



JAN 16 2013

Brooks Neighbors
Tesoro Logistics Operations LLC
19100 Ridgewood Parkway
San Antonio, TX 78259

Re: Notice of Significant Title V Permit Modification
District Facility # N-845
Project # N-1123734

Dear Mr. Neighbors:

Enclosed for you to review is the District's analysis of an application for significant Title V permit modification for the facility identified above. Tesoro Logistics Operations LLC is proposing a Title V significant permit modification to incorporate the recently issued N-845-6-3, N-845-10-2, N-845-22-3, and N-845-24-0 into the Title V operating permit (see enclosures). This project is to modify the existing loading rack (N-845-6), replace the existing vapor recovery system (VRS) (N-845-22), reroute the vapors path of tank #420 (N-845-10) from the existing VRS to the new VRS, and install a new gasoline storage tank.

Enclosed are the current Title V permit, recently issued N-845-6-3, N-845-10-2, N-845-22-3, and N-845-24-0, proposed modified Title V permit, engineering evaluation, and application. The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 30-day comment period that begins on the date you receive this letter.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Rupi Gill, Permit Services Manager, at (209) 557-6400.

Sincerely,

David Warner
Director of Permit Services

DW:WMS/st

Enclosures

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061
www.valleyair.org www.healthyairliving.com

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



JAN 16 2013

Gerardo C. Rios, Chief
Permits Office
Air Division
U.S. EPA - Region IX
75 Hawthorne St.
San Francisco, CA 94105

**Re: Notice of Significant Title V Permit Modification
District Facility # N-845
Project # N-1123734**

Dear Mr. Rios:

Enclosed for you to review is the District's analysis of an application for significant Title V permit modification for the facility identified above. Tesoro Logistics Operations LLC is proposing a Title V significant permit modification to incorporate the recently issued N-845-6-3, N-845-10-2, N-845-22-3, and N-845-24-0 into the Title V operating permit (see enclosures). This project is to modify the existing loading rack (N-845-6), replace the existing vapor recovery system (VRS) (N-845-22), reroute the vapors path of tank #420 (N-845-10) from the existing VRS to the new VRS, and install a new gasoline storage tank.

Enclosed are the current Title V permit, recently issued N-845-6-3, N-845-10-2, N-845-22-3, and N-845-24-0, proposed modified Title V permit, engineering evaluation, and application. The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 45-day comment period that begins on the date you receive this letter.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Rupi Gill, Permit Services Manager, at (209) 557-6400.

Sincerely,

David Warner
Director of Permit Services

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JAN 16 2013

Mike Tollstrup, Chief
Project Assessment Branch
Air Resources Board
P O Box 2815
Sacramento, CA 95812-2815

**Re: Notice of Significant Title V Permit Modification
District Facility # N-845
Project # N-1123734**

Dear Mr. Tollstrup:

Enclosed for you to review is the District's analysis of an application for significant Title V permit modification for the facility identified above. Tesoro Logistics Operations LLC is proposing a Title V significant permit modification to incorporate the recently issued N-845-6-3, N-845-10-2, N-845-22-3, and N-845-24-0 into the Title V operating permit (see enclosures). This project is to modify the existing loading rack (N-845-6), replace the existing vapor recovery system (VRS) (N-845-22), reroute the vapors path of tank #420 (N-845-10) from the existing VRS to the new VRS, and install a new gasoline storage tank.

Enclosed are the current Title V permit, recently issued N-845-6-3, N-845-10-2, N-845-22-3, and N-845-24-0, proposed modified Title V permit, engineering evaluation, and application. The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 30-day comment period that begins on the date you receive this letter.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Rupi Gill, Permit Services Manager, at (209) 557-6400.

Sincerely,

David Warner
Director of Permit Services

DW:WMS/st

Enclosures

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**NOTICE OF PRELIMINARY DECISION
FOR THE PROPOSED SIGNIFICANT MODIFICATION OF
FEDERALLY MANDATED OPERATING PERMIT**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District solicits public comment on the proposed significant modification of the Federally Mandated Operating Permit to Tesoro Logistics Operations LLC for its petroleum bulk terminal located as 3003 Navy Drive in Stockton, California. This project is to modify the existing loading rack (N-845-6), replace the existing vapor recovery system (VRS) (N-845-22), reroute the vapors path of tank #420 (N-845-10) from the existing VRS to the new VRS, and install a new gasoline storage tank.

The District's analysis of the legal and factual basis for this proposed action, project #N-1123734, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the District office at the address below. The emission increases associated with this proposed action will be mitigated by providing sufficient amount of offsets in the form of emission reduction credits. This will be the public's only opportunity to comment on the specific conditions of the modification. If requested by the public, the District will hold a public hearing regarding issuance of this modification. For additional information, please contact Mr. Rupi Gill, Permit Services Manager, at (209) 557-6400. Written comments on the proposed initial permit must be submitted within 30 days of the publication date of this notice to DAVID WARNER, DIRECTOR OF PERMIT SERVICES, SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 4800 ENTERPRISE WAY, MODESTO, CALIFORNIA 95356-8718.

TITLE V APPLICATION REVIEW

Significant Modification
Project #: N-1123734

Engineer: Wai-Man So
Date: January 8, 2013

Facility Number: N-845
Facility Name: Tesoro Logistics Operations, LLC
Mailing Address: 3003 Navy Drive
Stockton, CA 95206

Contact Name: Brooks Neighbors
Phone: (210) 626-6327

Responsible Official: Rick D. Weyen
Title: Vice President, Operations

I. PROPOSAL

Tesoro Logistics Operations LLC (hereafter Tesoro) is proposing a Title V significant permit modification to incorporate the recently issued Authorities to Construct (ATC) N-845-6-3, N-845-10-2, N-845-22-3, and N-845-24-0 under project N-1112963 into the Title V operating permit.

The permitting action for the issuance of ATCs N-845-6-3, -10-2, -22-3, and -24-0 (under project N-1112963) triggered Federal Major Modification, and the project had been gone through public and EPA reviews for NSR purpose. However, these ATCs were issued prior to the issuance of the initial Title V permit to this facility. As such, this project requires another public and EPA reviews for part 70 permit amendment purpose.

The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with the applicable requirements and to provide the legal and factual basis for the proposed revisions.

II. FACILITY LOCATION

Tesoro is located at 3003 Navy Drive in Stockton, California.

III. EQUIPMENT DESCRIPTION

Draft Permits to Operate (PTO's)

N-845-6-5:

BULK LOADING RACK CONSISTING OF EIGHT GASOLINE/DENATURED ETHANOL LOADING ARMS AND EIGHT DIESEL LOADING ARMS SERVED BY THE JOHN ZINK LLC CARBON ADSORPTION VAPOR RECOVERY SYSTEM (N-845-22)

N-845-10-3:

ONE 20,000 GALLON VERTICAL FIXED ROOF VOLATILE ORGANIC LIQUID STORAGE TANK (TK-420) SERVED BY THE JOHN ZINK LLC CARBON ADSORPTION VAPOR RECOVERY SYSTEM (N-845-22)

N-845-22-4:

JOHN ZINK, LLC MODEL #S3-AAD-3-80-80-8 CARBON ADSORPTION VAPOR RECOVERY SYSTEM

N-845-24-1:

ONE 2,321,508 GALLON ABOVEGROUND WELDED INTERNAL FLOATING ROOF GASOLINE STORAGE TANK WITH A MECHANICAL SHOE TYPE PRIMARY SEAL AND A RIM-MOUNTED SECONDARY SEAL

IV. SCOPE OF EPA AND PUBLIC REVIEW

The changes to the Title V permit proposed in this application are considered to be a significant modification per District Rule 2520. Therefore, public review is required.

V. APPLICABLE REQUIREMENTS

District Rule 2520, Federally Mandated Operating Permits (06/21/01)

VI. DESCRIPTION OF PROPOSED MODIFICATIONS

Tesoro is proposing to incorporate Authorities to Construct (ATCs) issued under project N-1112963 into the Title V operation permit. Tesoro has received these ATCs on March 26, 2012 to modify the existing loading rack (N-845-6), replace the existing vapor recovery system (VRS) (N-845-22), reroute the vapor path of tank #420 (N-845-10) from the existing VRS to the new VRS, and install a new

gasoline storage tank. Tesoro confirmed that the modifications authorized under these ATCs have not been fully completed and all equipment should be ready for start-up inspection on March 1, 2013. Copies of these ATCs are enclosed in Appendix B of this document.

In addition, Tesoro requested to include the new gasoline storage tank, permit unit N-845-24 into the Voluntary Tank Preventive Inspection and Maintenance (I&M), and Tank Interior Cleaning Program, as outlined in Table 5, Section 5.7 of District Rule 4623, under this project. Therefore, additional tank I&M conditions #28 thru #43 have been added to the draft PTO N-845-24-1.

