4

EXPIRATION DATE: 05/31/2016

DRAFT

EQUIPMENT DESCRIPTION:
TANK FR-18A, ONE 238 BARREL (10,000 GALLON) FIXED, CONE ROOF STORAGE TANK.

PERMIT UNIT REQUIREMENTS

1. This tank is strictly for the storage of Diethylene Glycol Monomethyl Ether. [District NSR Rule] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good working order so as to minimize VOC emissions to the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Total throughput of de-icing agent JP-5 Fuel pipeline stream shall not exceed 800 gallons in any one day to Lemoore NAS. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Records of daily Diethylene Glycol Monomethyl throughput shall be maintained and made available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Emissions are not to exceed 0.25 lb VOC/day. [District NSR Rule] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-42-7 **EXPIRATION DATE:** 05/31/2016

DRAFT

EQUIPMENT DESCRIPTION:
LOADING RACK #5 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO JOHN ZINK VAPOR BURNER

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit

10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit

11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit

12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit

13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit

14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit

15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit

16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit

17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit

18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit

19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit

20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit

21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-43-8

EXPIRATION DATE: 05/31/2016

DRAFT

EQUIPMENT DESCRIPTION:
TWO 500 GALLON FUEL ADDITIVE STORAGE CONTAINERS, LINKED BY PIPE TO LOADING ARM, FOR STORAGE OF FUEL ADDITIVE

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. These tanks shall only store fuel additive having a vapor pressure (TVP) of less than 1.5 psia under actual storage conditions. [District Rule 2520, Section 9.3] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-45-4

EXPIRATION DATE: 05/31/2016

DRAFT

EQUIPMENT DESCRIPTION:
10,000 GALLON FIXED ROOF TANK #17A, LINKED BY PIPE TO LOADING ARM, FOR STORAGE OF GASOLINE ADDITIVE WITH INITIAL BOILING POINT LESS THAN 302 F.

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623, 4.4] Federally Enforceable Through Title V Permit
3. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank in order to maintain exemption from the rule. [District Rule 4623, 6.2.2 and District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
4. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing. [District Rules 4623, 6.2.1.2] Federally Enforceable Through Title V Permit
5. Permittee shall submit the records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rules 4623, 6.3.6] Federally Enforceable Through Title V Permit
6. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rules 4623, 6.3.7] Federally Enforceable Through Title V Permit
7. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
8. Operator shall determine the true vapor pressure of the petroleum liquid stored in the tank at least once per year in accordance with methods described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-49-8 **EXPIRATION DATE:** 05/31/2016

DRAFT

EQUIPMENT DESCRIPTION:
TWO-LANE DENATURED ETHANOL TRUCK UNLOADING STATION EACH LANE WITH TWO FLEXIBLE UNLOADING HOSES, TWO PUMPS, PRODUCT ACCUMULATOR, AIR ELIMINATOR, METER AND SUPPORT EQUIPMENT, AND ORGANIC VAPORS RETURNED TO DELIVERY TRUCKS

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
3. Vapor return hose(s) shall connect displaced vapors to the delivery truck whenever tank truck, trailer, or car is unloading organic liquid. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit
4. All delivery trucks must be equipped with vapor collection equipment capable of undergoing a pressure change of no more than 1 inch of water within 5 minutes after it is pressured to 18 inches of water. This must be demonstrated annually for each truck using the procedures specified in EPA Method 27 of 40 CFR 60, Appendix A or CARB Test Methods CP-204, TP-204.1, TP204-2, and TP-204.3. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The vapor collection and control system shall operate such that the pressure in the delivery tank being unloaded does not exceed 18 inches water column pressure and six (6) inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
6. The transfer rack and vapor collection equipment shall be designed, installed, maintained and operated such that there are no leaks and no excess organic liquid drainage at disconnections. [District Rule 4624] Federally Enforceable Through Title V Permit
7. A leak is defined as the dripping of VOC-containing liquid at a rate of more than three (3) drops per minute, or the detection of any gaseous or vapor emissions with a concentration of VOC greater than 1,000 ppmv as methane above a background when measured using a portable hydrocarbon detection instrument in accordance with EPA Method 21. [District Rule 4624] Federally Enforceable Through Title V Permit
8. The operator shall inspect the vapor collection system, the vapor disposal system, and each transfer rack handling organic liquids for leaks during transfer at least once every calendar quarter using the EPA Method 21. [District Rule 4624] Federally Enforceable Through Title V Permit
9. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

10. An operator may apply for a written approval from the APCO to change the inspection frequency from quarterly to annually provided no leaks were found during five consecutive quarterly inspections. Upon identification of any leak during an annual inspection, the inspection frequency shall revert back to quarterly, and the operator shall contact the APCO in writing within 14 days. [District Rule 4624] Federally Enforceable Through Title V Permit
11. Fugitive component VOC emissions from the denatured ethanol unloading system shall not exceed 1.0 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain accurate component count for tank according to EPA's "Protocol for Equipment Leak Emission Estimate," Table 2-3, Marketing Terminal Average Emission Factors. Permittee shall update such records when new components are approved and installed. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The maximum throughput of denatured ethanol unloaded shall not exceed 427,350 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The maximum volume of liquid spilled during disconnect shall not exceed 10 milliliters. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Permittee shall maintain records of number and type of components installed and calculated fugitive emissions. Permittee shall update such records when new components are installed. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Daily records of amount of denatured ethanol unloaded at the denatured ethanol unloading system shall be maintained. [District Rules 1070, 2201, 4624] Federally Enforceable Through Title V Permit
17. Permittee shall maintain the following records for each truck: 1) the annual vapor collection equipment test result, 2) date the test was performed, and 3) truck identification. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date and time of leak detection, and method of detection; 3) Date and time of leak repair, and emission level of recheck after leak is repaired; 4) Method used to minimize the leak to lowest possible level within 72 hours after detection. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit
19. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-50-3 **EXPIRATION DATE:** 05/31/2016

DRAFT

EQUIPMENT DESCRIPTION:
80,000 BARREL INTERNAL FLOATING ROOF GASOLINE, DIESEL, JET FUEL, AND TRANSMIX STORAGE TANK (FR-26)

PERMIT UNIT REQUIREMENTS

1. Emissions from this tank shall not exceed 23.4 lbs VOC per day. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Daily throughput of this tank shall not exceed 80,000 barrels per day. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3, District Rule 4623, 6.1] Federally Enforceable Through Title V Permit
4. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
5. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623, 5.3.1.3, CFR 60.112b(a)(1)(i)] Federally Enforceable Through Title V Permit
6. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
7. The cumulative length of all gaps, between the tank shell and the primary seal: 1) Greater than one-half (1/2) inch shall not exceed 10 percent of the circumference of the tank; and 2) Greater than one-eighth (1/8) inch shall not exceed 30 percent of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
8. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
10. Cumulative length of all gaps between the tank shell and secondary seal greater than one-eighth (1/8) inch shall not exceed 5 percent of the tank circumference for all seal types. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
11. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 18 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

13. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

14. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

15. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

16. All openings in the roof used for sampling and gauging, except pressure-vacuum comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit

17. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11] Federally Enforceable Through Title V Permit

18. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iii)] Federally Enforceable Through Title V Permit

19. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iv)] Federally Enforceable Through Title V Permit

20. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.1.3, 40 CFR 60.112b(a)(1)(v)] Federally Enforceable Through Title V Permit

21. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.1.4, 40 CFR 60.112b(a)(1)(vi)] Federally Enforceable Through Title V Permit

22. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623, 5.5.2.1.5, 40 CFR 60.112b(a)(1)(vii)] Federally Enforceable Through Title V Permit

23. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623, 5.5.2.1.6, 40 CFR 60.112b(a)(1)(viii)] Federally Enforceable Through Title V Permit

24. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623, 6.1.4.1, 40 CFR60.113b(b)(a)(3) and (4)] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

25. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623, 6.1.4.2] Federally Enforceable Through Title V Permit

26. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623, 6.1.4.3] Federally Enforceable Through Title V Permit

27. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (revised 5-19-05). [District Rule 4623, 6.2] Federally Enforceable Through Title V Permit

28. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

29. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

30. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623, 6.3.4] Federally Enforceable Through Title V Permit

31. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

32. The internal floating roof tank shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: a) a foam or liquid-filled seal mounted in contact with the liquid, b) two seals mounted one above the other so that each forms a continuous closure c) a mechanical shoe seal. [40 CFR 60.112b(a)(1)(ii)] Federally Enforceable Through Title V Permit

33. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(ix)] Federally Enforceable Through Title V Permit

34. The operator shall visually inspect the internal floating roof, the primary seal and the secondary seal prior to filling the storage vessel. If holes, tears, or other openings are found, they shall be repaired prior to filling. [40 CFR 60.113b(a)(1)] Federally Enforceable Through Title V Permit

35. Operator shall notify the APCO in writing 30 days prior to the filling or refilling of the vessel. If the inspection is not planned and the operator could not have known about the inspection 30 days in advance of refilling the tank, the operator shall make notification 7 days prior to refilling the tank. [40 CFR 60.113b(a)(5)] Federally Enforceable Through Title V Permit

36. Records of each inspection shall be maintained. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment. If any defects are detected during an inspection, operator shall provide the APCO with a report within 30 days of the inspection. The report shall identify the storage vessel, the nature of the defects, and the date the vessel was emptied or the nature of and date the repair was made. [40 CFR 60.115b(a)(2), (3) and (4)] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. The operator shall keep readily available accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. The operator shall also keep a record of the liquid stored, the period of storage, and the maximum true vapor pressure of the liquid during the respective storage period. [40 CFR 60.116b(b) and (c)] Federally Enforceable Through Title V Permit

38. Available data on the storage temperature may be used to determine the maximum true vapor pressure. For vessels operated above or below ambient temperatures, the maximum true vapor pressure may be calculated using the highest expected calendar month average of the storage temperature. For vessels operated at ambient temperature, the maximum true vapor pressure may be calculated using maximum local monthly ambient temperatures as reported by the National Weather Service. [40 CFR 60.116b(e)(1)] Federally Enforceable Through Title V Permit

39. For crude oil or refined petroleum products the vapor pressure may be obtained by either: a) available data on the Reid vapor pressure and maximum expected storage temperature from nomographs contained in API Bulletin 2517, b) obtained from standard reference texts, c) determined by ASTM Method D2879-83, or c) measured or calculated by an appropriate method approved by the APCO. [40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-51-4

EXPIRATION DATE: 05/31/2016

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EQUIPMENT DESCRIPTION:
TWO LANE FUEL LOADING RACK #8 FOR PETROLEUM DISTILLATES AND GASOLINE WITH EIGHT LOADING STATIONS PER LANE CONTROLLED BY THE VAPOR COMBUSTION SYSTEM LISTED UNDER PERMIT C-1077-3, AND PERMIT EXEMPT DIESEL DYE INJECTION AND FUEL ADDITIVE INJECTION

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit

10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit

11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit

12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit

13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit

14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit

15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit

16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit

17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit

18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit

19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit

20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit

21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-52-1 **EXPIRATION DATE:** 05/31/2016

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EQUIPMENT DESCRIPTION:
OFF-SPECIFICATION PRODUCT TRUCK UNLOADING STATION WITH ONE UNLOADING CONNECTION GRAVITY DRAINED TO ONE PUMP SLEEVE, ONE PUMP, AIR ELIMINATOR, METER AND SUPPORT EQUIPMENT, AND VAPOR RETURN SYSTEM (VAPOR VENTED BACK TO TANKER TRUCK)

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
4. Vapor return hose(s) shall connect displaced vapors to the delivery truck whenever tank truck, trailer, or car is unloading organic liquid. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit
5. All delivery trucks must be equipped with vapor collection equipment capable of undergoing a pressure change of no more than 1 inch of water within 5 minutes after it is pressured to 18 inches of water. This must be demonstrated annually for each truck using the procedures specified in EPA Method 27 of 40 CFR 60, Appendix A or CARB Test Methods CP-204, TP-204.1, TP204-2, and TP-204.3. [District NSR Rule] Federally Enforceable Through Title V Permit
6. The vapor collection and control system shall operate such that the pressure in the delivery tank being unloaded does not exceed 18 inches water column pressure and six (6) inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
7. The transfer rack and vapor collection equipment shall be designed, installed, maintained and operated such that there are no leaks and no excess organic liquid drainage at disconnections. [District Rule 4624] Federally Enforceable Through Title V Permit
8. A leak is defined as the dripping of VOC-containing liquid at a rate of more than three (3) drops per minute, or the detection of any gaseous or vapor emissions with a concentration of VOC greater than 1,000 ppmv as methane above a background when measured using a portable hydrocarbon detection instrument in accordance with EPA Method 21. [District Rule 4624] Federally Enforceable Through Title V Permit
9. The operator shall inspect the vapor collection system, the vapor disposal system, and each transfer rack handling organic liquids for leaks during transfer at least once every calendar quarter using the EPA Method 21. [District Rule 4624, 5.9] Federally Enforceable Through Title V Permit
10. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624, 5.9] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

11. An operator may apply for a written approval from the APCO to change the inspection frequency from quarterly to annually provided no leaks were found during five consecutive quarterly inspections. Upon identification of any leak during an annual inspection, the inspection frequency shall revert back to quarterly, and the operator shall contact the APCO in writing within 14 days. [District Rule 4624, 5.9] Federally Enforceable Through Title V Permit
12. Unloading VOC emissions from the unloading system shall not exceed 0.093 lb-VOC/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Unloading VOC emissions from the unloading system shall not exceed 0.7 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The maximum number of unloading events shall not exceed either of the following limits: 45 events/day or 16,400 events/year. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Fugitive component VOC emissions from the unloading system shall not exceed 0.06 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The maximum volume of liquid spillage/leaks from each hose disconnect shall not exceed 10 milliliters. [District Rule 2201] Federally Enforceable Through Title V Permit
17. VOC emissions from truck unloading connections shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Permittee shall maintain accurate component count for tank according to EPA's "Protocol for Equipment Leak Emission Estimate," Table 2-3, Marketing Terminal Average Emission Factors. Permittee shall update such records when new components are approved and installed. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The maximum throughput of off-specification product unloaded shall not exceed any of the following: 75,600 gallons per day or 27,552,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Permittee shall maintain records of number and type of components installed and calculated fugitive emissions. Permittee shall update such records when new components are installed. [District Rule 2201] Federally Enforceable Through Title V Permit
21. Daily records of amount of off-specification product unloaded and number of trucks unloaded at the unloading system shall be maintained. [District Rules 1070, 2201, 4624] Federally Enforceable Through Title V Permit
22. Permittee shall maintain the following records for each truck: 1) the annual vapor collection equipment test result, 2) date the test was performed, and 3) truck identification. [District NSR Rule] Federally Enforceable Through Title V Permit
23. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date and time of leak detection, and method of detection; 3) Date and time of leak repair, and emission level of recheck after leak is repaired; 4) Method used to minimize the leak to lowest possible level within 72 hours after detection. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit
24. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-53-1

EXPIRATION DATE: 05/31/2016

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EQUIPMENT DESCRIPTION:
500 GALLON FUEL ADDITIVE STORAGE TANK WITH PV VALVE LINKED BY PIPE TO LOADING RACK LISTED IN PERMIT C-1077-51

PERMIT UNIT REQUIREMENTS

1. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
3. The tank shall be equipped with a fixed roof with no holes or openings. [District Rule 2201] Federally Enforceable Through Title V Permit
4. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.4 psia under all storage conditions. [District Rule 2201] Federally Enforceable Through Title V Permit
5. This tank shall be equipped with a pressure-vacuum (PV) relief valve set to within 10% of the maximum allowable working pressure of the tank, permanently labeled with the operating pressure settings, properly maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in gas-tight condition except when the operating pressure exceeds the valve's set pressure. [District Rule 2201] Federally Enforceable Through Title V Permit
6. This tank shall be in a leak-free condition. A leak-free condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Daily throughput of this tank shall not exceed 500 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Annual throughput of this tank shall not exceed 6,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. VOC emission rate from the tank shall not exceed 0.5 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Permittee shall maintain daily records of organic liquid throughput and shall keep accurate records of each organic liquid stored in the tank, including its storage temperature and TVP. [District Rule 1070] Federally Enforceable Through Title V Permit
11. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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ATTACHMENT B