Changes to the permit conditions on each ATC are detailed below:

ATC N-845-6-3:

Conditions #1 & #2 require VOC emission reduction credits (ERC) must be surrendered prior to operating equipment under this ATC. Tesoro has surrendered ERC certificates N-997-1 and N-999-1 to fulfill the offset requirements for the implementation of this ATC. The associated ERC Withdrawal Applications have been processed under District's projects N-1123766 and N-1123810 respectively. Therefore, these conditions have been removed and will not be listed on the draft PTO N-845-6-5.

Condition #3 requires this ATC be implemented concurrently with ATC N-845-22-3. As discussed above, equipment under both ATCs N-845-6-3 and N-845-22-3 will be implemented at the same time. Therefore, this condition has been removed and will not be listed on the draft PTO N-845-6-5.

Condition #4 states no air contaminant shall be released into the atmosphere which causes a public nuisance. This condition is listed on the facility-wide permit N-845-0-1 under condition #41. Therefore, this condition has been removed and will not be listed on the draft PTO N-845-6-5.

Condition #8 lists both daily and annual organic liquid throughput limits for this permit unit. This condition has been split into two conditions to enforce the daily and annual throughput, on a rolling 12-month basis, limits separately. The new conditions will be listed as conditions #4 and #5 on the draft PTO N-845-6-5 respectively.

Condition #17 has been revised to ensure and clarify compliance with the requirements of Rule 4624. The revised condition will be listed as condition #14 on the draft PTO N-845-6-5.

Condition #20 has been revised to ensure and clarify compliance with the federal requirements of 40 CFR 63.11089(a). The revised condition will be listed as condition #17 on the draft PTO N-845-6-5.

Condition #26 lists both daily and annual organic liquid throughputs recordkeeping requirements for this permit unit. This condition has been split into two conditions to enforce the daily and annual throughput recordkeeping requirements separately. The new conditions will be listed as conditions #25 and #26 on the draft PTO N-845-6-5 respectively.

In addition, current conditions #15 and #16 listed on the existing Permit to Operate N-845-6-2 have been added into the draft PTO N-845-6-5, and will be listed as conditions #20 and #21 respectively.

ATC N-845-10-2:

Condition #1 requires this ATC be implemented concurrently with ATC N-845-22-3. As discussed above, equipment under both ATCs N-845-10-2 and N-845-22-3 will be implemented at the same time. Therefore, this condition has been removed and will not be listed on the draft PTO N-845-10-3.

Condition #2 states no air contaminant shall be released into the atmosphere which causes a public nuisance. This condition is listed on the facility-wide permit N-845-0-1 under condition #41. Therefore, this condition has been removed and will not be listed on the draft PTO N-845-10-3.

Condition #4 lists both daily and annual organic liquid throughput limits for this permit unit. This condition has been split into two conditions to enforce the daily and annual throughput, on a rolling 12-month basis, limits separately. The new conditions will be listed as conditions #2 and #3 on the draft PTO N-845-10-3 respectively.

Condition #9 has been revised to ensure and clarify compliance with the requirement of Rule 4623. The revised condition will be listed as condition #8 on the draft PTO N-845-10-3.

Condition #29 lists both daily and annual organic liquid throughputs recordkeeping requirements for this permit unit. This condition has been split into two conditions to enforce the daily and annual throughput recordkeeping requirements separately. The new conditions will be listed as conditions #28 and #29 on the draft PTO N-845-10-3 respectively.

ATC N-845-22-3:

Conditions #1 & #2 require VOC emission reduction credits (ERC) must be surrendered prior to operating equipment under this ATC. Tesoro has surrendered ERC certificates N-997-1 and N-999-1 to fulfill the offset requirements for the implementation of this ATC. The associated ERC Withdrawal Applications have been processed under District's projects N-1123766 and N-1123810 respectively. Therefore, these conditions have been removed and will not be listed on the draft PTO N-845-22-4.

Condition #3 requires this ATC be implemented concurrently with ATCs N-845-6-3 and N-845-10-2. As discussed above, equipment under these ATCs N-845-6-3, N-845-10-2, and N-845-22-3 will be implemented at the same time. Therefore, this condition has been removed and will not be listed on the draft PTO N-845-22-4.

Condition #4 requires the manufacturer name and model number of the new vapor recovery system must be established upon implementation of this ATC. The manufacturer name and model number of the new vapor recovery system has been established. Therefore, this condition has been removed and will not be listed on the draft PTO N-845-22-4.

Conditions #5, #6, and #7 specify the exhaust stack parameters of the new vapor recovery system. The applicant confirmed that the new vapor recovery system's exhaust stack will comply with the requirements listed on conditions #5 thru #7. Therefore, these conditions have been removed and will not be listed on the draft PTO N-845-22-4.

Condition #10 states no air contaminant shall be released into the atmosphere which causes a public nuisance. This condition is listed on the facility-wide permit N-845-0-1 under condition #41. Therefore, this condition has been removed and will not be listed on the draft PTO N-845-22-4.

Condition #20 requires source testing to demonstrate compliance with the VOC emission rate and VOC removal efficiency of the new vapor recovery system be conducted within 60 days of initial start-up. Final Permit to Operate will be issued upon the initial source test is completed and demonstrated compliance with the VOC emission rate and VOC removal efficiency as described in the ATC N-845-22-3. Therefore, this condition has been removed and will not be listed on the draft PTO N-845-22-4.

In addition, a new condition #4 has been added into the draft PTO N-845-22-4 to ensure and clarify the requirements of Rule 4624.

ATC N-845-24-1:

Conditions #1 & #2 require VOC emission reduction credits (ERC) must be surrendered prior to operating equipment under this ATC. Tesoro has surrendered ERC certificates N-997-1 and N-999-1 to fulfill the offset requirements for the implementation of this ATC. The associated ERC Withdrawal Applications have been processed under District's projects N-1123766 and N-1123810 respectively. Therefore, these conditions have been removed and will not be listed on the draft PTO N-845-24-1.

Condition #3 states no air contaminant shall be released into the atmosphere which causes a public nuisance. This condition is listed on the facility-wide permit N-845-0-1 under condition #41. Therefore, this condition has been removed and will not be listed on the draft PTO N-845-22-4.

In addition, new conditions #5, #10, and #28 thru #43 have been added into the draft PTO N-845-22-4 to ensure and clarify the requirements of Rule 4623.

Conditions #17, #20 thru #26, #29 thru #33, #35, #38, #39, and #46 have been revised to ensure and clarify compliance with the federal requirements of 40 CFR Part 60 Subpart Kb and 40 CFR Part 63 Subpart BBBB. The revised conditions will be listed as conditions #16, #19 thru #25, #44 thru #48, #50, #53, #54, and #61 on the draft PTO N-845-10-3 respectively.

VII. COMPLIANCE

District Rule 2520, Section 6.0 describes the source's ability to make changes including significant permit modification. This modification does not meet the minor permit modification criteria pursuant to Section 3.20 described as follows.

1. Do not violate requirements of any applicable federally enforceable local or federal requirement;
2. Do not relax monitoring, reporting, or recordkeeping requirements in the permit and are not significant changes in existing monitoring permit terms or conditions;
3. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;
4. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include;
 - a. A federally enforceable emission cap assumed to avoid classification as a modification under any provisions of Title I of the Federal Clean Air Act; and

- b. An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Federal Clean Air Act; and
5. Are not Title I modifications as defined in District Rule 2520 or modifications as defined in section 111 or 112 of the Federal Clean Air Act; and
6. Do not seek to consolidate overlapping applicable requirements.

In accordance with Rule 2520, the application meets the procedural requirements of Section 11.3 by including;

1. The identification of the source, the name and address of the permit holder, the activities and emissions change involved in the permit action;
2. The name and address of the District, the name and telephone number of District staff to contact for additional information;
3. The availability, upon request, of a statement that sets forth the legal and factual basis for the proposed permit conditions;
4. The location where the public may inspect the complete application, the District analysis, the proposed permit, and all relevant supporting materials;
5. A statement that the public may submit written comments regarding the proposed decision within at least 30 days from the date of publication and a brief description of commenting procedures, and
6. A statement that members of the public may request the APCO or his designee to preside over a public hearing for the purpose of receiving oral public comment, if a hearing has not already been scheduled. The APCO shall provide notice of any public hearing scheduled to address the proposed decision at least 30 days prior to such hearing;

In addition, pursuant to 40 CFR Part 64.5(c), if the Title V permit is reopened, the applicable agency may require the submittal of information under this section for those pollutant-specific emissions units that are subject to this part and that are affected by the permit reopening.

Therefore, the units modified under this significant permit modification may subject to Compliance Assurance Monitoring (CAM) requirements pursuant to 40 CFR Part 64, Subpart C.

To be subject to CAM for a particular pollutant, an emissions unit must meet all of the following criteria:

- 1) The unit must have an emission limit for the pollutant.
- 2) The unit must have add-on controls for the pollutant. Catalytic oxidizers, dust collector, and flue gas recirculation (FGR) are examples of add-on controls.
- 3) The unit must have a pre-control potential to emit of greater than the major source thresholds.

N-845-6 (Loading Rack)

This permit unit contains emission limit for VOC (the only pollutant which would be emitted from this unit). This permit unit will be served by an add-on control device, the new carbon adsorption vapor recovery system covered under permit unit N-845-22, and the pre-control potential to emit from this permit unit is greater than the major source threshold of 20,000 pounds of VOC per year (equivalent to 10 tons per year) as determined under engineering evaluation N-1112963. Therefore, this permit unit is subject to CAM requirements.

However, pursuant to §64.2(b)(vi), if the emission unit has continuous emission monitors (CEMS) for the pollutants for which the facility is considered a Major Source, VOC in this case, CAM is not applicable and the equipment is exempt from CAM requirements. This emission unit will be served by the new vapor recovery system, permit unit N-845-22 that has CEMS for VOC emissions. Therefore, this unit is exempt from CAM requirements.

N-845-10 (Controlled Fixed Roof Storage Tank)

This permit unit does contain an emission limit for VOC (the only pollutant which would be emitted from this unit). This permit unit will be served by an add-on control device, the new carbon adsorption vapor recovery system covered under permit unit N-845-22, and the pre-control potential to emit from this permit unit is not greater than the major source threshold of 20,000 pounds of VOC per year (equivalent to 10 tons per year), as determined under engineering evaluation N-1112963. Therefore, this permit unit is not subject to CAM requirements.

N-845-22 (New Vapor Recovery Control System)

The vapor recovery system is not an emission unit. Therefore, this unit is not subject to CAM requirements.

N-845-24 (New Floating Roof Storage Tank)

This permit unit does contain an emission limit for VOC (the only pollutant which would be emitted from this unit), but is not equipped with any add-on control device. Therefore, this unit is not subject to CAM requirements.

Tesoro Logistic Operations LLC
N-845
N-1123734

VIII. ATTACHMENTS

- A. Proposed Modified Title V Operating Permit No.'s N-845-6-5, -10-3, -22-4, and -24-1.
- B. Authorities to Construct No.'s N-845-6-3, -10-2, -22-3, and -24-0
- C. Previous Title V Operating Permit No.'s N-845-6-2, -10-1, and -23-2
- D. Emissions Increases
- E. Application

ATTACHMENT A

Proposed Modified Title V Operating Permit
No.'s
N-845-6-5, -10-3, -22-4, and -24-1

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-845-6-5

EXPIRATION DATE: 07/31/2017

EQUIPMENT DESCRIPTION:

BULK LOADING RACK CONSISTING OF EIGHT GASOLINE/DENATURED ETHANOL LOADING ARMS AND EIGHT DIESEL LOADING ARMS SERVED BY THE CARBON ADSORPTION VAPOR RECOVERY SYSTEM (N-845-22)

PERMIT UNIT REQUIREMENTS

1. {15} 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]
2. Fugitive VOC from components, such as valve, flange, connector, pump seal, etc, associated with this permit unit shall not exceed 621 pounds in any one calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Fugitive VOC emissions from component leaks shall be calculated using component count and appropriate emission factors from "California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities", Table IV-1b (Feb 1999) - Marketing Terminal Average Emission Factors. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The quantity of organic liquids (as defined in District Rule 4624) loaded through this loading rack shall not exceed 771,120 gallons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The quantity of organic liquids (as defined in District Rule 4624) loaded through this loading rack shall not exceed 240,350,000 gallons in any one rolling 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
6. This loading rack shall be equipped with bottom loading equipment and a vapor collection and control system such that VOC emissions shall not exceed 0.08 pounds per 1,000 gallons of organic liquid loaded. [District Rule 4624] Federally Enforceable Through Title V Permit
7. The permittee 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] Federally Enforceable Through Title V Permit
8. 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 (e.g. breakdown of vapor recovery system), the date and cause of the initial failure, the estimated emissions in excess of those allowed including the amount of gasoline loaded during the breakdown period, and the methods utilized to restore normal operations. [District Rule 1100] Federally Enforceable Through Title V Permit
9. All vapors displaced from tank truck loading shall be vented to the vapor recovery system under Permit to Operate N-845-22. [District Rule 2201 and 40 CFR 60.502(a), (f), and (g)] Federally Enforceable Through Title V Permit
10. Gasoline shall be loaded only into vapor-tight tank trucks. [40 CFR 60.502(e) and 40 CFR 63.11088(a)] Federally Enforceable Through Title V Permit
11. The facility shall obtain the vapor tightness documentation specified in 40 CFR Part 60.505(b) for each gasoline tank truck that is to be loaded at the facility. [40 CFR 60.502(e)(1)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: TESORO LOGISTICS OPERATIONS LLC

Location: 3003 NAVY DR, STOCKTON, CA 95206

N-845-6-5; Jan 3 2013 5:13PM - 90W

12. The 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 and 40 CFR 60.502(h)] Federally Enforceable Through Title V Permit
13. All delivery tanks which previously contained organic liquids, including gasoline, with a TVP greater than 1.5 psia at loading conditions shall be filled only at Class 1 loading facilities using bottom loading equipment with a vapor collection and control system operating such that VOC emissions do not exceed 0.08 pounds per 1,000 gallons of organic liquid loaded and which operate so the delivery tank does not exceed 18 inches water column pressure nor 6 inches water column vacuum. [District Rule 4624] Federally Enforceable Through Title V Permit
14. The vapor collection system, the vapor processing system, and each transfer rack handling organic liquids shall be tested for leaks with a portable hydrocarbon analyzer in accordance with EPA Method 21, at least once every calendar quarter. [District Rule 4624] Federally Enforceable Through Title V Permit
15. The transfer rack and vapor collection equipment shall be installed, maintained, and operated such that there are no leaks and no excess organic liquid drainage at disconnections. A leak is 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 potential source in accordance with EPA Method 21. Excess organic liquid drainage is defined as an average of more than 10 milliliters liquid drainage per disconnect from three consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit
16. The equipment that are found leaking shall be repaired or replaced within 72 hours after detecting the leakage. 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
17. Each calendar month, the vapor collection system, the vapor processing system and each loading rack handling gasoline, and all equipment in gasoline service shall be inspected during the loading of gasoline tank trucks for organic liquid and organic vapor leaks. Equipment in gasoline service is defined as a piece of equipment used in a system that transfers gasoline or gasoline vapors. For the purpose of this condition, detection methods incorporating sight, sound and smell are acceptable. [40 CFR 60.502(j) and 40 CFR 63.11089(a)] Federally Enforceable Through Title V Permit
18. The permittee 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
19. For monthly leak inspection, a log book shall be used and shall be signed by the operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. [40 CFR 63.11089(b) and 40 CFR 63.11094(d)] Federally Enforceable Through Title V Permit
20. Each calendar month, liquid drainage at disconnect of each loading arm shall be determined, and appropriate action shall be taken in case excess liquid drainage occurs from any 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, 9.3.3] Federally Enforceable Through Title V Permit
21. Liquid 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 minute of collection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
22. Documentation attesting to the vapor tightness of each truck loaded with gasoline shall be kept. The documentation file for each tank truck shall be updated at least once per year to reflect the current test results as determined by EPA Method 27. [40 CFR 60.505(a) and (b), and 40 CFR 63.11094(b)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

23. The permittee shall submit a semi-annual compliance report that includes each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility. [40 CFR 63.11088(f) and 40 CFR 63.11095(a)(2)] Federally Enforceable Through Title V Permit
24. The permittee shall maintain a log book that contains the following information: 1.) dates of leak inspections, 2.) the nature of the leak and the method of detection; 3.) findings, 4.) corrective action (date each leak is repaired), 5.) repair methods applied in each attempt to repair the leak; 6.) the reason for the delay if the leak is not repaired within 3 calendar days after discovery of the leak; 7.) the date of successful repair of the leak; and 8.) inspector name and signature. [District Rule 4624, 40 CFR 60.505(c), 40 CFR 63.11089(g), and 40 CFR 63.11094(e)] Federally Enforceable Through Title V Permit
25. The permittee shall keep a record of the daily organic liquids throughput, in gallons. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit
26. The permittee shall keep a record of the cumulative organic liquids throughput on a rolling 12-month basis, in gallons. The record shall be updated at least monthly. [District Rule 2201] Federally Enforceable Through Title V Permit
27. All records shall be maintained on site for a period of at least five years and shall be made available for District, ARB, and EPA inspection upon request. [District Rules 1070, 2201, 4624, and 40 CFR 63.11094(a)] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