Previous Title V Operating Permit

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

HEALTHY AIR LIVING™

Permit to Operate

FACILITY: C-1077 **EXPIRATION DATE:** 05/31/2016

LEGAL OWNER OR OPERATOR: SFPP, L.P.
MAILING ADDRESS: 1100 TOWN & COUNTRY ROAD
ORANGE, CA 92868

FACILITY LOCATION: 4149 S MAPLE AVE
FRESNO, CA 93725

FACILITY DESCRIPTION: PETROLEUM TRANSPORTATION

The Facility's Permit to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

This Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

Seyed Sadredin
Executive Director / APCO

Arnaud Marjollet
Director of Permit Services

Mar 23 2016 11:57AM – RINALDIR

San Joaquin Valley
Air Pollution Control District

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PERMIT UNIT: C-1077-7-6 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
1,260,000 GALLON ABOVEGROUND CONE ROOF PETROLEUM DISTILLATES AND GASOLINE STORAGE TANK FR-4, INTERNAL FLOATING ROOF EQUIPPED WITH A LIQUID MOUNTED METALLIC SHOE PRIMARY SEAL AND A RIM-MOUNTED SECONDARY SEAL MADE OF STEEL COMPRESSION PLATES AND A RUBBER WIPER BLADE TIP WITH A RECIRCULATION SYSTEM AND ELECTRIC HEATER FOR MAINTAINING TANK TEMPERATURE

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. The electronic heater shall not operate unless the storage tank is in biodiesel blendstock service. [District Rule 2080] Federally Enforceable Through Title V Permit
3. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, District Rule 4623] Federally Enforceable Through Title V Permit
4. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
5. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623] Federally Enforceable Through Title V Permit
6. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623] Federally Enforceable Through Title V Permit
7. The cumulative length of all gaps, between the tank shell and the primary seal: 1) Greater than one-half (1/2) inch shall not exceed 10 percent of the circumference of the tank; and 2) Greater than one-eighth (1/8) inch shall not exceed 30 percent of the circumference of the tank. [District Rule 4623] Federally Enforceable Through Title V Permit
8. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623] Federally Enforceable Through Title V Permit
9. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623] Federally Enforceable Through Title V Permit
10. Cumulative length of all gaps between the tank shell and secondary seal greater than one-eighth (1/8) inch shall not exceed 5 percent of the tank circumference for all seal types. [District Rule 4623] Federally Enforceable Through Title V Permit
11. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 18 inches above the stored liquid surface. [District Rule 4623] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623] Federally Enforceable Through Title V Permit

13. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623] Federally Enforceable Through Title V Permit

14. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623] Federally Enforceable Through Title V Permit

15. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623] Federally Enforceable Through Title V Permit

16. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be leak free, except when the device or appurtenance is in use for sampling or gauging. [District Rule 4623] Federally Enforceable Through Title V Permit

17. A leak-free condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623] Federally Enforceable Through Title V Permit

18. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623] Federally Enforceable Through Title V Permit

19. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623] Federally Enforceable Through Title V Permit

20. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623] Federally Enforceable Through Title V Permit

21. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623] Federally Enforceable Through Title V Permit

22. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623] Federally Enforceable Through Title V Permit

23. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623] Federally Enforceable Through Title V Permit

24. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

25. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623] Federally Enforceable Through Title V Permit
26. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623] Federally Enforceable Through Title V Permit
27. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (revised 5/19/05). [District Rule 4623] Federally Enforceable Through Title V Permit
28. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
29. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623] Federally Enforceable Through Title V Permit
30. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit
31. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-8-5 **EXPIRATION DATE:** 05/31/2016

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EQUIPMENT DESCRIPTION:
1,736,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-5, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-5 shall not exceed 15,088,735 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 15 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. {2653} True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. {2654} The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. {2655} The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. {2656} Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. {2657} The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. {2658} The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. {2659} No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

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12. {2660} No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. {2661} The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. {2662} The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. {2663} The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. {2664} There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. {2665} The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. {2666} The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. {2699} The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. {2703} Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. {2704} Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. {2705} Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. {2706} Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. {2592} As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. {2591} The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. {2610} Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. {2611} This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

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PERMIT UNIT: C-1077-9-6

EXPIRATION DATE: 05/31/2016

EQUIPMENT DESCRIPTION:
923,000 GALLON ABOVEGROUND GASOLINE TANK (FR-6) WITH AN EXTERNAL FLOATING ROOF AND A MATRIX SERVICE RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-6 shall not exceed 8,023,430 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 12.6 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. {2653} True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. {2654} The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. {2655} The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. {2656} Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. {2657} The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. {2658} The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. {2659} No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. {2660} No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. {2661} The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. {2662} The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. {2663} The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. {2664} There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. {2665} The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. {2666} The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. {2699} The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. {2703} Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. {2704} Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. {2705} Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. {2706} Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. {2592} As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. {2591} The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. {2610} Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. {2611} This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-10-5 **EXPIRATION DATE:** 08/31/2016

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EQUIPMENT DESCRIPTION:
519,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-7, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-7 shall not exceed 4,512,130 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 11 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. {2653} True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. {2654} The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. {2655} The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. {2656} Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. {2657} The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. {2658} The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. {2659} No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

12. {2660} No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. {2661} The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. {2662} The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. {2663} The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. {2664} There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. {2665} The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. {2666} The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. {2699} The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. {2703} Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. {2704} Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. {2705} Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. {2706} Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. {2592} As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. {2591} The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. {2610} Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. {2611} This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-11-7 **EXPIRATION DATE:** 05/31/2016

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EQUIPMENT DESCRIPTION:
370,000 GALLON ABOVEGROUND GASOLINE, DIESEL, JET FUEL, TRANSMIX, AND ETHANOL STORAGE TANK FR-8, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-8 shall not exceed 3,218,570 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 10.2 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. {2653} True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. {2654} The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. {2655} The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. {2656} Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. {2657} The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. {2658} The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. {2659} No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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12. {2660} No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. {2661} The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. {2662} The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. {2663} The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. {2664} There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. {2665} The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. {2666} The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. {2699} The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. {2703} Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. {2704} Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. {2705} Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. {2706} Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. {2592} As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. {2591} The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. {2610} Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. {2611} This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-12-5

EXPIRATION DATE: 05/31/2016

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EQUIPMENT DESCRIPTION:
925,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-9, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-9 shall not exceed 8,038,030 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 12.6 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. {2653} True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. {2654} The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. {2655} The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. {2656} Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. {2657} The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. {2658} The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. {2659} No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

12. {2660} No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. {2661} The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. {2662} The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. {2663} The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. {2664} There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. {2665} The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. {2666} The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. {2699} The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. {2703} Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. {2704} Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. {2705} Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. {2706} Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. {2592} As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. {2591} The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. {2610} Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. {2611} This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-13-11

EXPIRATION DATE: 05/31/2016

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EQUIPMENT DESCRIPTION:
634,000 GALLON ABOVEGROUND MULTI-PRODUCT (GASOLINE, DIESEL, JET FUEL, & ETHANOL) ORGANIC LIQUID STORAGE TANK FR-10 EQUIPPED WITH APPROVED PRIMARY AND SECONDARY SEALS

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The only organic liquids approved for storage in the internal floating roof tank shall be gasoline, diesel, jet fuel, and ethanol. [District NSR Rule] Federally Enforceable Through Title V Permit
3. {2653} True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
4. Tank gauging and sampling devices shall be leak free (as defined in District Rule 4623, 3.17 (amended 5/19/2005)). [District Rule 4623, 5.5.2.1] Federally Enforceable Through Title V Permit
5. Records of monthly organic liquid throughput shall be maintained and shall be made available for District inspection upon request. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit
6. The total annual organic liquid throughput for Tank FR-10 shall not exceed 4,737,700 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Daily VOC emissions shall not exceed 5.42 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
8. The permittee shall comply with recordkeeping requirements in section 6.3 of District Rule 4623 (Amended 5/19/2005) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit
9. Vapor pressure of stored liquids shall be determined as described in section 6.2 of District Rule 4623 (Amended 5/19/2005). [District Rule 4623, 6.2] Federally Enforceable Through Title V Permit
10. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
11. {2656} Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
12. The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
13. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

14. {2659} No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

15. {2660} No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

16. {2661} The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

17. {2662} The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

18. Primary seal envelope surrounding the annular vapor space enclosed by the roof edge, stored liquid surface, shoe and seal fabric shall have no openings, holes or tears. [District Rule 4623, 5.1.3] Federally Enforceable Through Title V Permit

19. {2664} There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

20. {2663} The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

21. {2665} The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

22. {2666} The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

23. Each roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. [District Rule 4623, 5.1.6] Federally Enforceable Through Title V Permit

24. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be leak free, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

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PERMIT UNIT: C-1077-14-6

EXPIRATION DATE: 08/31/2016

EQUIPMENT DESCRIPTION:
1,145,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-11, EXTERNAL FLOATING ROOF WITH AN HMT SCISSOR SHOE PRIMARY SEAL, AND AN HMT RIM-MOUNTED SECONDARY SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-11 shall not exceed 3,218,570 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 10.2 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. {2653} True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. {2654} The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. {2655} The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. {2656} Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. {2657} The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. {2658} The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. {2659} No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

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12. {2660} No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. {2661} The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. {2662} The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. {2663} The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. {2664} There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. {2665} The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. {2666} The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. {2699} The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. {2703} Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. {2704} Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. {2705} Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. {2706} Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. {2592} As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. {2591} The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. {2610} Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. {2611} This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-15-5 **EXPIRATION DATE:** 05/31/2016

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EQUIPMENT DESCRIPTION:
761,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-12, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-12 shall not exceed 6,622,560 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 12 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. {2653} True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. {2654} The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. {2655} The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. {2656} Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. {2657} The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. {2658} The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. {2659} No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

12. {2660} No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. {2661} The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. {2662} The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. {2663} The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. {2664} There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. {2665} The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. {2666} The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. {2699} The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. {2703} Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. {2704} Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. {2705} Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. {2706} Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. {2592} As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. {2591} The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. {2610} Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. {2611} This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

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PERMIT UNIT: C-1077-16-5

EXPIRATION DATE: 05/31/2016

EQUIPMENT DESCRIPTION:
1,343,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-13, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-13 shall not exceed 11,699,415 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 14 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. {2653} True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. {2654} The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. {2655} The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. {2656} Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. {2657} The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. {2658} The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. {2659} No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

12. {2660} No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. {2661} The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. {2662} The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. {2663} The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. {2664} There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. {2665} The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. {2666} The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. {2699} The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. {2703} Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. {2704} Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. {2705} Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. {2706} Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. {2592} As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. {2591} The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. {2610} Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. {2611} This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-17-6

EXPIRATION DATE: 03/31/2016

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EQUIPMENT DESCRIPTION:
1,145,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-14, EXTERNAL FLOATING ROOF WITH A RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-14 shall not exceed 9,953,185 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 13.3 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. {2653} True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. {2654} The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. {2655} The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. {2656} Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. {2657} The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. {2658} The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. {2659} No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

12. {2660} No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. {2661} The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. {2662} The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. {2663} The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. {2664} There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. {2665} The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. {2666} The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. {2699} The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. {2703} Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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37. {2704} Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. {2705} Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. {2706} Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. {2592} As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. {2591} The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. {2610} Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. {2611} This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-18-7

EXPIRATION DATE: 05/31/2016

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EQUIPMENT DESCRIPTION:
1,470,000 GALLON ABOVEGROUND CONE ROOF PETROLEUM DISTILLATES AND GASOLINE STORAGE TANK FR-16, INTERNAL FLOATING ROOF EQUIPPED WITH PDM'S DELTA PRIMARY SEAL AND WIPER TYPE SECONDARY SEAL

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520] Federally Enforceable Through Title V Permit
3. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
4. The total annual gasoline throughput for Tank FR-16 shall not exceed 17,520,000 barrels. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Daily VOC emissions shall not exceed 16.6 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623] Federally Enforceable Through Title V Permit
7. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623] Federally Enforceable Through Title V Permit
8. The cumulative length of all gaps, between the tank shell and the primary seal: 1) Greater than one-half (1/2) inch shall not exceed 10 percent of the circumference of the tank; and 2) Greater than one-eighth (1/8) inch shall not exceed 30 percent of the circumference of the tank. [District Rule 4623] Federally Enforceable Through Title V Permit
9. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623] Federally Enforceable Through Title V Permit
10. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623] Federally Enforceable Through Title V Permit
11. Cumulative length of all gaps between the tank shell and secondary seal greater than one-eighth (1/8) inch shall not exceed 5 percent of the tank circumference for all seal types. [District Rule 4623] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 18 inches above the stored liquid surface. [District Rule 4623] Federally Enforceable Through Title V Permit

13. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623] Federally Enforceable Through Title V Permit

14. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623] Federally Enforceable Through Title V Permit

15. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623] Federally Enforceable Through Title V Permit

16. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623] Federally Enforceable Through Title V Permit

17. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be leak-free, except when the device or appurtenance is in use. [District Rule 4623] Federally Enforceable Through Title V Permit

18. A leak-free condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623] Federally Enforceable Through Title V Permit

19. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623] Federally Enforceable Through Title V Permit

20. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623] Federally Enforceable Through Title V Permit

21. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623] Federally Enforceable Through Title V Permit

22. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623] Federally Enforceable Through Title V Permit

23. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623] Federally Enforceable Through Title V Permit

24. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623] Federally Enforceable Through Title V Permit

25. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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26. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623] Federally Enforceable Through Title V Permit
27. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623] Federally Enforceable Through Title V Permit
28. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (revised 5/19/05). [District Rule 4623] Federally Enforceable Through Title V Permit
29. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
30. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623] Federally Enforceable Through Title V Permit
31. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit
32. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-16-4 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
1,343,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-13, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-13 shall not exceed 11,699,415 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 14 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit
38. Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit
39. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
40. As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
41. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
42. Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
43. This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit
47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-17-5 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
1,145,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-14, EXTERNAL FLOATING ROOF WITH A RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-14 shall not exceed 9,953,185 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 13.3 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit
38. Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit
39. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
40. As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
41. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
42. Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
43. This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit
47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-18-6 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
1,470,000 GALLON ABOVEGROUND CONE ROOF PETROLEUM DISTILLATES AND GASOLINE STORAGE TANK FR-16, INTERNAL FLOATING ROOF EQUIPPED WITH PDM'S DELTA PRIMARY SEAL AND WIPER TYPE SECONDARY SEAL

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520] Federally Enforceable Through Title V Permit
3. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
4. The total annual gasoline throughput for Tank FR-16 shall not exceed 17,520,000 barrels. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Daily VOC emissions shall not exceed 16.6 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623] Federally Enforceable Through Title V Permit
7. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623] Federally Enforceable Through Title V Permit
8. The cumulative length of all gaps, between the tank shell and the primary seal: 1) Greater than one-half (1/2) inch shall not exceed 10 percent of the circumference of the tank; and 2) Greater than one-eighth (1/8) inch shall not exceed 30 percent of the circumference of the tank. [District Rule 4623] Federally Enforceable Through Title V Permit
9. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623] Federally Enforceable Through Title V Permit
10. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623] Federally Enforceable Through Title V Permit
11. Cumulative length of all gaps between the tank shell and secondary seal greater than one-eighth (1/8) inch shall not exceed 5 percent of the tank circumference for all seal types. [District Rule 4623] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 18 inches above the stored liquid surface. [District Rule 4623] Federally Enforceable Through Title V Permit

13. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623] Federally Enforceable Through Title V Permit

14. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623] Federally Enforceable Through Title V Permit

15. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623] Federally Enforceable Through Title V Permit

16. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623] Federally Enforceable Through Title V Permit

17. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be leak-free, except when the device or appurtenance is in use. [District Rule 4623] Federally Enforceable Through Title V Permit

18. A leak-free condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623] Federally Enforceable Through Title V Permit

19. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623] Federally Enforceable Through Title V Permit

20. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623] Federally Enforceable Through Title V Permit

21. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623] Federally Enforceable Through Title V Permit

22. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623] Federally Enforceable Through Title V Permit

23. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623] Federally Enforceable Through Title V Permit

24. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623] Federally Enforceable Through Title V Permit

25. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

26. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623] Federally Enforceable Through Title V Permit
27. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623] Federally Enforceable Through Title V Permit
28. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (revised 5/19/05). [District Rule 4623] Federally Enforceable Through Title V Permit
29. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
30. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623] Federally Enforceable Through Title V Permit
31. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit
32. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-19-5 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
1,512,000 GALLON ABOVEGROUND CONE ROOF GASOLINE STORAGE TANK FR-17, INTERNAL FLOATING ROOF EQUIPPED WITH APPROVED MECHANICAL SHOE TYPE PRIMARY SEAL AND A RIM-MOUNTED STEEL COMPRESSION PLATE SECONDARY SEAL

PERMIT UNIT REQUIREMENTS

1. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
2. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623, 6.3.4] Federally Enforceable Through Title V Permit
3. Gasoline throughput shall not exceed 36,000 barrels per day based on a monthly average. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
5. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
6. The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
7. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
8. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
10. The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
11. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
12. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

13. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit
14. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit
15. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit
16. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit
17. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit
18. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.1.1] Federally Enforceable Through Title V Permit
19. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623, 5.5.2.1.1] Federally Enforceable Through Title V Permit
20. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.1.3] Federally Enforceable Through Title V Permit
21. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.1.4] Federally Enforceable Through Title V Permit
22. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623, 5.5.2.1.5] Federally Enforceable Through Title V Permit
23. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623, 5.5.2.1.6] Federally Enforceable Through Title V Permit
24. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623, 6.1.4.1] Federally Enforceable Through Title V Permit
25. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623, 6.1.4.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

26. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623, 6.1.4.3] Federally Enforceable Through Title V Permit

27. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

28. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

29. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-20-4 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
210,000-GALLON ABOVEGROUND CONE ROOF STORAGE TANK FR-18, INTERNAL FLOATING ROOF EQUIPPED WITH APPROVED PRIMARY AND SECONDARY SEALS.

PERMIT UNIT REQUIREMENTS

1. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3, District Rule 4623, 6.1] Federally Enforceable Through Title V Permit
2. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
3. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623, 5.3.1.3, CFR 60.112b(a)(1)(i)] Federally Enforceable Through Title V Permit
4. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
5. The cumulative length of all gaps, between the tank shell and the primary seal: 1) Greater than one-half (1/2) inch shall not exceed 10 percent of the circumference of the tank; and 2) Greater than one-eighth (1/8) inch shall not exceed 30 percent of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
6. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
7. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
8. Cumulative length of all gaps between the tank shell and secondary seal greater than one-eighth (1/8) inch shall not exceed 5 percent of the tank circumference for all seal types. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
9. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 18 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
10. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
11. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

13. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

14. All openings in the roof used for sampling and gauging, except pressure-vacuum comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit

15. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11] Federally Enforceable Through Title V Permit

16. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iii)] Federally Enforceable Through Title V Permit

17. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iv)] Federally Enforceable Through Title V Permit

18. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.1.3, 40 CFR 60.112b(a)(1)(v)] Federally Enforceable Through Title V Permit

19. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.1.4, 40 CFR 60.112b(a)(1)(vi)] Federally Enforceable Through Title V Permit

20. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623, 5.5.2.1.5, 40 CFR 60.112b(a)(1)(vii)] Federally Enforceable Through Title V Permit

21. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623, 5.5.2.1.6, 40 CFR 60.112b(a)(1)(viii)] Federally Enforceable Through Title V Permit

22. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623, 6.1.4.1, 40 CFR60.113b(b)(a)(3) and (4)] Federally Enforceable Through Title V Permit

23. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623, 6.1.4.2] Federally Enforceable Through Title V Permit

24. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623, 6.1.4.3] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

25. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (revised 5-19-05). [District Rule 4623, 6.2] Federally Enforceable Through Title V Permit

26. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

27. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

28. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623, 6.3.4] Federally Enforceable Through Title V Permit

29. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

30. The internal floating roof tank shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: a) a foam or liquid-filled seal mounted in contact with the liquid, b) two seals mounted one above the other so that each forms a continuous closure c) a mechanical shoe seal. [40 CFR 60.112b(a)(1)(ii)] Federally Enforceable Through Title V Permit

31. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(ix)] Federally Enforceable Through Title V Permit

32. The operator shall visually inspect the internal floating roof, the primary seal and the secondary seal prior to filling the storage vessel. If holes, tears, or other openings are found, they shall be repaired prior to filling. [40 CFR 60.113b(a)(1)] Federally Enforceable Through Title V Permit

33. Operator shall notify the APCO in writing 30 days prior to the filling or refilling of the vessel. If the inspection is not planned and the operator could not have known about the inspection 30 days in advance of refilling the tank, the operator shall make notification 7 days prior to refilling the tank. [40 CFR 60.113b(a)(5)] Federally Enforceable Through Title V Permit

34. Records of each inspection shall be maintained. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment. If any defects are detected during an inspection, operator shall provide the APCO with a report within 30 days of the inspection. The report shall identify the storage vessel, the nature of the defects, and the date the vessel was emptied or the nature of and date the repair was made. [40 CFR 60.115b(a)(2), (3) and (4)] Federally Enforceable Through Title V Permit

35. The operator shall keep readily available accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. The operator shall also keep a record of the liquid stored, the period of storage, and the maximum true vapor pressure of the liquid during the respective storage period. [40 CFR 60.116b(b) and (c)] Federally Enforceable Through Title V Permit

36. Available data on the storage temperature may be used to determine the maximum true vapor pressure. For vessels operated above or below ambient temperatures, the maximum true vapor pressure may be calculated using the highest expected calendar month average of the storage temperature. For vessels operated at ambient temperature, the maximum true vapor pressure may be calculated using maximum local monthly ambient temperatures as reported by the National Weather Service. [40 CFR 60.116b(e)(1)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. For crude oil or refined petroleum products the vapor pressure may be obtained by either: a) available data on the Reid vapor pressure and maximum expected storage temperature from nomographs contained in API Bulletin 2517, b) obtained from standard reference texts, c) determined by ASTM Method D2879-83, or c) measured or calculated by an appropriate method approved by the APCO. [40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-21-4 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
2,100,000 GALLON ABOVEGROUND CONE ROOF STORAGE TANK FR-19, INTERNAL FLOATING ROOF EQUIPPED WITH APPROVED PRIMARY AND SECONDARY SEALS.

PERMIT UNIT REQUIREMENTS

1. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3, District Rule 4623, 6.1] Federally Enforceable Through Title V Permit
2. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
3. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623, 5.3.1.3, CFR 60.112b(a)(1)(i)] Federally Enforceable Through Title V Permit
4. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
5. The cumulative length of all gaps, between the tank shell and the primary seal: 1) Greater than one-half (1/2) inch shall not exceed 10 percent of the circumference of the tank; and 2) Greater than one-eighth (1/8) inch shall not exceed 30 percent of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
6. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
7. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
8. Cumulative length of all gaps between the tank shell and secondary seal greater than one-eighth (1/8) inch shall not exceed 5 percent of the tank circumference for all seal types. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
9. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 18 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
10. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
11. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

13. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

14. All openings in the roof used for sampling and gauging, except pressure-vacuum comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit

15. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11] Federally Enforceable Through Title V Permit

16. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iii)] Federally Enforceable Through Title V Permit

17. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iv)] Federally Enforceable Through Title V Permit

18. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.1.3, 40 CFR 60.112b(a)(1)(v)] Federally Enforceable Through Title V Permit

19. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.1.4, 40 CFR 60.112b(a)(1)(vi)] Federally Enforceable Through Title V Permit

20. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623, 5.5.2.1.5, 40 CFR 60.112b(a)(1)(vii)] Federally Enforceable Through Title V Permit

21. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623, 5.5.2.1.6, 40 CFR 60.112b(a)(1)(viii)] Federally Enforceable Through Title V Permit

22. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623, 6.1.4.1, 40 CFR60.113b(b)(a)(3) and (4)] Federally Enforceable Through Title V Permit

23. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623, 6.1.4.2] Federally Enforceable Through Title V Permit

24. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623, 6.1.4.3] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

25. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (revised 5-19-05). [District Rule 4623, 6.2] Federally Enforceable Through Title V Permit

26. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

27. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

28. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623, 6.3.4] Federally Enforceable Through Title V Permit

29. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

30. The internal floating roof tank shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: a) a foam or liquid-filled seal mounted in contact with the liquid, b) two seals mounted one above the other so that each forms a continuous closure c) a mechanical shoe seal. [40 CFR 60.112b(a)(1)(ii)] Federally Enforceable Through Title V Permit

31. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(ix)] Federally Enforceable Through Title V Permit

32. The operator shall visually inspect the internal floating roof, the primary seal and the secondary seal prior to filling the storage vessel. If holes, tears, or other openings are found, they shall be repaired prior to filling. [40 CFR 60.113b(a)(1)] Federally Enforceable Through Title V Permit

33. Operator shall notify the APCO in writing 30 days prior to the filling or refilling of the vessel. If the inspection is not planned and the operator could not have known about the inspection 30 days in advance of refilling the tank, the operator shall make notification 7 days prior to refilling the tank. [40 CFR 60.113b(a)(5)] Federally Enforceable Through Title V Permit

34. Records of each inspection shall be maintained. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment. If any defects are detected during an inspection, operator shall provide the APCO with a report within 30 days of the inspection. The report shall identify the storage vessel, the nature of the defects, and the date the vessel was emptied or the nature of and date the repair was made. [40 CFR 60.115b(a)(2), (3) and (4)] Federally Enforceable Through Title V Permit

35. The operator shall keep readily available accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. The operator shall also keep a record of the liquid stored, the period of storage, and the maximum true vapor pressure of the liquid during the respective storage period. [40 CFR 60.116b(b) and (c)] Federally Enforceable Through Title V Permit

36. Available data on the storage temperature may be used to determine the maximum true vapor pressure. For vessels operated above or below ambient temperatures, the maximum true vapor pressure may be calculated using the highest expected calendar month average of the storage temperature. For vessels operated at ambient temperature, the maximum true vapor pressure may be calculated using maximum local monthly ambient temperatures as reported by the National Weather Service. [40 CFR 60.116b(e)(1)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. For crude oil or refined petroleum products the vapor pressure may be obtained by either: a) available data on the Reid vapor pressure and maximum expected storage temperature from nomographs contained in API Bulletin 2517, b) obtained from standard reference texts, c) determined by ASTM Method D2879-83, or c) measured or calculated by an appropriate method approved by the APCO. [40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-22-4 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
3,360,000 GALLON ABOVEGROUND CONE ROOF GASOLINE STORAGE TANK FR-20, INTERNAL FLOATING ROOF EQUIPPED WITH AN HMT MINI-SHOE SEAL AND AN HMT VAPORFLEX SECONDARY SEAL.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The true vapor pressure (TVP) of liquids stored in the external floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
3. Maintain tank-to-seal gaps according to the criteria in section 5.3.2 of District Rule 4623 (amended 5-19-05). [District Rule 4623, 5.3.2] Federally Enforceable Through Title V Permit
4. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit
5. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11] Federally Enforceable Through Title V Permit
6. The total annual gasoline throughput for Tank FR-20 shall not exceed 29,200,000 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Daily VOC emissions shall not exceed 13.8 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
8. The permittee shall comply with all other applicable provisions of Rule 4623 (amended 5-19-05). [District Rule 4623] Federally Enforceable Through Title V Permit
9. The permittee shall comply with all applicable provisions of 40 CFR 60 Subpart Kb. [40 CFR 60 Subpart Kb] Federally Enforceable Through Title V Permit
10. The permittee shall comply with recordkeeping requirements in section 6.3 of District Rule 4623 (amended 5-19-05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
11. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. [District Rule 4623, 5.3.1.3 and 40 CFR 60.112b(a)(1)(i)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The internal floating roof tank shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: a) a foam or liquid-filled seal mounted in contact with the liquid, b) two seals mounted one above the other so that each forms a continuous closure c) a mechanical shoe seal. [District Rule 4623, 5.5.2.1.5 and 40 CFR 60.112b(a)(1)(ii)] Federally Enforceable Through Title V Permit

13. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iii)] Federally Enforceable Through Title V Permit

14. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623, 5.5.2.1.2, 40 CFR 60.112b(a)(1)(iv)] Federally Enforceable Through Title V Permit

15. Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.1.3 and 40 CFR 60.112b(a)(1)(v)] Federally Enforceable Through Title V Permit

16. Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.1.4 and 40 CFR 60.112b(a)(1)(vi)] Federally Enforceable Through Title V Permit

17. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. [District Rule 4623, 5.5.2.1.5 and 40 CFR 60.112b(a)(1)(vii)] Federally Enforceable Through Title V Permit

18. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. [District Rule 4623, 5.5.2.1.6 and 40 CFR 60.112b(a)(1)(viii)] Federally Enforceable Through Title V Permit

19. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(ix)] Federally Enforceable Through Title V Permit

20. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623, 6.1.4.1, 40 CFR60.113b(b)(a)(3) and (4)] Federally Enforceable Through Title V Permit

21. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623, 6.1.4.2] Federally Enforceable Through Title V Permit

22. For this vessel which is equipped with a double seal system, inspections may be carried out as specified above, or using the following procedure every 5 years: Visually inspect the internal floating roof, the primary seal, the secondary seal, gaskets, slotted membranes and sleeve seals each time the vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other opening in the seal or the seal fabric, or the secondary seal has holes, tears, or other opening in the seal or seal fabric, or the gaskets no longer close off the liquid surfaces, or the slotted membrane has more than 10 percent open area, the operator shall make necessary repairs prior to filling the vessel. [40 CFR 60.113b(a)(3) and (4)] Federally Enforceable Through Title V Permit

23. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623, 6.1.4.3] Federally Enforceable Through Title V Permit

24. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5-19-05). [District Rule 4623, 6.2 and 40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

25. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit
26. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit
27. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available for District staff upon request. [District Rule 2520, 9.3 and District Rule 4623, 6.3.4] Federally Enforceable Through Title V Permit
28. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
29. The operator shall visually inspect the internal floating roof, the primary seal and the secondary seal prior to filling the storage vessel. If holes, tears, or other openings are found, they shall be repaired prior to filling. [40 CFR 60.113b(a)(1)] Federally Enforceable Through Title V Permit
30. Operator shall notify the APCO in writing 30 days prior to the filling or refilling of the vessel. If the inspection is not planned and the operator could not have known about the inspection 30 days in advance of refilling the tank, the operator shall make notification 7 days prior to refilling the tank. [40 CFR 60.113b(a)(5)] Federally Enforceable Through Title V Permit
31. Records of each inspection shall be maintained. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment. If any defects are detected during an inspection, operator shall provide the APCO with a report within 30 days of the inspection. The report shall identify the storage vessel, the nature of the defects, and the date the vessel was emptied or the nature of and date the repair was made. [District Rule 4623, 6.3.5 and 40 CFR 60.115b(a)(2), (3) and (4)] Federally Enforceable Through Title V Permit
32. The operator shall keep readily available accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. The operator shall also keep a record of the liquid stored, the period of storage, and the maximum true vapor pressure of the liquid during the respective storage period. [District Rule 4623, 6.1.2 and 40 CFR 60.116b(b) and (c)] Federally Enforceable Through Title V Permit
33. Available data on the storage temperature may be used to determine the maximum true vapor pressure. For vessels operated above or below ambient temperatures, the maximum true vapor pressure may be calculated using the highest expected calendar month average of the storage temperature. For vessels operated at ambient temperature, the maximum true vapor pressure may be calculated using maximum local monthly ambient temperatures as reported by the National Weather Service. [40 CFR 60.116b(e)(1)] Federally Enforceable Through Title V Permit
34. For crude oil or refined petroleum products the vapor pressure may be obtained by either: a) available data on the Reid vapor pressure and maximum expected storage temperature from nomographs contained in API Bulletin 2517, b) obtained from standard reference texts, c) determined by ASTM Method D2879-83, or c) measured or calculated by an appropriate method approved by the APCO. [40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit
35. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-23-6 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
2,520,000 GALLON ABOVEGROUND CONE ROOF PETROLEUM DISTILLATES AND GASOLINE STORAGE TANK FR-21, INTERNAL FLOATING ROOF EQUIPPED WITH URETHANE FABRIC "RESILIENT TOROIDAL SEAL" WITH WOVEN NYLON INSERT, AND "FOAM LOGS" INSERTED BETWEEN TANK SHELL AND PAN RIM

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
3. No gap between the tank shell and the primary seal shall exceed one-half (1/2) inch. The cumulative length of all primary seal gaps greater than one-eighth (1/8) inch shall not exceed five (5) percent of the tank circumference. No continuous gap greater than one-eighth (1/8) inc shall exceed ten (10) percent of the tank circumference. [District Rule 4623] Federally Enforceable Through Title V Permit
4. No gap between the tank shell and the secondary seal shall exceed one-half (1/2) inch. The cumulative length of all gaps between the tank shell and the secondary seal, greater than one-eighth (1/8) inch shall not exceed five (5) percent of the tank circumference. [District Rule 4623] Federally Enforceable Through Title V Permit
5. No gap between the tank shell and the secondary seal shall exceed one-half (1/2) inch. [District Rule 4623] Federally Enforceable Through Title V Permit
6. The secondary seal shall extend from the roof of the tank to the shell and not be attached to the primary seal. [District Rule 4623] Federally Enforceable Through Title V Permit
7. The secondary seal shall allow easy insertion of probes up to one-half (1/2) in width in order to measure gaps in the primary seal. [District Rule 4623] Federally Enforceable Through Title V Permit
8. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be leak-free, except when the device or appurtenance is in use. [District Rule 4623] Federally Enforceable Through Title V Permit
9. A leak-free condition is defined as a condition without a gas leak or a liquid leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623] Federally Enforceable Through Title V Permit
10. The permittee shall comply with all other applicable provisions of Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
11. The permittee shall comply with all applicable provisions of 40 CFR 60 Subpart Kb. [40 CFR 60 Subpart Kb] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The permittee shall comply with recordkeeping requirements in section 6.3 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623] Federally Enforceable Through Title V Permit
13. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. [District Rule 4623 and 40 CFR 60.112b(a)(1)(i)] Federally Enforceable Through Title V Permit
14. The internal floating roof tank shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: a) a foam or liquid-filled seal mounted in contact with the liquid, b) two seals mounted one above the other so that each forms a continuous closure c) a mechanical shoe seal. [District Rule 4623 and 40 CFR 60.112b(a)(1)(ii)] Federally Enforceable Through Title V Permit
15. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623 and 40 CFR 60.112b(a)(1)(iii)] Federally Enforceable Through Title V Permit
16. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623 and 40 CFR 60.112b(a)(1)(iv)] Federally Enforceable Through Title V Permit
17. Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623 and 40 CFR 60.112b(a)(1)(v)] Federally Enforceable Through Title V Permit
18. Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623 and 40 CFR 60.112b(a)(1)(vi)] Federally Enforceable Through Title V Permit
19. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. [District Rule 4623 and 40 CFR 60.112b(a)(1)(vii)] Federally Enforceable Through Title V Permit
20. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. [District Rule 4623 and 40 CFR 60.112b(a)(1)(viii)] Federally Enforceable Through Title V Permit
21. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(ix)] Federally Enforceable Through Title V Permit
22. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623 and 40 CFR60.113b(b)(a)(3) and (4)] Federally Enforceable Through Title V Permit
23. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

24. For this vessel which is equipped with a double seal system, inspections may be carried out as specified above, or using the following procedure every 5 years: Visually inspect the internal floating roof, the primary seal, the secondary seal, gaskets, slotted membranes and sleeve seals each time the vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other opening in the seal or the seal fabric, or the secondary seal has holes, tears, or other opening in the seal or seal fabric, or the gaskets no longer close off the liquid surfaces, or the slotted membrane has more than 10 percent open area, the operator shall make necessary repairs prior to filling the vessel. [40 CFR 60.113b(a)(3) and (4)] Federally Enforceable Through Title V Permit
25. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623] Federally Enforceable Through Title V Permit
26. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623 and 40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit
27. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
28. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623] Federally Enforceable Through Title V Permit
29. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit
30. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit
31. The operator shall visually inspect the internal floating roof, the primary seal and the secondary seal prior to filling the storage vessel. If holes, tears, or other openings are found, they shall be repaired prior to filling. [40 CFR 60.113b(a)(1)] Federally Enforceable Through Title V Permit
32. Operator shall notify the APCO in writing 30 days prior to the filling or refilling of the vessel. If the inspection is not planned and the operator could not have known about the inspection 30 days in advance of refilling the tank, the operator shall make notification 7 days prior to refilling the tank. [40 CFR 60.113b(a)(5)] Federally Enforceable Through Title V Permit
33. Records of each inspection shall be maintained. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment. If any defects are detected during an inspection, operator shall provide the APCO with a report within 30 days of the inspection. The report shall identify the storage vessel, the nature of the defects, and the date the vessel was emptied or the nature of and date the repair was made. [40 CFR 60.115b(a)(2), (3) and (4)] Federally Enforceable Through Title V Permit
34. The operator shall keep readily available accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. The operator shall also keep a record of the liquid stored, the period of storage, and the maximum true vapor pressure of the liquid during the respective storage period. [40 CFR 60.116b(b) and (c)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

35. Available data on the storage temperature may be used to determine the maximum true vapor pressure. For vessels operated above or below ambient temperatures, the maximum true vapor pressure may be calculated using the highest expected calendar month average of the storage temperature. For vessels operated at ambient temperature, the maximum true vapor pressure may be calculated using maximum local monthly ambient temperatures as reported by the National Weather Service. [40 CFR 60.116b(e)(1)] Federally Enforceable Through Title V Permit

36. For crude oil or refined petroleum products the vapor pressure may be obtained by either: a) available data on the Reid vapor pressure and maximum expected storage temperature from nomographs contained in API Bulletin 2517, b) obtained from standard reference texts, c) determined by ASTM Method D2879-83, or c) measured or calculated by an appropriate method approved by the APCO. [40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-24-3 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
375,000 GALLON VAPOR HOLDER TANK, EQUIPPED WITH MESA RUBBER COMPANY "BLADDER SYSTEM" TO CONTROL HYDROCARBON EMISSIONS.

PERMIT UNIT REQUIREMENTS

1. The air pollution control measure "bladder system" shall be maintained as per manufacturer's specifications submitted to the District. [District NSR Rule] Federally Enforceable Through Title V Permit
2. There shall be no uncontrolled vapor venting from this tank. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The vapor transfer lines to the vapor recovery unit shall be maintained in a leak tight condition. [District NSR Rule] Federally Enforceable Through Title V Permit
4. All processor and transfer equipment, including vapor transfer lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Inspections shall be conducted using sight, sound and smell, and instrument methods to detect leak every month to maintain compliance with leak-free condition. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
6. The source shall perform leak inspections at least annually, using a portable hydrocarbon detection instrument in accordance with EPA Method 21. [2520, 9.3] Federally Enforceable Through Title V Permit
7. Any vapor control device, other than a flare, shall demonstrate at least 95% control efficiency as measured by EPA Method 25 at least annually. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-26-10 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
LOADING RACK #1 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit
10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit
11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit
12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit
13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit
14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit
15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit
16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit
18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit
20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit
21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-27-10 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
LOADING RACK #2 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit

10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit

11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit

12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit

13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit

14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit

15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit

16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit

17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit

18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit

19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit

20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit

21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-28-10 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
LOADING RACK #3 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit
10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit
11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit
12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit
13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit
14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit
15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit
16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit
18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit
20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit
21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-29-10 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
LOADING RACK #4 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit
10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit
11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit
12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit
13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit
14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit
15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit
16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit
18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit
20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit
21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-38-10 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
LOADING RACK #6 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit

10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit

11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit

12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit

13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit

14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit

15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit

16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit

17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit

18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit

19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit

20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit

21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-39-3 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
TANK FR-24; 30,000 BARREL FIXED CONE ROOF STEEL STORAGE TANK.

PERMIT UNIT REQUIREMENTS

1. This tank shall store liquid with a true vapor pressure (TVP) of 0.1 or less under all storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
2. Storage tank shall be equipped with a pressure-vacuum valve set to within 10% of the maximum allowable working pressure of the container. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit
3. Total throughput of JP-5 Jet Fuel through the pipeline is not to exceed 500,000 gallons in any one day. Total throughput for one year not to exceed 2.5 million barrels. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Records of daily JP-5 throughput shall be maintained and made available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit
5. All equipment shall be maintained in good working order so as to minimize VOC emissions to the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Emissions are not to exceed 7 lbs. per day of VOC. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Operator shall determine the true vapor pressure of the petroleum liquid stored in the tank at least once per year in accordance with methods described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
8. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
9. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
10. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-40-3 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
TANK FR-25, 30,000 BARREL (1,260,000 GALLON) FIXED, CONE ROOF STEEL STORAGE TANK.

PERMIT UNIT REQUIREMENTS

1. This tank shall store liquid with a true vapor pressure (TVP) of 0.1 or less under all storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
2. Storage tank shall be equipped with a pressure-vacuum valve set to within 10% of the maximum allowable working pressure of the container. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit
3. Total throughput of JP-5 Jet Fuel through the pipeline is not to exceed 500,000 gallons in any one day. Total throughput for one year not to exceed 2.5 million barrels. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Records of daily JP-5 throughput shall be maintained and made available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit
5. All equipment shall be maintained in good working order so as to minimize VOC emissions to the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Emissions are not to exceed 7 lbs. per day of VOC. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Operator shall determine the true vapor pressure of the petroleum liquid stored in the tank at least once per year in accordance with methods described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-41-3 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
TANK FR-18A, ONE 238 BARREL (10,000 GALLON) FIXED, CONE ROOF STORAGE TANK.

PERMIT UNIT REQUIREMENTS

1. This tank is strictly for the storage of Diethylene Glycol Monomethyl Ether. [District NSR Rule] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good working order so as to minimize VOC emissions to the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Total throughput of de-icing agent JP-5 Fuel pipeline stream shall not exceed 800 gallons in any one day to Lemoore NAS. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Records of daily Diethylene Glycol Monomethyl throughput shall be maintained and made available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Emissions are not to exceed 0.25 lb VOC/day. [District NSR Rule] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-42-6 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
LOADING RACK #5 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO JOHN ZINK VAPOR BURNER

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit

10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit

11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit

12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit

13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit

14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit

15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit

16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit

17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit

18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit

19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit

20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit

21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-43-7 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
TWO 500 GALLON FUEL ADDITIVE STORAGE CONTAINERS, LINKED BY PIPE TO LOADING ARM, FOR STORAGE OF FUEL ADDITIVE

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. These tanks shall only store fuel additive having a vapor pressure (TVP) of less than 1.5 psia under actual storage conditions. [District Rule 2520, Section 9.3] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-45-3 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
10,000 GALLON FIXED ROOF TANK #17A, LINKED BY PIPE TO LOADING ARM, FOR STORAGE OF GASOLINE ADDITIVE WITH INITIAL BOILING POINT LESS THAN 302 F.

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623, 4.4] Federally Enforceable Through Title V Permit
3. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank in order to maintain exemption from the rule. [District Rule 4623, 6.2.2 and District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
4. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing. [District Rules 4623, 6.2.1.2] Federally Enforceable Through Title V Permit
5. Permittee shall submit the records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rules 4623, 6.3.6] Federally Enforceable Through Title V Permit
6. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rules 4623, 6.3.7] Federally Enforceable Through Title V Permit
7. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
8. Operator shall determine the true vapor pressure of the petroleum liquid stored in the tank at least once per year in accordance with methods described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-49-7 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
TWO-LANE DENATURED ETHANOL TRUCK UNLOADING STATION EACH LANE WITH TWO FLEXIBLE UNLOADING HOSES, TWO PUMPS, PRODUCT ACCUMULATOR, AIR ELIMINATOR, METER AND SUPPORT EQUIPMENT, AND ORGANIC VAPORS RETURNED TO DELIVERY TRUCKS

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
3. Vapor return hose(s) shall connect displaced vapors to the delivery truck whenever tank truck, trailer, or car is unloading organic liquid. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit
4. All delivery trucks must be equipped with vapor collection equipment capable of undergoing a pressure change of no more than 1 inch of water within 5 minutes after it is pressured to 18 inches of water. This must be demonstrated annually for each truck using the procedures specified in EPA Method 27 of 40 CFR 60, Appendix A or CARB Test Methods CP-204, TP-204.1, TP204-2, and TP-204.3. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The vapor collection and control system shall operate such that the pressure in the delivery tank being unloaded does not exceed 18 inches water column pressure and six (6) inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
6. The transfer rack and vapor collection equipment shall be designed, installed, maintained and operated such that there are no leaks and no excess organic liquid drainage at disconnections. [District Rule 4624] Federally Enforceable Through Title V Permit
7. A leak is defined as the dripping of VOC-containing liquid at a rate of more than three (3) drops per minute, or the detection of any gaseous or vapor emissions with a concentration of VOC greater than 1,000 ppmv as methane above a background when measured using a portable hydrocarbon detection instrument in accordance with EPA Method 21. [District Rule 4624] Federally Enforceable Through Title V Permit
8. The operator shall inspect the vapor collection system, the vapor disposal system, and each transfer rack handling organic liquids for leaks during transfer at least once every calendar quarter using the EPA Method 21. [District Rule 4624] Federally Enforceable Through Title V Permit
9. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

10. An operator may apply for a written approval from the APCO to change the inspection frequency from quarterly to annually provided no leaks were found during five consecutive quarterly inspections. Upon identification of any leak during an annual inspection, the inspection frequency shall revert back to quarterly, and the operator shall contact the APCO in writing within 14 days. [District Rule 4624] Federally Enforceable Through Title V Permit
11. Fugitive component VOC emissions from the denatured ethanol unloading system shall not exceed 1.0 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain accurate component count for tank according to EPA's "Protocol for Equipment Leak Emission Estimate," Table 2-3, Marketing Terminal Average Emission Factors. Permittee shall update such records when new components are approved and installed. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The maximum throughput of denatured ethanol unloaded shall not exceed 427,350 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The maximum volume of liquid spilled during disconnect shall not exceed 10 milliliters. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Permittee shall maintain records of number and type of components installed and calculated fugitive emissions. Permittee shall update such records when new components are installed. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Daily records of amount of denatured ethanol unloaded at the denatured ethanol unloading system shall be maintained. [District Rules 1070, 2201, 4624] Federally Enforceable Through Title V Permit
17. Permittee shall maintain the following records for each truck: 1) the annual vapor collection equipment test result, 2) date the test was performed, and 3) truck identification. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date and time of leak detection, and method of detection; 3) Date and time of leak repair, and emission level of recheck after leak is repaired; 4) Method used to minimize the leak to lowest possible level within 72 hours after detection. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit
19. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-50-2 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
80,000 BARREL INTERNAL FLOATING ROOF GASOLINE, DIESEL, JET FUEL, AND TRANSMIX STORAGE TANK (FR-26)