DRAFT

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-845-10-3

EXPIRATION DATE: 07/31/2017

EQUIPMENT DESCRIPTION:

ONE 20,000 GALLON VERTICAL FIXED ROOF VOLATILE ORGANIC LIQUID STORAGE TANK (TK-420) SERVED BY THE JOHN ZINK LLC CARBON ADSORPTION VAPOR RECOVERY SYSTEM (N-845-22)

PERMIT UNIT REQUIREMENTS

1. {15} 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]
2. The quantity of organic liquids (as defined in District Rule 4623) processed through this tank shall not exceed 800 gallons in any one day (on an annual average basis). [District Rule 2201] Federally Enforceable Through Title V Permit
3. The quantity of organic liquids (as defined in District Rule 4623) processed through this tank shall not exceed 197,820 gallons in any one rolling 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Gasoline (as defined in 40 CFR Part 63.11100) shall not be stored in this tank. [District Rule 2201] Federally Enforceable Through Title V Permit
5. All piping, valves, and fittings shall be constructed and maintained in a leak-free condition. [District Rule 4623] Federally Enforceable Through Title V Permit
6. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a leak-free cover which shall be closed at all times except during gauging or sampling. [District Rule 4623] Federally Enforceable Through Title V Permit
7. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank, and a VOC control device. This tank shall be served by the vapor recovery system under Permit to Operate N-845-22. The vapor recovery system shall be maintained in gas-tight condition. The VOC control device shall be an approved VOC recovery device that reduces the inlet VOC emissions by at least 99% by weight as determined by the test method specified in Section 6.4.6 of District Rule 4623. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
8. 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 parts per million by volume (ppmv), as methane, above background on a portable hydrocarbon detection instrument that is calibrated with methane in accordance with the procedures specified in EPA Method 21. A liquid leak is defined as the dripping of organic liquid at a rate of more than 3 drops per minute. A reading in excess to 10,000 ppmv, as methane, above background, or dripping of organic liquid at a rate of more than 3 drops per minute, 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
9. Operator shall visually inspect tank shell, hatches, seals, seams, cable seals, valves, flanges, connectors, and any other piping components directly affixed to the tank and within five feet of the tank at least once per year for liquid leaks, and with a portable hydrocarbon detection instrument conducted in accordance with EPA Method 21 for gas leaks. Operator shall also visually or ultrasonically inspect as appropriate, the external shells and roofs of uninsulated tanks for structural integrity annually. [District Rule 4623] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

10. Upon detection of a liquid leak, defined as a leak rate of greater than or equal to 30 drops per minute, operator shall repair the leak within 8 hours. For leaks with a liquid leak rate of between 3 and 30 drops per minute, the leaking component shall be repaired within 24 hours after detection. [District Rule 4623] Federally Enforceable Through Title V Permit
11. Upon detection of a gas leak, defined as a VOC concentration of greater than 10,000 ppmv measured in accordance with EPA Method 21 by a portable hydrocarbon detection instrument that is calibrated with methane, operator shall take one of the following actions: 1) eliminate the leak within 8 hours after detection; or 2) if the leak cannot be eliminated, then minimize the leak to the lowest possible level within 8 hours after detection by using best maintenance practices, and eliminate the leak within 48 hours after minimization. In no event shall the total time to minimize and eliminate a leak exceed 56 hours after detection. [District Rule 4623] Federally Enforceable Through Title V Permit
12. Components found to be leaking either liquids or gases shall be immediately affixed with a tag showing the component to be leaking. Operator shall maintain records of the liquid or gas leak detection readings, date/time the leak was discovered, and date/time the component was repaired to a leak-free condition. [District Rule 4623] Federally Enforceable Through Title V Permit
13. Leaking components that have been discovered by the operator that have been immediately tagged and repaired within the timeframes specified in District Rule 4623, Table 3 shall not constitute a violation of this rule. Leaking components as defined by District Rule 4623 discovered by District staff that were not previously identified and/or tagged by the operator, and/or any leaks that were not repaired within the timeframes specified in District Rule 4623, Table 3 shall constitute a violation of this rule. [District Rule 4623] Federally Enforceable Through Title V Permit
14. If a component type for a given tank is found to leak during an annual inspection, operator shall conduct quarterly inspections of that component type on the tank or tank system for four consecutive quarters. If no components are found to leak after four consecutive quarters, the operator may revert to annual inspections. [District Rule 4623] Federally Enforceable Through Title V Permit
15. Any component found to be leaking on two consecutive annual inspections is in violation of this rule, even if covered under the voluntary inspection and maintenance program. [District Rule 4623] Federally Enforceable Through Title V Permit
16. The control efficiency of the vapor recovery system under Permit to Operate N-845-22, measured and calculated as carbon, shall be determined by US EPA Method 25, except when the outlet concentration must be below 50 ppm in order to meet the standard, in which case US EPA Method 25a may be used. US EPA Method 18 may be used in lieu of US EPA Method 25 or US EPA Method 25A provided the identity and approximate concentrations of the analyses/compounds in the sample gas stream are known before analysis with the gas chromatograph and the gas chromatograph is calibrated for each of the known analytes/compounds to ensure that the VOC concentrations are neither under- or over-reported. Analysis of halogenated exempt compounds shall be analyzed by ARB Method 422 "Exempt Halogenated VOCs in Gases September 12, 1990". [District Rule 4623] Federally Enforceable Through Title V Permit
17. The permittee shall notify the APCO in writing at least three (3) days prior to performing tank degassing and interior tank cleaning activities. Written notification shall include the following: 1) the Permit to Operate number and physical location of the tank being degassed, 2) the date and time that tank degassing and cleaning activities will begin, 3) the degassing method, as allowed in this permit, to be used, 4) the method to be used to clean the tank, including any solvents to be used, and 5) the method to be used to dispose of any removed sludge, including methods that will be used to control emissions from the receiving vessel and emissions during transport. [District Rule 4623] Federally Enforceable Through Title V Permit

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

18. This tank shall be degassed before commencing interior cleaning by following one of the following options: 1) exhausting VOCs contained in the tank vapor space to the vapor recovery system under Permit to Operate N-845-22 until the organic vapor concentration is 5,000 ppmv or less, or is 10 percent or less of the lower explosion limit (LEL), whichever is less, or 2) by displacing VOCs contained in the tank vapor space to the vapor recovery system under Permit to Operate N-845-22 by filling the tank with a suitable liquid until 90 percent or more of the maximum operating level of the tank is filled. Suitable liquids are organic liquids having a TVP of less than 0.5 psia, water, clean produced water, or produced water derived from crude oil having a TVP less than 0.5 psia, or 3) by displacing VOCs contained in the tank vapor space to the vapor recovery system under Permit to Operate N-845-22 by filling the tank with a suitable gas. Degassing shall continue until the operator has achieved a vapor displacement equivalent to at least 2.3 times the tank capacity. Suitable gases are air, nitrogen, carbon dioxide, or natural gas containing less than 10 percent VOC by weight. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
19. During tank degassing, the operator shall discharge or displace organic vapors contained in the tank vapor space to an APCO-approved vapor recovery system. [District Rule 4623] Federally Enforceable Through Title V Permit
20. This tank shall be in compliance with the applicable requirements of District Rule 4623 at all times during draining, degassing, and refilling the tank with an organic liquid having a TVP of 0.5 psia or greater. [District Rule 4623] Federally Enforceable Through Title V Permit
21. After a tank has been degassed pursuant to the requirements of this permit, vapor control requirements are not applicable until an organic liquid having a TVP of 0.5 psia or greater is placed, held, or stored in this tank. [District Rule 4623] Federally Enforceable Through Title V Permit
22. While performing tank cleaning activities, the operators may only use the following cleaning agents: water and clean (produced) water, diesel, solvents with an initial boiling point of greater than 302 degrees F, solvents with a vapor pressure of less than 0.5 psia, or solvents with 50 grams of VOC per liter or less. [District Rule 4623] Federally Enforceable Through Title V Permit
23. Steam cleaning shall only be allowed at locations where wastewater treatment facilities are limited, or during the months of December through March. [District Rule 4623] Federally Enforceable Through Title V Permit
24. During sludge removal from tanks containing organic liquids with a true vapor pressure of 1.5 psia or greater, the operator shall vent emissions from the sludge receiving vessel to the vapor recovery system under Permit to Operate N-845-22. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
25. The operator shall only transport removed sludge from tanks containing organic liquids with a true vapor pressure of 1.5 psia or greater, in closed, liquid leak-free containers. [District Rule 4623] Federally Enforceable Through Title V Permit
26. The operator shall store removed sludge from tanks containing organic liquids with a true vapor pressure of 1.5 psia or greater, until final disposal, in vapor leak-free containers, or in tanks complying with the vapor control requirements of District Rule 4623. Sludge that is to be used to manufacture roadmix, as defined in District Rule 2020, is not required to be stored in this manner. Roadmix manufacturing operations exempt pursuant to District Rule 2020 shall maintain documentation of their compliance with Rule 2020, and shall readily make said documentation available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit
27. The permittee 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 8 hours after detection. [District Rule 4623] Federally Enforceable Through Title V Permit
28. The permittee shall keep a record of the daily organic liquids throughput, in gallons. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
29. The permittee shall keep a record of the cumulative organic liquids throughput on a rolling 12-month basis, in gallons. The record shall be updated at least monthly. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit

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

30. All records shall be maintained on site for a period of at least five years and shall be made available for District, ARB, and EPA inspection upon request. [District Rules 1070, 2201, and 4623] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-845-22-4

EXPIRATION DATE: 07/31/2017

EQUIPMENT DESCRIPTION:

JOHN ZINK, LLC MODEL #S3-AAD-3-80-80-8 CARBON ADSORPTION VAPOR RECOVERY SYSTEM

PERMIT UNIT REQUIREMENTS

1. The 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 operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100] 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 (e.g. breakdown of vapor recovery system), the date and cause of the initial failure, the estimated emissions in excess of those allowed including the amount of gasoline loaded during the breakdown period, and the methods utilized to restore normal operations. [District Rule 1100] Federally Enforceable Through Title V Permit
3. {15} 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]
4. This loading rack shall be equipped with bottom loading equipment and a vapor collection and control system such that VOC emissions shall not exceed 0.08 pounds per 1,000 gallons of organic liquid loaded. [District Rule 4624] Federally Enforceable Through Title V Permit
5. The VOC removal efficiency shall be at least 99% and all organic liquids loading shall be conducted utilizing bottom loading and dry-break couplers. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The 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 and 40 CFR 60.502(h)] Federally Enforceable Through Title V Permit
7. The vapor collection system, the vapor processing system, and each transfer rack handling organic liquids shall be tested for leaks, using EPA Method 21, at least once every calendar quarter. [District Rule 4624] Federally Enforceable Through Title V Permit
8. The transfer rack and vapor collection equipment shall be installed, maintained, and operated such that there are no leaks and no excess organic liquid drainage at disconnections. A leak is 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 potential source in accordance with EPA Method 21. Excess organic liquid drainage is defined as an average of more than 10 milliliters liquid drainage per disconnect from three consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit
9. The equipment that are found leaking shall be repair or replaced within 72 hours after detecting the leakage. 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
These terms and conditions are part of the Facility-wide Permit to Operate.

10. Each calendar month, the vapor collection system, the vapor processing system and each loading rack handling gasoline shall be inspected during the loading of "product" tank trucks for organic liquid and organic vapor leaks. For the purpose of this condition, "product" means gasoline, denatured ethanol, additives, and/or product blended with any of the following: gasoline, denatured ethanol, and additives; and the detection methods incorporating sight, sound and smell are acceptable. [40 CFR 60.502(j) and 40 CFR 63.11089(a)] Federally Enforceable Through Title V Permit
11. The permittee 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
12. During source testing, the loading rack's vapor collection and control system shall be tested at every loading position 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 vapor collection and control system at a pressure tap as close as possible to the connection with the "product" tank truck. For the purpose of this condition, "product" means gasoline, denatured ethanol, additives, and/or product blended with any of the following: gasoline, denatured ethanol, and additives. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. [40 CFR 60.503(d)] Federally Enforceable Through Title V Permit
13. Source testing to demonstrate compliance with the VOC emission rate from the vapor recovery system serving the loading rack under Permit to Operate N-845-6, and the VOC removal efficiency of the vapor recovery system shall be conducted once every 60 months, but no more than 30 days before or after initial source test anniversary date. [District Rule 4624] Federally Enforceable Through Title V Permit
14. 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
15. Source testing shall be conducted using methods and procedures approved by District. The District must be notified 30 days prior to any compliance source testing and a pretest plan outlining the test methods and procedures shall be submitted for the District approval no later than 15 days prior to each test. [District Rule 1081] Federally Enforceable Through Title V Permit
16. Source testing shall be witnessed or authorized by District Personnel and samples shall be collected and analyzed by a California Air Resources Board (CARB) certified testing laboratory or a CARB certified source testing company. [District Rule 1081] Federally Enforceable Through Title V Permit
17. VOC emissions for source test purpose shall be determined using 40 CFR Part 60.503 "Test Methods and Procedures" and EPA Methods 2A, 2B, 25A and 25B, and ARB Method 422, or ARB Test Procedure TP-203.1. [District Rule 4624 and 40 CFR 63.11092(a)(1)] Federally Enforceable Through Title V Permit
18. Source testing for VOC removal efficiency shall be conducted utilizing EPA Method 18, EPA Method 25A or CARB Method 100. Alternative methods may be utilized provided they are previously approved by the District, in writing. [District Rule 2201] Federally Enforceable Through Title V Permit
19. 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
20. The permittee shall install, calibrate, certify, maintain, and quality-assure a Continuous Emissions Monitoring System (CEMS) which continuously measures and records the VOCs (and other parameters, if any, to determine compliance with lb-VOC/1,000 gallon of organic liquid) while organic liquid vapors are displaced to this vapor recovery system. The CEMS shall be installed in the exhaust air stream. [40 CFR 63.11092(b)] Federally Enforceable Through Title V Permit
21. The permittee shall document the reasons for any change to the operating parameter established during initial performance testing. [40 CFR 63.11092(c)] Federally Enforceable Through Title V Permit

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

22. The CEMS for measuring emissions other than opacity shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period, or shall meet equivalent specifications established by mutual agreement of the District, the CARB and the EPA. [40 CFR 63.8(c)(4)(ii)] Federally Enforceable Through Title V Permit
23. The CEMS shall meet the requirements in 40 CFR Part 60 Appendix B Performance Specification 8 (PS 8) or 8A (PS 8A), as appropriate, or shall meet equivalent specifications established by mutual agreement of the District, the CARB, and the EPA. [40 CFR 63.8(a)(2)] Federally Enforceable Through Title V Permit
24. The CEMS must be audited at least once every six months by conducting cylinder gas audits (CGA) using the procedure in 40 CFR Part 60 Appendix F, 5.1.2. Audit reports shall be submitted along with semi-annual compliance reports to the District, the CARB, and the EPA. [40 CFR 63.8(e)] Federally Enforceable Through Title V Permit
25. The CEMS data shall be reduced to hourly averages as specified in 40 CFR Part 63.8(g), or by other methods deemed equivalent by mutual agreement with the District, the CARB, and the EPA. [40 CFR 63.8(g)] Federally Enforceable Through Title V Permit
26. The permittee shall maintain files of all information (including all reports and notification) required by this part recorded in a form suitable and readily available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. [40 CFR 63.10] Federally Enforceable Through Title V Permit
27. The permittee shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. The report shall include all applicable information specified in 40 CFR Part 63.11095 (b)(1) through (5). [40 CFR 63.11095(b)] Federally Enforceable Through Title V Permit
28. APCO or an authorized representative shall be allowed to inspect, as determined to be necessary, the required monitoring devices to ensure that such devices are functioning properly. [District Rule 1080] Federally Enforceable Through Title V Permit
29. For monthly leak inspection, a log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. [40 CFR 63.11089(b) and 40 CFR 63.11094(d)] Federally Enforceable Through Title V Permit
30. Documentation attesting to the vapor tightness of each truck loaded with gasoline shall be kept. The documentation file for each tank truck shall be updated at least once per year to reflect the current test results as determined by EPA method 27. [40 CFR 60.505(a) and (b), and 40 CFR 63.11094(b)] Federally Enforceable Through Title V Permit
31. The permittee shall submit a semi-annual compliance report that includes each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility. [40 CFR 63.11088(f) and 40 CFR 63.11095(a)(2)] Federally Enforceable Through Title V Permit
32. The permittee shall maintain a log book that contains the following information: 1.) dates of leak inspections, 2.) the nature of the leak and the method of detection; 3.) findings, 4.) corrective action (date each leak is repaired), 5.) repair methods applied in each attempt to repair the leak; 6.) the reason for the delay if the leak is not repaired within 3 calendar days after discovery of the leak; 6.) the date of successful repair of the leak; and 8.) inspector name and signature. [District Rule 4624, 40 CFR 60.505(c), 40 CFR 63.11089(g), and 40 CFR 63.11094(e)] Federally Enforceable Through Title V Permit
33. All records shall be maintained on site for a period of at least five years and shall be made available for District, ARB, and EPA inspection upon request. [District Rules 1070, 2201, 4624, and 40 CFR 60.505, and 40 CFR 63.11094(a)] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-845-24-1

EXPIRATION DATE: 07/31/2017

EQUIPMENT DESCRIPTION:

ONE 2,321,508 GALLON ABOVEGROUND WELDED INTERNAL FLOATING ROOF GASOLINE STORAGE TANK WITH A MECHANICAL SHOE TYPE PRIMARY SEAL AND A RIM-MOUNTED SECONDARY SEAL

PERMIT UNIT REQUIREMENTS

1. VOC emissions from this tank shall not exceed 11.4 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Fugitive VOC from components, such as valve, flange, connector, pump seal, etc, associated with this permit unit shall not exceed 15 pounds in any one calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Fugitive VOC emissions from component leaks shall be calculated using component count and appropriate emission factors from "California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities", Table IV-1b (Feb 1999) - Marketing Terminal Average Emission Factors. [District Rule 2201] 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] Federally Enforceable Through Title V Permit
5. True vapor pressure of the organic liquid stored shall be less than 11 psia. [District Rule 4623] 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] 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] 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. The cumulative length 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] 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
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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

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. The internal floating roof shall be floating 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 processes of filling or emptying and refilling shall be continuous and shall be accomplished as rapidly as possible. Whenever the permittee intends to land the roof on its 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 the roof on its legs. [District Rule 4623, 40 CFR 60.112b(a)(1)(i), 40 CFR 63.11087(a)] Federally Enforceable Through Title V Permit
17. 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 gas tight, 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 or liquid leak. A gas leak is defined as a reading in excess of 10,000 ppmv as methane, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A liquid leak is defined as a dripping rate of more than three drops per minute. A reading in excess of 10,000 ppmv as methane above background or a liquid leak of greater than three drops per minute 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, 40 CFR 60.112b(a)(1)(iii), and 40 CFR 63.11087(a)] 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 shall be equipped with a cover, or a lid shall be maintained in a closed position at all times (i.e. no visible gaps) except when the device is in use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted in place except when they are in use. [District Rule 4623, 40 CFR 60.112b(a)(1)(iv), and 40 CFR 63.11087(a)] 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 leg roof supports. [District Rule 4623, 40 CFR 60.112b(a)(1)(v), and 40 CFR 63.11087(a)] Federally Enforceable Through Title V Permit
22. Rim vents shall be equipped with a gasket and shall be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [District Rule 4623, 40 CFR 60.112b(a)(1)(vi), and 40 CFR 63.11087(a)] 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 percent of the opening. The fabric cover must be impermeable. [District Rule 4623, 40 CFR 60.112b(a)(1)(vii), and 40 CFR 63.11087(a)] Federally Enforceable Through Title V Permit
24. Each penetration of the internal floating roof that allows for the 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, 40 CFR 60.112b(a)(1)(viii), and 40 CFR 63.11087(a)] Federally Enforceable Through Title V Permit
25. Each penetration of the internal floating roof that allows for the passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(ix) and 40 CFR 63.11087(a)] Federally Enforceable Through Title V Permit
26. All slotted sampling or gauging wells shall provide a projection below the liquid surface. [District Rule 4623] Federally Enforceable Through Title V Permit

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

27. 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 one-eighth inch. [District Rule 4623] Federally Enforceable Through Title V Permit
28. Operator shall visually inspect tank shell, hatches, seals, seams, cable seals, valves, flanges, connectors, and any other piping components directly affixed to the tank and within five feet of the tank at least once per year for liquid leaks, and with a portable hydrocarbon detection instrument conducted in accordance with EPA Method 21 for gas leaks. Operator shall also visually inspect the external shells and roofs of uninsulated tanks for structural integrity annually. [District Rule 4623] Federally Enforceable Through Title V Permit
29. Upon detection of a liquid leak, defined as a leak rate of greater than or equal to 30 drops per minute, operator shall repair the leak within 8 hours. For leaks with a liquid leak rate of between 3 and 30 drops per minute, the leaking component shall be repaired within 24 hours after detection. [District Rule 4623] Federally Enforceable Through Title V Permit
30. Upon detection of a gas leak, defined as a VOC concentration of greater than 10,000 ppmv measured in accordance with EPA Method 21, operator shall take one of the following actions: 1) eliminate the leak within 8 hours after detection; or 2) if the leak cannot be eliminated, then minimize the leak to the lowest possible level within 8 hours after detection by using best maintenance practices, and eliminate the leak within 48 hours after minimization. In no event shall the total time to minimize and eliminate a leak exceed 56 hours after detection. [District Rule 4623] Federally Enforceable Through Title V Permit
31. Components found to be leaking either liquids or gases shall be immediately affixed with a tag showing the component to be leaking. Operator shall maintain records of the liquid or gas leak detection readings, date/time the leak was discovered, and date/time the component was repaired to a leak-free condition. [District Rule 4623] Federally Enforceable Through Title V Permit
32. Leaking components that have been discovered by the operator that have been immediately tagged and repaired within the timeframes specified in District Rule 4623, Table 3 shall not constitute a violation of this rule. Leaking components as defined by District Rule 4623 discovered by District staff that were not previously identified and/or tagged by the operator, and/or any leaks that were not repaired within the timeframes specified in District Rule 4623, Table 5 shall constitute a violation of this rule. [District Rule 4623] Federally Enforceable Through Title V Permit
33. If a component type for a given tank is found to leak during an annual inspection, operator shall conduct quarterly inspections of that component type on the tank or tank system for four consecutive quarters. If no components are found to leak after four consecutive quarters, the operator may revert to annual inspections. [District Rule 4623] Federally Enforceable Through Title V Permit
34. Any component found to be leaking on two consecutive annual inspections is in violation of this rule, even if covered under the voluntary inspection and maintenance program. [District Rule 4623] Federally Enforceable Through Title V Permit
35. The permittee shall notify the APCO in writing at least three (3) days prior to performing tank degassing and interior tank cleaning activities. Written notification shall include the following: 1) the Permit to Operate number and physical location of the tank being degassed, 2) the date and time that tank degassing and cleaning activities will begin, 3) the degassing method, as allowed in this permit, to be used, 4) the method to be used to clean the tank, including any solvents to be used, and 5) the method to be used to dispose of any removed sludge, including methods that will be used to control emissions from the receiving vessel and emissions during transport. [District Rule 4623] Federally Enforceable Through Title V Permit
36. During tank cleaning operations, draining and refilling of this tank shall occur as a continuous process and shall proceed as rapidly as practicable while the roof is not floating on the surface of the stored liquid. [District Rule 4623] Federally Enforceable Through Title V Permit
37. Gap seal requirements shall not apply while the roof is resting on its legs, and during the processes of draining, degassing, or refilling the tank. A leak-free condition will not be required if the operator is draining or refilling this tank in a continuous, expeditious manner. [District Rule 4623] Federally Enforceable Through Title V Permit