PERMIT UNIT REQUIREMENTS

1. Emissions from this tank shall not exceed 23.4 lbs VOC per day. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Daily throughput of this tank shall not exceed 80,000 barrels per day. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3, District Rule 4623, 6.1] Federally Enforceable Through Title V Permit
4. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
5. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623, 5.3.1.3, CFR 60.112b(a)(1)(i)] Federally Enforceable Through Title V Permit
6. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
7. The cumulative length of all gaps, between the tank shell and the primary seal: 1) Greater than one-half (1/2) inch shall not exceed 10 percent of the circumference of the tank; and 2) Greater than one-eighth (1/8) inch shall not exceed 30 percent of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
8. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
10. Cumulative length of all gaps between the tank shell and secondary seal greater than one-eighth (1/8) inch shall not exceed 5 percent of the tank circumference for all seal types. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
11. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 18 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
13. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit
14. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit
15. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit
16. All openings in the roof used for sampling and gauging, except pressure-vacuum comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit
17. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11] Federally Enforceable Through Title V Permit
18. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iii)] Federally Enforceable Through Title V Permit
19. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623, 5.5.2.1.1, 40 CFR 60.112b(a)(1)(iv)] Federally Enforceable Through Title V Permit
20. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.1.3, 40 CFR 60.112b(a)(1)(v)] Federally Enforceable Through Title V Permit
21. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.1.4, 40 CFR 60.112b(a)(1)(vi)] Federally Enforceable Through Title V Permit
22. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623, 5.5.2.1.5, 40 CFR 60.112b(a)(1)(vii)] Federally Enforceable Through Title V Permit
23. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623, 5.5.2.1.6, 40 CFR 60.112b(a)(1)(viii)] Federally Enforceable Through Title V Permit
24. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623, 6.1.4.1, 40 CFR60.113b(b)(a)(3) and (4)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

25. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623, 6.1.4.2] Federally Enforceable Through Title V Permit
26. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623, 6.1.4.3] Federally Enforceable Through Title V Permit
27. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (revised 5-19-05). [District Rule 4623, 6.2] Federally Enforceable Through Title V Permit
28. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all necessary information to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit
29. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit
30. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623, 6.3.4] Federally Enforceable Through Title V Permit
31. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
32. The internal floating roof tank shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: a) a foam or liquid-filled seal mounted in contact with the liquid, b) two seals mounted one above the other so that each forms a continuous closure c) a mechanical shoe seal. [40 CFR 60.112b(a)(1)(ii)] Federally Enforceable Through Title V Permit
33. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(ix)] Federally Enforceable Through Title V Permit
34. The operator shall visually inspect the internal floating roof, the primary seal and the secondary seal prior to filling the storage vessel. If holes, tears, or other openings are found, they shall be repaired prior to filling. [40 CFR 60.113b(a)(1)] Federally Enforceable Through Title V Permit
35. Operator shall notify the APCO in writing 30 days prior to the filling or refilling of the vessel. If the inspection is not planned and the operator could not have known about the inspection 30 days in advance of refilling the tank, the operator shall make notification 7 days prior to refilling the tank. [40 CFR 60.113b(a)(5)] Federally Enforceable Through Title V Permit
36. Records of each inspection shall be maintained. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment. If any defects are detected during an inspection, operator shall provide the APCO with a report within 30 days of the inspection. The report shall identify the storage vessel, the nature of the defects, and the date the vessel was emptied or the nature of and date the repair was made. [40 CFR 60.115b(a)(2), (3) and (4)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. The operator shall keep readily available accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. The operator shall also keep a record of the liquid stored, the period of storage, and the maximum true vapor pressure of the liquid during the respective storage period. [40 CFR 60.116b(b) and (c)] Federally Enforceable Through Title V Permit

38. Available data on the storage temperature may be used to determine the maximum true vapor pressure. For vessels operated above or below ambient temperatures, the maximum true vapor pressure may be calculated using the highest expected calendar month average of the storage temperature. For vessels operated at ambient temperature, the maximum true vapor pressure may be calculated using maximum local monthly ambient temperatures as reported by the National Weather Service. [40 CFR 60.116b(e)(1)] Federally Enforceable Through Title V Permit

39. For crude oil or refined petroleum products the vapor pressure may be obtained by either: a) available data on the Reid vapor pressure and maximum expected storage temperature from nomographs contained in API Bulletin 2517, b) obtained from standard reference texts, c) determined by ASTM Method D2879-83, or c) measured or calculated by an appropriate method approved by the APCO. [40 CFR 60.116b(e)(2) and (3)] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-51-3 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
TWO LANE FUEL LOADING RACK #8 FOR PETROLEUM DISTILLATES AND GASOLINE WITH EIGHT LOADING STATIONS PER LANE CONTROLLED BY THE VAPOR COMBUSTION SYSTEM LISTED UNDER PERMIT C-1077-3, AND PERMIT EXEMPT DIESEL DYE INJECTION AND FUEL ADDITIVE INJECTION

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
3. Construction, reconstruction (as defined in 40 CFR 60.15), or expansion of any top loading facility shall not be allowed. [District Rule 4624] Federally Enforceable Through Title V Permit
4. During the loading of petroleum products, the operator shall perform and record the results of monthly leak inspections of the loading and vapor collection equipment at each loading arm. Leak inspections shall be conducted using sight, sound, smell and instrument methods to detect leaks. Instrument detection shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. The instrument shall be calibrated before use each day of its use by the procedures specified in Method 21 using the following calibration gases: A) Zero air (less than 10 ppm of hydrocarbon in air); and B) Mixture of methane or n-hexane and air at a concentration of about, but less than, 10,000 ppm methane or n-hexane. [District Rules 2520 and 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit
5. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect. In addition, the operator shall perform and record the results of monthly drainage inspections at disconnect for each loading arm. If no excess drainage conditions are found during five consecutive monthly inspections, the drainage inspection frequency may be changed from monthly to quarterly. However, if one or more excess drainage condition is found during a quarterly inspection, the inspection frequency shall return to monthly. [District Rule 2520] Federally Enforceable Through Title V Permit
6. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520] Federally Enforceable Through Title V Permit
7. The permittee shall maintain an inspection log containing at least the following: A) date and time of leak and drainage inspections, B) type of component leaking, C) leak determination method, D) findings, E) date and time of leak repair, and emission level of recheck after leak is repaired, F) method used to minimize the leak to lowest possible level within 72 hours after detection, and G) inspector name and signature. [District Rules 2520 and 4624 and 40 CFR 60.505(c)] Federally Enforceable Through Title V Permit
8. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

9. VOC emissions from the vapor collection and control system shall be determined annually using 40 CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 422, or ARB Method 2-4. [District Rule 4624] Federally Enforceable Through Title V Permit

10. The loading rack's vapor collection and control system (VCCS) shall be tested annually to demonstrate the pressure in the delivery tanks being loaded complies with the requirements specified in this permit. Compliance shall be determined by calibrating and installing a liquid manometer, magnehelic device, or other instrument demonstrated to be equivalent, capable of measuring up to 500 mm water gauge pressure with a precision of 2.5 mm water gauge, on the terminal's VCCS at a pressure tap as close as possible to the connection with the product tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. Every loading position must be tested at least once during the annual performance test. [District Rule 2520 and 40 CFR 60.503(d)] Federally Enforceable Through Title V Permit

11. Transfer rack and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or and no excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit

12. The product and vapor lines shall be connected and disconnected in a manner such that liquid and vapor emissions will be minimized. [District Rule 4624] Federally Enforceable Through Title V Permit

13. All liquid transfer lines, piping, and associated fittings shall be maintained in a leak tight condition. [District Rule 4624] Federally Enforceable Through Title V Permit

14. Processor and support equipment, including vapor return lines and connections, must be maintained in proper operating condition at all times. Permittee shall comply with all maintenance instructions associated with vapor control equipment. [District Rule 4624] Federally Enforceable Through Title V Permit

15. The vapor control system shall be maintained in proper operating condition at all times. [District Rule 4624] Federally Enforceable Through Title V Permit

16. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624 and 40 CFR 60.502(j)] Federally Enforceable Through Title V Permit

17. The loading rack shall be equipped with bottom loading and a vapor collection and control system such that TOC emissions do not exceed 0.02 pounds per 1000 gallons or organic liquid with greatest vapor pressure loaded. [District Rule 4624 and 40 CFR 60.502(b)] Federally Enforceable Through Title V Permit

18. The facility maximum gasoline throughput shall not exceed either of the following limits: 3.4 million gallons per day or 876 million gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit

19. Records of daily and annual gasoline throughput shall be maintained, retained on the premises, and made available to District staff upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit

20. All records shall be retained for a period of at least 5 years and shall be made available for APCO, ARB, or EPA inspection upon request. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit

21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624, Fresno County Rule 412 and 40 CFR 60 Subpart XX. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-52-0 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
OFF-SPECIFICATION PRODUCT TRUCK UNLOADING STATION WITH ONE UNLOADING CONNECTION GRAVITY DRAINED TO ONE PUMP SLEEVE, ONE PUMP, AIR ELIMINATOR, METER AND SUPPORT EQUIPMENT, AND VAPOR RETURN SYSTEM (VAPOR VENTED BACK TO TANKER TRUCK)

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
4. Vapor return hose(s) shall connect displaced vapors to the delivery truck whenever tank truck, trailer, or car is unloading organic liquid. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit
5. All delivery trucks must be equipped with vapor collection equipment capable of undergoing a pressure change of no more than 1 inch of water within 5 minutes after it is pressured to 18 inches of water. This must be demonstrated annually for each truck using the procedures specified in EPA Method 27 of 40 CFR 60, Appendix A or CARB Test Methods CP-204, TP-204.1, TP204-2, and TP-204.3. [District NSR Rule] Federally Enforceable Through Title V Permit
6. The vapor collection and control system shall operate such that the pressure in the delivery tank being unloaded does not exceed 18 inches water column pressure and six (6) inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
7. The transfer rack and vapor collection equipment shall be designed, installed, maintained and operated such that there are no leaks and no excess organic liquid drainage at disconnections. [District Rule 4624] Federally Enforceable Through Title V Permit
8. A leak is defined as the dripping of VOC-containing liquid at a rate of more than three (3) drops per minute, or the detection of any gaseous or vapor emissions with a concentration of VOC greater than 1,000 ppmv as methane above a background when measured using a portable hydrocarbon detection instrument in accordance with EPA Method 21. [District Rule 4624] Federally Enforceable Through Title V Permit
9. The operator shall inspect the vapor collection system, the vapor disposal system, and each transfer rack handling organic liquids for leaks during transfer at least once every calendar quarter using the EPA Method 21. [District Rule 4624, 5.9] Federally Enforceable Through Title V Permit
10. All leaking components shall be repaired or replaced within 72 hours of discovery. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624, 5.9] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

11. An operator may apply for a written approval from the APCO to change the inspection frequency from quarterly to annually provided no leaks were found during five consecutive quarterly inspections. Upon identification of any leak during an annual inspection, the inspection frequency shall revert back to quarterly, and the operator shall contact the APCO in writing within 14 days. [District Rule 4624, 5.9] Federally Enforceable Through Title V Permit
12. Unloading VOC emissions from the unloading system shall not exceed 0.093 lb-VOC/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Unloading VOC emissions from the unloading system shall not exceed 0.7 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The maximum number of unloading events shall not exceed either of the following limits: 45 events/day or 16,400 events/year. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Fugitive component VOC emissions from the unloading system shall not exceed 0.06 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The maximum volume of liquid spillage/leaks from each hose disconnect shall not exceed 10 milliliters. [District Rule 2201] Federally Enforceable Through Title V Permit
17. VOC emissions from truck unloading connections shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Permittee shall maintain accurate component count for tank according to EPA's "Protocol for Equipment Leak Emission Estimate," Table 2-3, Marketing Terminal Average Emission Factors. Permittee shall update such records when new components are approved and installed. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The maximum throughput of off-specification product unloaded shall not exceed any of the following: 75,600 gallons per day or 27,552,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Permittee shall maintain records of number and type of components installed and calculated fugitive emissions. Permittee shall update such records when new components are installed. [District Rule 2201] Federally Enforceable Through Title V Permit
21. Daily records of amount of off-specification product unloaded and number of trucks unloaded at the unloading system shall be maintained. [District Rules 1070, 2201, 4624] Federally Enforceable Through Title V Permit
22. Permittee shall maintain the following records for each truck: 1) the annual vapor collection equipment test result, 2) date the test was performed, and 3) truck identification. [District NSR Rule] Federally Enforceable Through Title V Permit
23. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date and time of leak detection, and method of detection; 3) Date and time of leak repair, and emission level of recheck after leak is repaired; 4) Method used to minimize the leak to lowest possible level within 72 hours after detection. [District Rules 1070 and 4624] Federally Enforceable Through Title V Permit
24. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-53-0 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
500 GALLON FUEL ADDITIVE STORAGE TANK WITH PV VALVE LINKED BY PIPE TO LOADING RACK LISTED IN PERMIT C-1077-51

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
3. The tank shall be equipped with a fixed roof with no holes or openings. [District Rule 2201] Federally Enforceable Through Title V Permit
4. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.4 psia under all storage conditions. [District Rule 2201] Federally Enforceable Through Title V Permit
5. This tank shall be equipped with a pressure-vacuum (PV) relief valve set to within 10% of the maximum allowable working pressure of the tank, permanently labeled with the operating pressure settings, properly maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in gas-tight condition except when the operating pressure exceeds the valve's set pressure. [District Rule 2201] Federally Enforceable Through Title V Permit
6. This tank shall be in a leak-free condition. A leak-free condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Daily throughput of this tank shall not exceed 500 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Annual throughput of this tank shall not exceed 6,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. VOC emission rate from the tank shall not exceed 0.5 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Permittee shall maintain daily records of organic liquid throughput and shall keep accurate records of each organic liquid stored in the tank, including its storage temperature and TVP. [District Rule 1070] Federally Enforceable Through Title V Permit
11. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

ATTACHMENT C

Detailed Facility List

Detailed Facility Report

For Facility=1077

Sorted by Facility Name and Permit Number

SFPP, L.P.	FAC #	C 1077	TYPE: TitleV	EXPIRE ON:	05/31/2016
4149 S MAPLE AVE	STATUS:	A	TOXIC ID: 40210	AREA:	7 /
FRESNO, CA 93725	TELEPHONE:	7145604400		INSP. DATE:	08/16