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

38. After a tank has been degassed pursuant to the requirements of this permit, vapor control requirements are not applicable until an organic liquid having a TVP of 0.5 psia or greater is placed, held, or stored in this tank. [District Rule 4623] Federally Enforceable Through Title V Permit
39. While performing tank cleaning activities, operators may only use the following cleaning agents: diesel, solvents with an initial boiling point of greater than 302 degrees F, solvents with a vapor pressure of less than 0.5 psia, or solvents with 50 grams of VOC per liter or less. [District Rule 4623] Federally Enforceable Through Title V Permit
40. Steam cleaning shall only be allowed at locations where wastewater treatment facilities are limited, or during the months of December through March. [District Rule 4623] Federally Enforceable Through Title V Permit
41. During sludge removal, the operator shall control emissions from the sludge receiving vessel by operating an APCO-approved vapor control device that reduces emissions of organic vapors by at least 95%. [District Rule 4623] Federally Enforceable Through Title V Permit
42. The permittee shall only transport removed sludge in closed, liquid leak-free containers. [District Rule 4623] Federally Enforceable Through Title V Permit
43. The permittee shall store removed sludge, until final disposal, in vapor leak-free containers, or in tanks complying with the vapor control requirements of District Rule 4623. Sludge that is to be used to manufacture roadmix, as defined in District Rule 2020, is not required to be stored in this manner. Roadmix manufacturing operations exempt pursuant to District Rule 2020 shall maintain documentation of their compliance with Rule 2020, and shall readily make said documentation available for District inspection upon request. [District Rules 2020 and 4623] Federally Enforceable Through Title V Permit
44. For newly constructed, repaired, or rebuilt internal floating roof tanks, 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, 40 CFR 60.113b(a)(1), 40 CFR 63.11087(c), and 40 CFR 63.11092(e)(1)] Federally Enforceable Through Title V Permit
45. The operator shall visually inspect, through the manholes, roof hatches, or other opening 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, 40 CFR 60.113b(a)(2), 40 CFR 63.11087(c), and 40 CFR 63.11092(e)(1)] Federally Enforceable Through Title V Permit
46. The permittee shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. Other than the gap criteria specified by this permit, no holes, tears, or other openings are allowed that would permit the escape of hydrocarbon vapors. Any defects found shall constitute a violation of this rule. [District Rule 4623 and 40 CFR 63.11087(c)] Federally Enforceable Through Title V Permit
47. If any failure (i.e. visible organic liquid on the internal floating roof, tank walls or anywhere, holes or tears in the seal fabric) is detected during 12 month visual inspection, the owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days. If the detected failure cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the APCO in the inspection report. Such a request must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. [40 CFR 60.113b(a)(2), 40 CFR 63.11087(c), and 40 CFR 63.11092(e)(1)] Federally Enforceable Through Title V Permit
48. The permittee shall notify the District in writing at least 30 days prior to conduct the visual inspection of the storage vessel, so the District can arrange an observer. [40 CFR 60.113b(a)(5), 40 CFR 63.11087(c), and 40 CFR 63.11092(e)(1)] Federally Enforceable Through Title V Permit

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

49. The permittee shall furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specification of 40 CFR Part 60.112b(a)(1) and 40 CFR Part 60.113b(a)(1) within 15 days after the initial startup of the equipment. [40 CFR 60.115b(a)(1)] Federally Enforceable Through Title V Permit
50. 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 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 this rule, including the following: 1) Date the storage vessel was emptied, date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Observed condition of each component of the control equipment (seals, internal floating roof, and fittings). 4) Measurements of the gaps between the tank shell and primary and secondary seals. 5) Leak free status of the tank and floating roof deck fittings. Records of the leak-free status shall include the vapor concentration values measured in parts per million by volume (ppmv). 6) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.4 and 5.5.2.4.3 of Rule 4623. 7) Nature of defects and any corrective actions or repairs performed on the tank in order to comply with rule 4623 and 40 CFR Part 60 Subpart Kb and the date(s) such actions were taken. [District Rule 4623, 40 CFR 60.115b(a), and 40 CFR 63.11087(e)] Federally Enforceable Through Title V Permit
51. Each calendar month, the owner or operator shall perform leak inspection of all equipment in gasoline service. Equipment in gasoline service is defined as a piece of equipment used in a system that transfers gasoline or gasoline vapors. For this inspection, detection methods incorporating sight, sound, and smell are acceptable. [40 CFR 63.11089(a)] Federally Enforceable Through Title V Permit
52. For monthly leak inspection, a log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. [40 CFR 63.11089(b) and 40 CFR 63.11094(d)] Federally Enforceable Through Title V Permit
53. The operator shall visually inspect the internal floating roof, the primary seal and/or secondary seal, gaskets, slotted membrane and/or sleeve seals each time the storage tank is emptied and degassed. 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 refilling the tank. [40 CFR 60.113b(a)(4), 40 CFR 63.11087(c), and 40 CFR 63.11092(e)(1)] Federally Enforceable Through Title V Permit
54. Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak. Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semiannual report the reason(s) why the repair was not feasible and the date each repair was completed. [40 CFR 63.11089(c) and (d), and 40 CFR 63.11095(a)(3)] Federally Enforceable Through Title V Permit
55. The permittee shall submit a semi-annual compliance report that contains all required information stipulated under 40 CFR 63.11095(a) to the Administrator and the District. [40 CFR 63.11095(a)] Federally Enforceable Through Title V Permit
56. The permittee shall maintain a log book that contains the following information: 1.) dates of leak inspections, 2.) the nature of the leak and the method of detection; 3.) findings, 4.) corrective action (date each leak is repaired), 5.) repair methods applied in each attempt to repair the leak; 6.) the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak; 7.) the date of successful repair of the leak; and 8.) inspector name and signature. [40 CFR 63.11089(g), 40 CFR 63.11094(e), and 40 CFR 63.11095(a)(3)] Federally Enforceable Through Title V Permit
57. The permittee shall submit an excess emissions report that contains all required information that stipulated under 40 CFR 63.11095(b)(5) to the Administrator and the District. The excess emissions report shall be submitted along with the semi-annual compliance report. [40 CFR 63.11095(b)(5)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

58. The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel, and these records shall be kept for the life of the source. [40 CFR 60.116b(b)] Federally Enforceable Through Title V Permit
59. The permittee shall maintain records of the volatile organic liquid stored, the period of storage, and TVP of that volatile organic liquid during the respective storage period. TVP shall be determined using the data on the Reid vapor pressure (highest receipt or highest tank sample results) and actual storage temperature. [District Rule 2201 and 40 CFR 60.116b(c)] Federally Enforceable Through Title V Permit
60. The permittee shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Section 5.3.1.3 and 5.4.3. The records shall include information on the 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. [District Rule 4623] Federally Enforceable Through Title V Permit
61. All records shall be maintained on site for a period of at least five years and shall be made available for District, ARB, and EPA inspection upon request. [District Rules 1070, 2201, and 4623, 40 CFR 60.116b(a), and 40 CFR 63.11094(a)] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

DRAFT

ATTACHMENT B

Authorities to Construct No.'s
N-845-6-3, -10-2, -22-3, and -24-0



AUTHORITY TO CONSTRUCT

PERMIT NO: N-845-6-3

ISSUANCE DATE: 03/26/2012

LEGAL OWNER OR OPERATOR: TESORO LOGISTICS OPERATIONS LLC
MAILING ADDRESS: ATTN: BROOKS NEIGHBORS
19100 RIDGEWAY PARKWAY
SAN ANTONIO, TX 78259

LOCATION: 3003 NAVY DR
STOCKTON, CA 95206

EQUIPMENT DESCRIPTION:

MODIFICATION OF LOADING RACK SERVED BY CARB-CERTIFIED HYDROTECH CARBON ADSORPTION/ABSORPTION VAPOR RECOVERY SYSTEM (N-845-22): INSTALL ADDITIONAL LOADING ARM ASSEMBLIES, INCREASE THE DAILY ORGANIC LIQUIDS (AS DEFINED IN DISTRICT RULE 4624) THROUGHPUT FROM 450,000 GALLONS TO 771,120 GALLONS, AND ESTABLISH AN ANNUAL ORGANIC LIQUIDS THROUGHPUT LIMIT OF 240,350,000 GALLONS. THE POST-PROJECT EQUIPMENT DESCRIPTION BECOME: BULK LOADING RACK CONSISTING OF EIGHT GASOLINE/DENATURED ETHANOL LOADING ARMS AND EIGHT DIESEL LOADING ARMS SERVED BY THE CARBON ADSORPTION VAPOR RECOVERY SYSTEM (N-845-22).

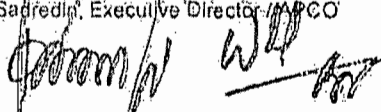
CONDITIONS

1. Prior to operating equipment under this Authority to Construct, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 73 lb, 2nd quarter - 73 lb, 3rd quarter - 73 lb, and 4th quarter - 73 lb. Offsets shall be provided at an offset ratio 1.5 to 1. [District Rule 2201]
2. ERC certificates N-811-1 (or a certificate split from this certificate) and N-827-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
3. This Authority to Construct shall be implemented concurrently with Authority to Construct N-845-22-3. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 567-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Saadodin, Executive Director - APCO



DAVID WARNER, Director of Permit Services
12-845-9-37 (Rev. 02/2012) - 30710 - EOW : Joint Inspection NOT Required