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-1077-1-4	460 hp IC Engine	3020-10 D	1	502.00	502.00	A	460 HP MODEL #3406B DIESEL-FIRED EMERGENCY IC ENGINE POWERING ONE FIRE PROTECTION PUMP
C-1077-2-4	460 hp IC Engine	3020-10 D	1	502.00	502.00	A	460 HP MODEL #3406B DIESEL-FIRED EMERGENCY IC ENGINE POWERING ONE FIRE PROTECTION PUMP
C-1077-3-12	78,000 kbtu/hr	3020-02 H	1	1,080.00	1,080.00	A	78.0 MMBTU/HR JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM AS THE CONTROL DEVICE OF THE BULK LOADING OPERATION
C-1077-4-3	63.0 KGAL TANK FR-1	3020-05 D	1	194.00	194.00	A	63,000 GALLON ABOVEGROUND FIXED ROOF STORAGE TANK, FR-1, WITH CONAKO VACONODECK INTERNAL FLOATING PAN.
C-1077-5-7	762,000 GALLONS	3020-05 F	1	316.00	316.00	A	762,500 GALLON ABOVEGROUND MULTI-PRODUCT (GASOLINE & ETHANOL) ORGANIC LIQUID STORAGE TANK FR-2 EQUIPPED WITH DOMED EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP AND ETHANOL TRUCK UNLOADING STATION WITH TWO FOUR-INCH FLEXIBLE UNLOADING HOSES
C-1077-6-5	370.4 KGAL TANK FR-3	3020-05 E	1	258.00	258.00	A	370,400 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-3, EXTERNAL FLOATING ROOF WITH A RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.
C-1077-7-5	1,260.0 KGAL TANK FR-4	3020-05 G	1	401.00	401.00	A	1,260,000 GALLON ABOVEGROUND CONE ROOF PETROLEUM DISTILLATES AND GASOLINE STORAGE TANK FR-4, INTERNAL FLOATING ROOF EQUIPPED WITH A LIQUID MOUNTED METALLIC SHOE PRIMARY SEAL AND A RIM-MOUNTED SECONDARY SEAL MADE OF STEEL COMPRESSION PLATES AND A RUBBER WIPER BLADE TIP WITH A RECIRCULATION SYSTEM AND ELECTRIC HEATER FOR MAINTAINING TANK TEMPERATURE
C-1077-8-4	1,736.0 KGAL TANK FR-5	3020-05 G	1	401.00	401.00	A	1,736,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-5, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.
C-1077-9-5	923.0 KGAL TANK FR-6	3020-05 G	1	401.00	401.00	A	923,000 GALLON ABOVEGROUND GASOLINE TANK (FR-6) WITH AN EXTERNAL FLOATING ROOF AND A MATRIX SERVICE RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.
C-1077-10-4	519.0 KGAL TANK FR-7	3020-05 F	1	316.00	316.00	A	519,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-7, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

Detailed Facility Report

For Facility=1077

Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-1077-11-6	370.0 KGAL TANK FR-8	3020-05 E	1	258.00	258.00	A	370,000 GALLON ABOVEGROUND GASOLINE, DIESEL, JET FUEL, TRANSMIX, AND ETHANOL STORAGE TANK FR-8, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP
C-1077-12-4	925.0 KGAL TANK FR-9	3020-05 G	1	401.00	401.00	A	925,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-9, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.
C-1077-13-6	634,000 gallon tank	3020-05 F	1	316.00	316.00	A	634,000 GALLON ABOVEGROUND MULTI-PRODUCT (GASOLINE, DIESEL, JET FUEL, & ETHANOL) ORGANIC LIQUID STORAGE TANK FR-10 EQUIPPED WITH APPROVED PRIMARY AND SECONDARY SEALS
C-1077-14-5	1,145.0 KGAL TANK FR-11	3020-05 G	1	401.00	401.00	A	1,145,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-11, EXTERNAL FLOATING ROOF WITH AN HMT SCISSOR SHOE PRIMARY SEAL, AND AN HMT RIM-MOUNTED SECONDARY SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.
C-1077-15-4	761.0 KGAL TANK FR-12	3020-05 F	1	316.00	316.00	A	761,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-12, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.
C-1077-16-4	1,343.0 KGAL TANK FR-13	3020-05 G	1	401.00	401.00	A	1,343,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-13, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.
C-1077-17-5	1,145.0 KGAL TANK FR-14	3020-05 G	1	401.00	401.00	A	1,145,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-14, EXTERNAL FLOATING ROOF WITH A RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.
C-1077-18-6	1,470,000 gallon Tank #FR-16	3020-05 G	1	401.00	401.00	A	1,470,000 GALLON ABOVEGROUND CONE ROOF PETROLEUM DISTILLATES AND GASOLINE STORAGE TANK FR-16, INTERNAL FLOATING ROOF EQUIPPED WITH PDM'S DELTA PRIMARY SEAL AND WIPER TYPE SECONDARY SEAL
C-1077-19-5	1,512,000 gallon tank	3020-05 G	1	401.00	401.00	A	1,512,000 GALLON ABOVEGROUND CONE ROOF GASOLINE STORAGE TANK FR-17, INTERNAL FLOATING ROOF EQUIPPED WITH APPROVED MECHANICAL SHOE TYPE PRIMARY SEAL AND A RIM-MOUNTED STEEL COMPRESSION PLATE SECONDARY SEAL
C-1077-20-4	210.0 KGAL TANK FR-18	3020-05 E	1	258.00	258.00	A	210,000-GALLON ABOVEGROUND CONE ROOF STORAGE TANK FR-18, INTERNAL FLOATING ROOF EQUIPPED WITH APPROVED PRIMARY AND SECONDARY SEALS.
C-1077-21-4	2,100.0 KGAL TANK FR-19	3020-05 G	1	401.00	401.00	A	2,100,000 GALLON ABOVEGROUND CONE ROOF STORAGE TANK FR-19, INTERNAL FLOATING ROOF EQUIPPED WITH APPROVED PRIMARY AND SECONDARY SEALS.

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-1077-22-4	3,360.0 KGAL TANK FR-20	3020-05 G	1	401.00	401.00	A	3,360,000 GALLON ABOVEGROUND CONE ROOF GASOLINE STORAGE TANK FR-20, INTERNAL FLOATING ROOF EQUIPPED WITH AN HMT MINI-SHOE SEAL AND AN HMT VAPORFLEX SECONDARY SEAL.
C-1077-23-6	2,520,000 gallon Tank #FR-21	3020-05 G	1	401.00	401.00	A	2,520,000 GALLON ABOVEGROUND CONE ROOF PETROLEUM DISTILLATES AND GASOLINE STORAGE TANK FR-21, INTERNAL FLOATING ROOF EQUIPPED WITH URETHANE FABRIC "RESILIENT TOROIDAL SEAL" WITH WOVEN NYLON INSERT, AND "FOAM LOGS" INSERTED BETWEEN TANK SHELL AND PAN RIM
C-1077-24-3	375.0 KGAL VAPOR HOLDER TANK	3020-05 E	1	258.00	258.00	A	375,000 GALLON VAPOR HOLDER TANK, EQUIPPED WITH MESA RUBBER COMPANY "BLADDER SYSTEM" TO CONTROL HYDROCARBON EMISSIONS.
C-1077-26-10	135 electrical HP	3020-01 D	1	330.00	330.00	A	LOADING RACK #1 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3
C-1077-27-10	130 electrical HP	3020-01 D	1	330.00	330.00	A	LOADING RACK #2 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3
C-1077-28-10	115 electrical HP	3020-01 D	1	330.00	330.00	A	LOADING RACK #3 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3
C-1077-29-10	215 electrical HP	3020-01 E	1	432.00	432.00	A	LOADING RACK #4 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3
C-1077-30-3	500 HP EDWARDS VAPOR RECOVERY	3020-01 F	1	637.00	637.00	D	500 HP EDWARDS ENGINEERING TYPE DEC-4-4800 REFRIGERATION TYPE VAPOR RECOVERY UNIT AS THE SECONDARY SOURCE FOR VAPOR PROCESSING DURING POLISH-MODE OPERATION OF THE PRIMARY VAPOR BURNER COMBUSTION SYSTEM. ***DELETED PER FACILITY LETTER 4/17 99 WDS***
C-1077-31-0	20.0 KGAL TANK	3020-05 C	1	142.00	142.00	D	ONE 20,000 GALLON UNDERGROUND ETHANOL STORAGE TANK (D-2) EQUIPPED WITH FOUR - 4" OPW VAPOR VALVES CAPABLE OF CONTROLLING ALCOHOL VAPORS DURING OFF-LOADING. ***DELETED PER 7/31/97 LETTER, TANK WILL NO LONGER BE IN USE AT THE FACILITY, CGV - 8/8/97***
C-1077-32-0	20.0 KGAL TANK	3020-05 C	1	142.00	142.00	D	ONE 20,000 GALLON UNDERGROUND ETHANOL STORAGE TANK (D-3) EQUIPPED WITH FOUR - 4" OPW VAPOR VALVES CAPABLE OF CONTROLLING ALCOHOL VAPORS DURING OFF LOADING. ***DELETED, PER 7/31/97 LETTER, TANK WILL NO LONGER BE IN USE AT THE FACILITY, CGV - 8/8/97***
C-1077-33-2	1,890.0 KGAL TANK FR-22	3020-05 G	1	401.00	401.00	D	1,890,000 GALLON ABOVEGROUND DIESEL STORAGE TANK FR-22, CONE ROOF, INTERNAL FLOATING PAN WITH FOAM LOG TYPE PRIMARY SEAL.

Detailed Facility Report

For Facility=1077

Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-1077-34-1	20.0 KGAL STORAGE TANK #4	3020-05 C	1	142.00	142.00	D	20,000 GALLON FIXED ROOF VERITICAL STORAGE TANK #4 WITH VAPOR COLLECTION PIPING AS SPECIFIED IN DRAWING BA-6836-0.
C-1077-35-1	20.0 KGAL STORAGE TANK #5	3020-05 C	1	142.00	142.00	D	20,000 GALLON FIXED ROOF VERTICAL TANK #5 WITH VAPOR COLLECTION PIPING AS SPECIFIED IN DRAWING BA-6836-0.
C-1077-36-1	20.0 KGAL STORAGE TANK #6	3020-05 C	1	142.00	142.00	D	20,000 GALLON FIXED ROOF VERTICAL STORAGE TANK #6 SERVED BY VAPOR COLLECTION PIPING AS SPECIFIED IN DRAWING BA-6836-0.
C-1077-37-1	20.0 KGAL STORAGE TANK #7	3020-05 C	1	142.00	142.00	D	20,000 GALLON FIXED ROOF VERTICAL STORAGE TANK #7 WITH VAPOR COLLECTION PIPING AS SPECIFIED IN DRAWING BA-6836-0.
C-1077-38-10	115 electrical HP	3020-01 D	1	330.00	330.00	A	LOADING RACK #6 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO ONE JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM LISTED UNDER C-1077-3
C-1077-39-3	1260.0 KGAL STORAGE TANK #1	3020-05 G	1	401.00	401.00	A	TANK FR-24; 30,000 BARREL FIXED CONE ROOF STEEL STORAGE TANK.
C-1077-40-3	1260.0 KGAL STORAGE TANK #2	3020-05 G	1	401.00	401.00	A	TANK FR-25, 30,000 BARREL (1,260,000 GALLON) FIXED, CONE ROOF STEEL STORAGE TANK.
C-1077-41-3	10,000 GAL STORAGE TANK #A	3020-05 B	1	98.00	98.00	A	TANK FR-18A, ONE 238 BARREL (10,000 GALLON) FIXED, CONE ROOF STORAGE TANK.
C-1077-42-6	80 electrical HP	3020-01 C	1	207.00	207.00	A	LOADING RACK #5 FOR PETROLEUM DISTILLATES AND GASOLINE, WITH ORGANIC VAPORS EXHAUSTED TO JOHN ZINK VAPOR BURNER
C-1077-43-7	1,000 gallons	3020-05 A	1	79.00	79.00	A	TWO 500 GALLON FUEL ADDITIVE STORAGE CONTAINERS, LINKED BY PIPE TO LOADING ARM, FOR STORAGE OF FUEL ADDITIVE
C-1077-44-2	360 GALLON ROOF TANK	3020-05 A	1	79.00	79.00	D	360 GALLON FIXED ROOF TANK, LINKED BY PIPE TO LOADING ARM, FOR STORAGE OF GASOLINE ADDITIVE WITH INITIAL BOILING POINT LESS THAN 302 DEG. F.
C-1077-45-3	10,000 GAL TANK #17A	3020-05 B	1	98.00	98.00	A	10,000 GALLON FIXED ROOF TANK #17A, LINKED BY PIPE TO LOADING ARM, FOR STORAGE OF GASOLINE ADDITIVE WITH INITIAL BOILING POINT LESS THAN 302 F.
C-1077-49-7	50 hp	3020-01 C	1	207.00	207.00	A	TWO-LANE DENATURED ETHANOL TRUCK UNLOADING STATION EACH LANE WITH TWO FLEXIBLE UNLOADING HOSES, TWO PUMPS, PRODUCT ACCUMULATOR, AIR ELIMINATOR, METER AND SUPPORT EQUIPMENT, AND ORGANIC VAPORS RETURNED TO DELIVERY TRUCKS
C-1077-50-2	3,360,000 gallons	3020-05 G	1	401.00	401.00	A	80,000 BARREL INTERNAL FLOATING ROOF GASOLINE, DIESEL, JET FUEL, AND TRANSMIX STORAGE TANK (FR-26)

Detailed Facility Report

For Facility=1077

Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-1077-51-3	199 electrical HP	3020-01 D	1	330.00	330.00	A	TWO LANE FUEL LOADING RACK #8 FOR PETROLEUM DISTILLATES AND GASOLINE WITH EIGHT LOADING STATIONS PER LANE CONTROLLED BY THE VAPOR COMBUSTION SYSTEM LISTED UNDER PERMIT C-1077-3, AND PERMIT EXEMPT DIESEL DYE INJECTION AND FUEL ADDITIVE INJECTION
C-1077-52-0	5 Electric HP	3020-01 A	1	92.00	92.00	A	OFF-SPECIFICATION PRODUCT TRUCK UNLOADING STATION WITH ONE UNLOADING CONNECTION GRAVITY DRAINED TO ONE PUMP SLEEVE, ONE PUMP, AIR ELIMINATOR, METER AND SUPPORT EQUIPMENT, AND VAPOR RETURN SYSTEM (VAPOR VENTED BACK TO TANKER TRUCK)
C-1077-53-0	500 gallons	3020-05 A	1	79.00	79.00	A	500 GALLON FUEL ADDITIVE STORAGE TANK WITH PV VALVE LINKED BY PIPE TO LOADING RACK LISTED IN PERMIT C-1077-51

Number of Facilities Reported: 1

San Joaquin Valley
Air Pollution Control District

FACILITY: C-1077-0-3 **EXPIRATION DATE:** 05/31/2016

FACILITY-WIDE REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit

11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit

12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit

13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit

14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit

15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit

16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit

17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit

18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit

19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit

20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit

21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit

22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

23. No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in Table of Standards 1 effective until 12/30/10 or Table of Standards 2 effective on and after 1/1/11 of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit

24. All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit

25. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit

26. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit

27. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit

28. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit

29. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8021 and 8011] Federally Enforceable Through Title V Permit

30. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8031 and 8011] Federally Enforceable Through Title V Permit

31. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8041 and 8011] Federally Enforceable Through Title V Permit

32. Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8051 and 8011] Federally Enforceable Through Title V Permit

33. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8061 and Rule 8011] Federally Enforceable Through Title V Permit

34. Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rules 8071 and Rule 8011] Federally Enforceable Through Title V Permit

35. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

36. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit

37. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit

38. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit

39. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

41. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin January 1 of each year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit

42. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

43. When applicable to 40 CFR Part 68, a subject facility shall submit to the proper authority a Risk Management Plan. [40 CFR 68] Federally Enforceable Through Title V Permit

44. The facility wide hazardous air pollutants (HAPs) emissions shall not exceed 16.7 tons/year and any individual HAP emissions shall not exceed 10 tons/year. The facility shall keep records demonstrating compliance with these limits. [District Rule 1160] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-1-4 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
460 HP MODEL #3406B DIESEL-FIRED EMERGENCY IC ENGINE POWERING ONE FIRE PROTECTION PUMP

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all time other than startup in tables 1a, 2a, 2c, and 2d to 40. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
4. On and after May 3, 2013, the engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
5. On and after May 3, 2013, the engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
6. On and after May 3, 2013, the engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
7. On and after May 3, 2013, the engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702, 6.2.1 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. This engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems", 1998 edition. Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rules 4701 and 4702, 3.15, 17 CCR 93115 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
10. This engine shall be operated using only CARB certified diesel fuel. [17 CCR 93115]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

11. The permittee shall maintain monthly records of the type of fuel purchased, the amount of fuel purchased, date when the fuel was purchased, signature of the permittee who received the fuel, and signature of the fuel supplier indicating that the fuel was delivered. [17 CCR 93115]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
13. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District NSR Rule, Rule 4702, 4.2.1, 17 CCR 93115 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
14. Engine shall be equipped with turbocharger and aftercooler. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Permit holder shall notify the District within ten days in event engine is used during an emergency. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Engine ignition timing shall be inspected, adjusted and certified, initially and, at a minimum, once every 3 years. Inspections, adjustments, and certifications shall be performed by a qualified mechanic according to the manufacturer's procedures. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Records of operation shall be maintained and made available for District inspection upon request, and shall include: days and hours of operation, fuel consumed, dates of maintenance, and ignition timing noted. [District NSR Rule] Federally Enforceable Through Title V Permit
18. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702, 6.2.1 and 17 CCR 93115]
19. Daily emissions from the engine shall not exceed 1.7 lbs/day of PM10, 3.8 lbs/day of SOx, 173.0 lbs/day of NOx, 3.0 lbs/day of VOC and 15.0 lbs/day of CO emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
20. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
21. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
22. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702,5.6] Federally Enforceable Through Title V Permit
23. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702,3.15] Federally Enforceable Through Title V Permit
24. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702,3.15] Federally Enforceable Through Title V Permit
25. On and after May 3, 2013, the permittee shall maintain monthly records that include any information necessary to demonstrate compliance with 40 CFR 63, ZZZZ. [District Rule 1070 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-2-4 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
460 HP MODEL #3406B DIESEL-FIRED EMERGENCY IC ENGINE POWERING ONE FIRE PROTECTION PUMP

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all time other than startup in tables 1a, 2a, 2c, and 2d to 40. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
4. On and after May 3, 2013, the engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
5. On and after May 3, 2013, the engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
6. On and after May 3, 2013, the engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
7. On and after May 3, 2013, the engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702, 6.2.1 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. This engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems", 1998 edition. Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rules 4701 and 4702, 3.15, 17 CCR 93115 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
10. This engine shall be operated using only CARB certified diesel fuel. [17 CCR 93115]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

11. The permittee shall maintain monthly records of the type of fuel purchased, the amount of fuel purchased, date when the fuel was purchased, signature of the permittee who received the fuel, and signature of the fuel supplier indicating that the fuel was delivered. [17 CCR 93115]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
13. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District NSR Rule, Rule 4702, 4.2.1, 17 CCR 93115 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
14. Engine shall be equipped with turbocharger and aftercooler. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Permit holder shall notify the District within ten days in event engine is used during an emergency. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Engine ignition timing shall be inspected, adjusted and certified, initially and, at a minimum, once every 3 years. Inspections, adjustments, and certifications shall be performed by a qualified mechanic according to the manufacturer's procedures. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Records of operation shall be maintained and made available for District inspection upon request, and shall include: days and hours of operation, fuel consumed, dates of maintenance, and ignition timing noted. [District NSR Rule] Federally Enforceable Through Title V Permit
18. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702, 6.2.1 and 17 CCR 93115]
19. Daily emissions from the engine shall not exceed 1.7 lbs/day of PM10, 3.8 lbs/day of SOx, 173.0 lbs/day of NOx, 3.0 lbs/day of VOC and 15.0 lbs/day of CO emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
20. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102] Federally Enforceable Through Title V Permit
21. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102] Federally Enforceable Through Title V Permit
22. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702,5.6] Federally Enforceable Through Title V Permit
23. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702,3.15] Federally Enforceable Through Title V Permit
24. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702,3.15] Federally Enforceable Through Title V Permit
25. On and after May 3, 2013, the permittee shall maintain monthly records that include any information necessary to demonstrate compliance with 40 CFR 63, ZZZZ. [District Rule 1070 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-3-12 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
78.0 MMBTU/HR JOHN ZINK ZTOF VAPOR BURNER COMBUSTION SYSTEM AS THE CONTROL DEVICE OF THE BULK LOADING OPERATION

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Auxiliary fuel supplied to John Zink ZTOF burner/thermal oxidizer shall be monitored daily to determine the amount of fuel consumed. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The John Zink ZTOF burner operating temperature shall be monitored by a continuously recording temperature device. Upon the detection of a vapor combustion temperature below 900 degrees F, the permittee shall investigate the cause of the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [District NSR Rule, 40 CFR part 64] Federally Enforceable Through Title V Permit
4. All vapors from the loading racks shall be incinerated in the vapor combustion system at a minimum temperature of 900 degrees F (averaged over each burn period) and retention time of at least 0.5 seconds when running at by-pass mode or direct mode. [District NSR Rule, 40 CFR part 64 and District Rule 4624] Federally Enforceable Through Title V Permit
5. VOC emissions from the loading racks #1, #2, #3, #4, #5, #6, and #7 served by the John Zink ZTOF combustion system shall not exceed 0.02 pound VOC per 1,000 gallon of organic liquid with greatest vapor pressure loaded. [District Rule 4624] Federally Enforceable Through Title V Permit
6. Daily emission limits from the John Zink ZTOF combustion system shall not exceed any of the following limits: 105.0 pounds VOC per day, 97.0 pounds NOx per day, 264.0 pounds CO per day, 30.7 pounds SOx per day, or 6.0 pounds PM10/day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Records of monthly LPG consumption and the daily and annual amount of gasoline loaded from the loading racks shall be maintained, retained on the premises and made available for District inspection upon request. [District NSR Rule and District Rule 4624] Federally Enforceable Through Title V Permit
8. Source testing to demonstrate compliance with permit conditions and all rules and regulations shall be conducted annually. [District Rule 4624, District NSR Rule and District Rule 1081] Federally Enforceable Through Title V Permit
9. Source testing shall be conducted using the methods and procedures approved by the District. A pretest plan outlining the test methods and procedures shall be submitted for the District's approval no later than 15 days prior to each test. [District Rule 1081] Federally Enforceable Through Title V Permit
10. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
11. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The operator of the facility shall comply with the provisions of District Rule 4624. [District Rule 4624] Federally Enforceable Through Title V Permit
13. The facility maximum gasoline throughput shall not exceed either of the following limits: 5.25 million gallons per day and 1,916,250,000 gallons per year. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Analysis of halogenated exempt compounds shall be by ARB Method 432. [District Rule 4624, 6.2.1 and Fresno County Rule 412] Federally Enforceable Through Title V Permit
15. VOC emissions from the vapor collection and control system shall be determined annually using 40CFR 60.503. "Test Methods and Procedures" and EPA Reference Methods 2A, 2B, 25A and 25B and ARB Method 432, or ARB Method 2-4. [District Rule 4624, 6.2.2 and Fresno County Rule 412] Federally Enforceable Through Title V Permit
16. Loading and vapor collection and control equipment shall be designed, installed, maintained and operated such that there are no leaks or excess organic liquid drainage at disconnections. A leak shall be defined as the dripping of organic compounds at a rate of more than three drops per minute or the detection of organic compounds, in excess of 10,000 ppm as methane measured at a distance of one centimeter from the potential source in accordance with EPA Method 21. Excess liquid drainage shall be defined as exceeding 10 mls per average of 3 consecutive disconnects. [District Rule 4624, 5.4 and Fresno County Rule 412] Federally Enforceable Through Title V Permit
17. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4624 and Fresno County Rule 412. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
18. Devices used to monitor the John Zink ZTOF burner operating temperature shall be maintained in accordance with the manufacture's specifications. [40 CFR part 64] Federally Enforceable Through Title V Permit
19. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR part 64] Federally Enforceable Through Title V Permit
20. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR part 64.8. [40 CFR part 64] Federally Enforceable Through Title V Permit
21. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-4-3 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
63,000 GALLON ABOVEGROUND FIXED ROOF STORAGE TANK, FR-1, WITH CONAKO VACONODECK INTERNAL FLOATING PAN.

PERMIT UNIT REQUIREMENTS

1. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.4.2, District Rule 4623, 6.1] Federally Enforceable Through Title V Permit
2. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1] Federally Enforceable Through Title V Permit
3. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
4. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
5. The cumulative length of all gaps, between the tank shell and the primary seal: 1) Greater than one-half (1/2) inch shall not exceed 10 percent of the circumference of the tank; and 2) Greater than one-eighth (1/8) inch shall not exceed 30 percent of the circumference of the tank. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
6. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
7. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
8. Cumulative length of all gaps between the tank shell and secondary seal greater than one-eighth (1/8) inch shall not exceed 5 percent of the tank circumference for all seal types. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 18 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
10. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
11. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

13. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

14. All openings in the roof used for sampling and gauging, except pressure-vacuum valves which shall be set to within 10% of the maximum allowable working pressure of the roof, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be leak-free, except when the device or appurtenance is in use. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit

15. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11] Federally Enforceable Through Title V Permit

16. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.1.1] Federally Enforceable Through Title V Permit

17. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, combination manway/vacuum breakers, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623, 5.5.2.1.1] Federally Enforceable Through Title V Permit

18. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.1.3] Federally Enforceable Through Title V Permit

19. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or set to open at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.1.4] Federally Enforceable Through Title V Permit

20. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623, 5.5.2.1.5] Federally Enforceable Through Title V Permit

21. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623, 5.5.2.1.6] Federally Enforceable Through Title V Permit

22. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623, 6.1.4.1] Federally Enforceable Through Title V Permit

23. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of hydrocarbon vapors. Any defects found are violations of this rule. [District Rule 4623, 6.1.4.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

24. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623, 6.1.4.3] Federally Enforceable Through Title V Permit

25. Vapor pressure of stored liquids shall be determined as described in section 6.4.3 of District Rule 4623 (revised 5/19/05). [District Rule 4623, 6.4.3] Federally Enforceable Through Title V Permit

26. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

27. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

28. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

29. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-5-7 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
762,500 GALLON ABOVEGROUND MULTI-PRODUCT (GASOLINE & ETHANOL) ORGANIC LIQUID STORAGE TANK FR-2 EQUIPPED WITH DOMED EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP AND ETHANOL TRUCK UNLOADING STATION WITH TWO FOUR-INCH FLEXIBLE UNLOADING HOSES

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The only organic liquids approved for storage in the external floating roof tank shall be gasoline and ethanol. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The true vapor pressure (TVP) of liquids stored in the external floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623, 5.1] Federally Enforceable Through Title V Permit
4. The total annual organic liquid throughput for Tank FR-2 shall not exceed 6,626,575 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Daily VOC emissions shall not exceed 5.4 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.4.2 and District Rule 4623, 6.1] Federally Enforceable Through Title V Permit
7. The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the District in writing at least five calendar days prior to performing the work. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. The tank pressure-vacuum (PV) relief valve shall be set to within 10% of the maximum allowable working pressure of the tank. The PV relief valve shall be permanently labeled with the operating pressure settings. The PV relief valve shall be properly installed and maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in gas-tight condition except when the operating pressure exceeds the valve's set pressure. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit
9. Gaps between the tank shell and the primary seal shall not exceed one and one-half (1-1/2) inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. The cumulative length of all primary seal gaps greater than one-half (1/2) inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. The cumulative length of all primary seal gaps greater than one-eighth (1/8) inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. No continuous gap greater than one-eighth (1/8) inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
13. No gap between the tank shell and the secondary seal shall exceed one-half (1/2) inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
14. The cumulative length of all gaps between the tank shell and the secondary seal, greater than one-eighth (1/8) inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
15. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
16. The maximum gap between the shoe and the tank shell shall be no greater than double the gap allowed by the seal gap criteria for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
17. There shall be no tears, holes or openings in the secondary seal or in the primary seal envelope surrounding the annular vapor space enclosed by the roof edge, stored liquid surface, shoe, and seal fabric. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit
18. The secondary seal shall allow easy insertion of probes of up to one and one-half (1-1/2) inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit
19. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit
20. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be leak free, except when the device or appurtenance is in use for sampling or gauging. [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit
21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit
22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit
23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3] Federally Enforceable Through Title V Permit
24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit
25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit
26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit
27. The well shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.4.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

28. The well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well provided the gap does not exceed one-eighth (1/8) inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed one-eighth (1/8) inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

30. The permittee of external floating roof tanks shall make the primary seal envelope available for unobstructed inspection by the District on an annual basis at locations selected along its circumference at random by the District. In the case of riveted tanks with toroid-type seals, a minimum of eight (8) locations shall be made available; in all other cases, a minimum of four (4) locations shall be made available. If the District suspects a violation may exist, the District may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

31. The permittee shall inspect all floating tanks at least once every 12 months to determine compliance with the requirements of Rule 4623. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the District as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

32. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time a tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

33. The permittee shall submit the reports of the floating roof tank inspections to the District within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the District, but the inspection report shall be kept on-site and made available upon request by the District. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

34. Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, and type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. The permittee shall keep the records at the facility (on-site) for a period of five years. The records shall be made available to the APCO upon request. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-6-5 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
370,400 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-3, EXTERNAL FLOATING ROOF WITH A RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-3 shall not exceed 3,219,300 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 10.3 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
13. The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
14. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
15. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
16. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit
17. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit
18. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit
19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit
20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit
21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit
22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit
23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit
24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit
25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit
26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit
38. Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit
39. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
40. As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
41. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
42. Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended May 19, 2005) A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
43. This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit
47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-7-5 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
1,260,000 GALLON ABOVEGROUND CONE ROOF PETROLEUM DISTILLATES AND GASOLINE STORAGE TANK FR-4, INTERNAL FLOATING ROOF EQUIPPED WITH A LIQUID MOUNTED METALLIC SHOE PRIMARY SEAL AND A RIM-MOUNTED SECONDARY SEAL MADE OF STEEL COMPRESSION PLATES AND A RUBBER WIPER BLADE TIP WITH A RECIRCULATION SYSTEM AND ELECTRIC HEATER FOR MAINTAINING TANK TEMPERATURE

PERMIT UNIT REQUIREMENTS

1. Petroleum distillates includes the following products: diesel, biodiesel blends, and B100 biodiesel blendstock. [District Rule 2080] Federally Enforceable Through Title V Permit
2. The electronic heater shall not operate unless the storage tank is in biodiesel blendstock service. [District Rule 2080] Federally Enforceable Through Title V Permit
3. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, District Rule 4623] Federally Enforceable Through Title V Permit
4. The true vapor pressure (TVP) of liquids stored in the internal floating roof tank shall be less than 11 psia under storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
5. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal roof shall be floating on the liquid surface except during initial fill and when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five days prior to performing the work. [District Rule 4623] Federally Enforceable Through Title V Permit
6. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623] Federally Enforceable Through Title V Permit
7. The cumulative length of all gaps, between the tank shell and the primary seal: 1) Greater than one-half (1/2) inch shall not exceed 10 percent of the circumference of the tank; and 2) Greater than one-eighth (1/8) inch shall not exceed 30 percent of the circumference of the tank. [District Rule 4623] Federally Enforceable Through Title V Permit
8. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623] Federally Enforceable Through Title V Permit
9. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623] Federally Enforceable Through Title V Permit
10. Cumulative length of all gaps between the tank shell and secondary seal greater than one-eighth (1/8) inch shall not exceed 5 percent of the tank circumference for all seal types. [District Rule 4623] Federally Enforceable Through Title V Permit
11. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 18 inches above the stored liquid surface. [District Rule 4623] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623] Federally Enforceable Through Title V Permit

13. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623] Federally Enforceable Through Title V Permit

14. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623] Federally Enforceable Through Title V Permit

15. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623] Federally Enforceable Through Title V Permit

16. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be leak free, except when the device or appurtenance is in use for sampling or gauging. [District Rule 4623] Federally Enforceable Through Title V Permit

17. A leak-free condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623] Federally Enforceable Through Title V Permit

18. Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall provide a projection below the liquid surface. [District Rule 4623] Federally Enforceable Through Title V Permit

19. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [District Rule 4623] Federally Enforceable Through Title V Permit

20. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623] Federally Enforceable Through Title V Permit

21. Rim vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623] Federally Enforceable Through Title V Permit

22. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The well shall have a slit fabric cover that covers at least 90% of the opening. The fabric cover must be impermeable. [District Rule 4623] Federally Enforceable Through Title V Permit

23. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. The fabric sleeve must be impermeable. [District Rule 4623] Federally Enforceable Through Title V Permit

24. The permittee shall visually inspect the internal floating roof, and its appurtenant parts, fittings, etc. and measure the gaps of the primary seal and/or secondary seal prior to filling the tank for newly constructed, repair, or rebuilt internal floating roof tanks. If holes, tears, or openings in the primary seal, the secondary seal, the seal fabric or defects in the internal floating roof or its appurtenant parts, components, fittings, etc., are found, they shall be repaired prior to filling the tank. [District Rule 4623] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

25. The permittee shall visually inspect, through the manholes, roof hatches, or other openings on the fixed roof, the internal floating roof and its appurtenant parts, fittings, etc., and the primary seal and/or secondary seal at least once every 12 months after the tank is initially filled with an organic liquid. There should be no visible organic liquid on the roof, tank walls, or anywhere. Other than the gap criteria specified by this rule, no holes, tears, or other openings are allowed that would permit the escape of vapors. Any defects found are violations of this rule. [District Rule 4623] Federally Enforceable Through Title V Permit
26. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. [District Rule 4623] Federally Enforceable Through Title V Permit
27. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (revised 5/19/05). [District Rule 4623] Federally Enforceable Through Title V Permit
28. Permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
29. Permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the true vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623] Federally Enforceable Through Title V Permit
30. Records of monthly organic liquid throughput shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit
31. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-8-4 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
1,736,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-5, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-5 shall not exceed 15,088,735 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 15 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
13. The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
14. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
15. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
16. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit
17. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit
18. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit
19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit
20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit
21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit
22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit
23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit
24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit
25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit
26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-9-5 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
923,000 GALLON ABOVEGROUND GASOLINE TANK (FR-6) WITH AN EXTERNAL FLOATING ROOF AND A MATRIX SERVICE RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-6 shall not exceed 8,023,430 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 12.6 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
13. The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
14. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
15. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
16. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit
17. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit
18. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit
19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit
20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit
21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit
22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit
23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit
24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit
25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit
26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit
38. Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit
39. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
40. As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
41. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
42. Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
43. This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit
47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-10-4 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
519,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-7, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-7 shall not exceed 4,512,130 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 11 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
13. The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
14. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
15. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
16. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit
17. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit
18. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit
19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit
20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit
21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit
22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit
23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit
24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit
25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit
26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-11-6 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
370,000 GALLON ABOVEGROUND GASOLINE, DIESEL, JET FUEL, TRANSMIX, AND ETHANOL STORAGE TANK FR-8, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-8 shall not exceed 3,218,570 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 10.2 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
13. The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
14. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
15. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
16. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit
17. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit
18. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit
19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit
20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit
21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit
22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit
23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit
24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit
25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit
26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-12-4 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
925,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-9, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-9 shall not exceed 8,038,030 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 12.6 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit
38. Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit
39. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
40. As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
41. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
42. Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
43. This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit
47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-13-6 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
634,000 GALLON ABOVEGROUND MULTI-PRODUCT (GASOLINE, DIESEL, JET FUEL, & ETHANOL) ORGANIC LIQUID STORAGE TANK FR-10 EQUIPPED WITH APPROVED PRIMARY AND SECONDARY SEALS

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The only organic liquids approved for storage in the internal floating roof tank shall be gasoline, diesel, jet fuel, and ethanol. [District NSR Rule] Federally Enforceable Through Title V Permit
3. True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
4. Tank gauging and sampling devices shall be leak free (as defined in District Rule 4623, 3.17 (amended 5/19/2005)). [District Rule 4623, 5.5.2.1] Federally Enforceable Through Title V Permit
5. Records of monthly organic liquid throughput shall be maintained and shall be made available for District inspection upon request. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit
6. The total annual organic liquid throughput for Tank FR-10 shall not exceed 4,737,700 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Daily VOC emissions shall not exceed 5.42 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
8. The permittee shall comply with recordkeeping requirements in section 6.3 of District Rule 4623 (Amended 5/19/2005) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit
9. Vapor pressure of stored liquids shall be determined as described in section 6.2 of District Rule 4623 (Amended 5/19/2005). [District Rule 4623, 6.2] Federally Enforceable Through Title V Permit
10. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
11. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
12. The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
13. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

14. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
15. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
16. The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
17. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
18. Primary seal envelope surrounding the annular vapor space enclosed by the roof edge, stored liquid surface, shoe and seal fabric shall have no openings, holes or tears. [District Rule 4623, 5.1.3] Federally Enforceable Through Title V Permit
19. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit
20. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
21. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit
22. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit
23. Each roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. [District Rule 4623, 5.1.6] Federally Enforceable Through Title V Permit
24. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be leak free, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-14-5 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
1,145,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-11, EXTERNAL FLOATING ROOF WITH AN HMT SCISSOR SHOE PRIMARY SEAL, AND AN HMT RIM-MOUNTED SECONDARY SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-11 shall not exceed 3,218,570 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 10.2 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

12. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

13. The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit

14. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit

15. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit

16. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit

17. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit

18. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit

19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit

20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit

21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit

22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit

23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit

24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit

25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit

26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

37. Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit
38. Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit
39. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
40. As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
41. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
42. Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
43. This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit
45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit
47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1077-15-4 **EXPIRATION DATE:** 05/31/2016

EQUIPMENT DESCRIPTION:
761,000 GALLON ABOVEGROUND GASOLINE STORAGE TANK FR-12, EXTERNAL FLOATING ROOF WITH AN HMT, INC. RIM-MOUNTED SEAL MADE OF STEEL COMPRESSION PLATES AND RUBBER WIPER TIP.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The total annual gasoline throughput for Tank FR-12 shall not exceed 6,622,560 barrels per year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Daily VOC emissions shall not exceed 12 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall inspect all seals of the floating roof or floating cover at least once a year and shall maintain the seals and vapor control features of the tank in accordance with the manufacturer's recommendations. [District Rule 2520, 9.3] Federally Enforceable Through Title V Permit
5. True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623, 5.1.1] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a floating roof consisting of a pan type that was installed before December 20, 2001, pontoon-type or double-deck-type cover which rests upon the surface of the liquid being stored and is equipped with a closure device between the tank shell and roof edge consisting of a primary and a secondary seal. [District Rule 4623, 5.3.1] Federally Enforceable Through Title V Permit
7. The external floating roof shall float on the surface of the stored liquid at all times (i.e., off the roof leg supports) except during the initial fill until the roof is lifted off the leg supports and when the tank is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on it's legs, the permittee shall notify the APCO in writing at least five calendar days prior to performing the work. The tank must be in compliance with this rule before it may land on its legs. [District Rule 4623, 5.3.1.3] Federally Enforceable Through Title V Permit
8. Gaps between the tank shell and the primary seal shall not exceed 1 1/2 inches. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
9. The cumulative length of all gaps between the tank shell and the primary seal greater than 1/2 inch shall not exceed 10% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
10. The cumulative length of all primary seal gaps greater than 1/8 inch shall not exceed 30% of the circumference of the tank. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit
11. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623, 5.3.2.1.1] Federally Enforceable Through Title V Permit

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12. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
13. The cumulative length of all gaps between the tank shell and the secondary seal, greater than 1/8 inch shall not exceed 5% of the tank circumference. [District Rule 4623, 5.3.2.1.2] Federally Enforceable Through Title V Permit
14. The metallic shoe-type seal shall be installed so that one end of the shoe extends into the stored liquid and the other end extends a minimum vertical distance of 24 inches above the stored liquid surface. [District Rule 4623, 5.3.2.1.3] Federally Enforceable Through Title V Permit
15. The geometry of the metallic-shoe type seal shall be such that the maximum gap between the shoe and the tank shell shall be no greater than 3 inches for a length of at least 18 inches in the vertical plane above the liquid. [District Rule 4623, 5.3.2.1.4] Federally Enforceable Through Title V Permit
16. There shall be no holes, tears, or openings in the secondary seal or in the primary seal envelope that surrounds the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [District Rule 4623, 5.3.2.1.5] Federally Enforceable Through Title V Permit
17. The secondary seal shall allow easy insertion of probes of up to 1 1/2 inches in width in order to measure gaps in the primary seal. [District Rule 4623, 5.3.2.1.6] Federally Enforceable Through Title V Permit
18. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal. [District Rule 4623, 5.3.2.1.7] Federally Enforceable Through Title V Permit
19. All openings in the roof used for sampling and gauging, except pressure-vacuum valves comply with section 5.2, shall provide a projection below the liquid surface to prevent belching of liquid and to prevent entrained or formed organic vapor from escaping from the liquid contents of the tank and shall be equipped with a cover, seal or lid that shall be in a closed position at all times, with no visible gaps and be gas tight, except when the device or appurtenance is in use [District Rule 4623, 5.5.1] Federally Enforceable Through Title V Permit
20. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv, as methane, above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11 and 6.4.8] Federally Enforceable Through Title V Permit
21. Except for automatic bleeder vents, rim vents, and pressure relief vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.2.1] Federally Enforceable Through Title V Permit
22. Except for automatic bleeder vents and rim vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times (i.e., no visible gap) except when in actual use. [District Rule 4623, 5.5.2.2.2] Federally Enforceable Through Title V Permit
23. Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [District Rule 4623, 5.5.2.2.3, 5.5.2.1.3] Federally Enforceable Through Title V Permit
24. Rim vents shall be equipped with a gasket and shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. [District Rule 4623, 5.5.2.2.4] Federally Enforceable Through Title V Permit
25. Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. The fabric cover must be impermeable if the liquid is drained into the contents of the tanks. [District Rule 4623, 5.5.2.2.5] Federally Enforceable Through Title V Permit
26. External floating roof legs shall be equipped with vapor socks or vapor barriers in order to maintain a leak free condition so as to prevent VOC emissions from escaping through the roof leg opening. [District Rule 4623, 5.5.2.2.6] Federally Enforceable Through Title V Permit

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27. All wells and similar fixed projections through the floating roof shall provide a projection below the liquid surface. [District Rule 4623, 5.5.2.3.1] Federally Enforceable Through Title V Permit

28. The solid guidepole well shall be equipped with a pole wiper and a gasketed cover, seal or lid which shall be in a closed position at all times (i.e., no visible gap) except when the well is in use. [District Rule 4623, 5.5.2.3.2] Federally Enforceable Through Title V Permit

29. The gap between the pole wiper and the solid guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/2 inch. [District Rule 4623, 5.5.2.3.3] Federally Enforceable Through Title V Permit

30. The slotted guidepole well on the external floating roof shall be equipped with the following: a sliding cover, a well gasket, a pole sleeve, a pole wiper, and an internal float and float wiper designed to minimize the gap between the float and the well, and provided the gap shall not exceed 1/8 inch; or shall be equipped with a well gasket, a zero gap pole wiper seal and a pole sleeve that projects below the liquid surface. [District Rule 4623, 5.5.2.4.2] Federally Enforceable Through Title V Permit

31. The gap between the pole wiper and the slotted guidepole shall be added to the gaps measured to determine compliance with the secondary seal requirement, and in no case shall exceed 1/8 inch. [District Rule 4623, 5.5.2.4.3] Federally Enforceable Through Title V Permit

32. The permittee shall make the primary seal envelope available for unobstructed inspection by the APCO on an annual basis at locations selected along its circumference at random by the APCO. In the case of riveted tanks with toroid-type seals, a minimum of eight locations shall be made available; in all other cases, a minimum of four locations shall be made available. If the APCO suspects a violation may exist the APCO may require such further unobstructed inspection of the primary seal as may be necessary to determine the seal condition for its entire circumference. [District Rule 4623, 6.1.1] Federally Enforceable Through Title V Permit

33. The permittee shall inspect this floating roof tank at least once every 12 months to determine compliance with the requirements of this rule. The actual gap measurements of the floating roof primary and secondary seals shall be recorded. The inspection results shall be submitted to the APCO as specified in Section 6.3.5. [District Rule 4623, 6.1.3.1] Federally Enforceable Through Title V Permit

34. The permittee shall inspect the primary and secondary seals for compliance with the requirements of Rule 4623 every time this tank is emptied or degassed. Actual gap measurements shall be performed when the liquid level is static but not more than 24 hours after the tank roof is re-floated. [District Rule 4623, 6.1.3.2] Federally Enforceable Through Title V Permit

35. The permittee shall submit the reports of the floating roof tank inspections to the APCO within five calendar days after the completion of the inspection only for those tanks that failed to meet the applicable requirements of Rule 4623, Sections 5.2 through 5.5. The inspection report for tanks that that have been determined to be in compliance with the requirements of Sections 5.2 through 5.5 need not be submitted to the APCO, but the inspection report shall be kept on-site and made available upon request by the APCO. The inspection report shall contain all information necessary to demonstrate compliance with the provisions of this rule, including the following: 1) Date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Measurements of the gaps between the tank shell and primary and secondary seals. 4) Gas-tight status of the tank and floating roof deck fittings. Records of the gas-tight status shall include the vapor concentration values measured in parts per million by volume (ppmv). 5) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.3, 5.5.2.3.3, 5.5.2.4.2, and 5.5.2.4.3 of Rule 4623. 6) Any corrective actions or repairs performed on the tank in order to comply with rule 4623 and the date(s) such actions were taken. [District Rule 4623, 6.3.5] Federally Enforceable Through Title V Permit

36. Permittee shall maintain the records of the external floating roof landing activities that are performed pursuant to Rule 4623, Sections 5.3.1.3 and 5.4.3. The records shall include information on the True Vapor pressure (TVP), API gravity, storage temperature, type of organic liquid stored in the tank, the purpose of landing the roof on its legs, the date of roof landing, duration the roof was on its legs, the level or height at which the tank roof was set to land on its legs, and the lowest liquid level in the tank. [District Rule 4623, 6.3.7] Federally Enforceable Through Title V Permit

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37. Maximum true vapor pressure may be determined from nomographs contained in API Bulletin 2517, by using the typical Reid vapor pressure and the maximum expected storage temperature of the stored product, unless the APCO specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s). Operator shall maintain a record of the petroleum liquid stored and the maximum true vapor pressure of that liquid during the period of storage. [40 CFR 60.113(a) and (b)] Federally Enforceable Through Title V Permit

38. Operator shall determine the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 2.0 psia or whose physical properties preclude determination by the recommended method from available data and record if the true vapor pressure is greater than 1.0 psia. [40 CFR 60.113(c)] Federally Enforceable Through Title V Permit

39. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

40. As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

41. The operator of a fixed roof tank shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

42. Compliance with permit conditions in the Title V permit shall be deemed compliance with 40 CFR 60 Subpart K and District Rule 4623 (Amended December 20, 2001). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

43. This unit commenced construction, modification, or reconstruction prior to May 19, 1978. Therefore, the requirements of 40 CFR 60 Subpart Ka and Kb do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

44. Records of monthly gasoline throughput and annual throughput based on a rolling 12-month basis shall be maintained and shall be made available upon District request. [District Rule 2520, 9.3 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

45. The permittee shall comply with recordkeeping requirements in section 6.3.1 of District Rule 4623 (amended 5/19/05) including recording type of liquid stored, storage temperature, and reid vapor pressure. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

46. Vapor pressure of stored liquids shall be determined as described in section 6.4 of District Rule 4623 (amended 5/19/05). [District Rule 4623. 6.2] Federally Enforceable Through Title V Permit

47. Daily emissions will be determined based on using monthly throughput data and number of days per month. [District Rule 2520, 9.4] Federally Enforceable Through Title V Permit