5. 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]
6. Fugitive VOC from components, such as valve, flange, connector, pump seal, etc, associated with this permit unit shall not exceed 621 pounds in any one calendar year. [District Rule 2201]
7. Fugitive VOC emissions from component leaks shall be calculated using component count and appropriate emission factors from "California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities", Table IV-1b (Feb 1999) - Marketing Terminal Average Emission Factors. [District Rule 2201]
8. The quantity of organic liquids (as defined in District Rule 4624) loaded through this loading rack shall not exceed 771,120 gallons in any one day and 240,350,000 gallons in any one calendar year. [District Rule 2201]
9. This loading rack shall be equipped with bottom loading equipment and a vapor collection and control system such that VOC emissions shall not exceed 0.08 pounds per 1,000 gallons of organic liquid loaded. [District Rule 4624]
10. 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]
11. 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 (e.g. breakdown of vapor recovery system), the date and cause of the initial failure, the estimated emissions in excess of those allowed including the amount of gasoline loaded during the breakdown period, and the methods utilized to restore normal operations. [District Rule 1100]
12. All vapors displaced from tank truck loading shall be vented to the vapor recovery system under Permit to Operate N-845-22. [District Rule 2201 and 40 CFR Part 60.502(a), (f), and (g)]
13. Gasoline shall be loaded only into vapor-tight tank trucks. [40 CFR Part 60.502(e) and 40 CFR Part 63.11088(a)]
14. The facility shall obtain the vapor tightness documentation specified in 40 CFR Part 60.505(b) for each gasoline tank truck that is to be loaded at the facility. [40 CFR Part 60.502(e)(1)]
15. The 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 and 40 CFR Part 60.502(h)]
16. All delivery tanks which previously contained organic liquids, including gasoline, with a TVP greater than 1.5 psia at loading conditions shall be filled only at Class 1 loading facilities using bottom loading equipment with a vapor collection and control system operating such that VOC emissions do not exceed 0.08 pounds per 1,000 gallons of organic liquid loaded and which operate so the delivery tank does not exceed 18 inches water column pressure nor 6 inches water column vacuum. [District Rule 4624]
17. The vapor collection system, the vapor processing system, and each transfer rack handling organic liquids shall be tested for leaks, using EPA Method 21, at least once every calendar quarter. [District Rule 4624]
18. The transfer rack and vapor collection equipment shall be installed, maintained, and operated such that there are no leaks and no excess organic liquid drainage at disconnections. A leak is 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 potential source in accordance with EPA Method 21. Excess organic liquid drainage is defined as an average of more than 10 milliliters liquid drainage per disconnect from three consecutive disconnects. [District Rule 4624]
19. The equipment that are found leaking shall be repaired or replaced within 72 hours after detecting the leakage. 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]
20. Each calendar month, the vapor collection system, the vapor processing system and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for organic liquid and organic vapor leaks. For the purpose of this condition, detection methods incorporating sight, sound and smell are acceptable. [40 CFR Part 60.502(j) and 40 CFR Part 63.11089(a)]

CONDITIONS CONTINUE ON NEXT PAGE

21. An owner or 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]
22. For monthly leak inspection, a log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. [40 CFR Part 63.11089(b) and 40 CFR Part 63.11094(d)]
23. Documentation attesting to the vapor tightness of each truck loaded with gasoline shall be kept. The documentation file for each tank truck shall be updated at least once per year to reflect the current test results as determined by EPA Method 27. [40 CFR Part 60.505(a) and (b), and 40 CFR 63.11094(b)]
24. The owner or operator shall submit a semi-annual compliance report that includes each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility. [40 CFR Part 63.11088(f) and 40 CFR Part 63.11095(a)(2)]
25. The owner or operator shall maintain a log book that contains the following information: 1.) dates of leak inspections, 2.) the nature of the leak and the method of detection; 3.) findings, 4.) corrective action (date each leak is repaired), 5.) repair methods applied in each attempt to repair the leak; 6.) the reason for the delay if the leak is not repaired within 3 calendar days after discovery of the leak; 7.) the date of successful repair of the leak; and 8.) inspector name and signature. [District Rule 4624, 40 CFR Part 60.505(c), 40 CFR Part 63.11089(g), and 40 CFR Part 63.11094(e)]
26. The owner or operator shall keep records of the daily organic liquids throughput, and the cumulative annual organic liquids throughput, in gallons. [District Rules 2201 and 4624]
27. All records shall be maintained on site for a period of at least five years and shall be made available for District, ARB, and EPA inspection upon request. [District Rules 1070, 2201, 4624, and 40 CFR Part 63.11094(a)]



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT



AUTHORITY TO CONSTRUCT

PERMIT NO: N-845-10-2

ISSUANCE DATE: 03/26/2012

LEGAL OWNER OR OPERATOR: TESORO LOGISTICS OPERATIONS LLC
MAILING ADDRESS: ATTN: BROOKS NEIGHBORS
19100 RIDGEWAY PARKWAY
SAN ANTONIO, TX 78259

LOCATION: 3003 NAVY DR
STOCKTON, CA 95206

EQUIPMENT DESCRIPTION:

MODIFICATION OF ONE 20,000 GALLON TRANSMIX STORAGE TANK SERVED BY CARB-CERTIFIED HYDROTECH CARBON ADSORPTION/ABSORPTION VAPOR RECOVERY SYSTEM (N-845-22); DISCONNECT THE TANK'S VAPOR COLLECTION PATH FROM THE EXISTING VAPOR RECOVERY SYSTEM AND REROUTE TO THE NEW VAPOR RECOVERY SYSTEM (N-845-22) AND CHANGE THE LIQUID CONTENT OF THE TANK FROM TRANSMIX TO ORGANIC LIQUID; THE POST-PROJECT EQUIPMENT DESCRIPTION BECOME: ONE 20,000 GALLON VERTICAL FIXED ROOF VOLATILE ORGANIC LIQUID STORAGE TANK (TK-420) SERVED BY A CARBON ADSORPTION VAPOR RECOVERY SYSTEM (N-845-22)

CONDITIONS

1. This Authority to Construct shall be implemented concurrently with Authority to Construct N-845-22-3. [District Rule 2201]
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]
4. The quantity of organic liquids (as defined in District Rule 4623) processed through this tank shall not exceed 800 gallons in any one day (on an annual average basis) and 197,820 gallons in any one calendar year. [District Rule 2201]
5. Gasoline (as defined in 40 CFR Part 63.11100) shall not be stored in this tank. [District Rule 2201]
6. All piping, valves, and fittings shall be constructed and maintained in a leak-free condition. [District Rule 4623]
7. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a leak-free cover which shall be closed at all times except during gauging or sampling. [District Rule 4623]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCC

DAVID WARNER, Director of Permit Services

H-448-10-2 Mar 26 2012 4:20 PM - EDPV - Initial Inspection NOT Required

8. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank, and a VOC control device. This tank shall be served by the vapor recovery system under Permit to Operate N-845-22. The vapor recovery system shall be maintained in gas-tight condition. The VOC control device shall be an approved VOC recovery device that reduces the inlet VOC emissions by at least 99% by weight as determined by the test method specified in Section 6.4.6 of District Rule 4623. [District Rules 2201 and 4623]
9. A leak-free condition is defined as a condition without a gas or liquid leak. A gas leak is defined as a reading in excess of 10,000 ppmv as methane, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A liquid leak is defined as a dripping rate of more than three drops per minute. A reading in excess of 10,000 ppmv as methane above background or a liquid leak of greater than three drops per minute is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623]
10. The owner or operator shall visually inspect tank shell, hatches, seals, seams, cable seals, valves, flanges, connectors, and any other piping components directly affixed to the tank and within five feet of the tank at least once per year for liquid leaks, and with a portable hydrocarbon detection instrument conducted in accordance with EPA Method 21 for gas leaks. Operator shall also visually or ultrasonically inspect as appropriate, the external shells and roofs of uninsulated tanks for structural integrity annually. [District Rule 4623]
11. Upon detection of a liquid leak, defined as a leak rate of greater than or equal to 30 drops per minute, operator shall repair the leak within 8 hours. For leaks with a liquid leak rate of between 3 and 30 drops per minute, the leaking component shall be repaired within 24 hours after detection. [District Rule 4623]
12. Upon detection of a gas leak, defined as a VOC concentration of greater than 10,000 ppmv measured in accordance with EPA Method 21 by a portable hydrocarbon detection instrument that is calibrated with methane, operator shall take one of the following actions: 1) eliminate the leak within 8 hours after detection; or 2) if the leak cannot be eliminated, then minimize the leak to the lowest possible level within 8 hours after detection by using best maintenance practices, and eliminate the leak within 48 hours after minimization. In no event shall the total time to minimize and eliminate a leak exceed 56 hours after detection. [District Rule 4623]
13. Components found to be leaking either liquids or gases shall be immediately affixed with a tag showing the component to be leaking. Operator shall maintain records of the liquid or gas leak detection readings, date/time the leak was discovered, and date/time the component was repaired to a leak-free condition. [District Rule 4623]
14. Leaking components that have been discovered by the operator that have been immediately tagged and repaired within the timeframes specified in District Rule 4623, Table 3 shall not constitute a violation of this rule. Leaking components as defined by District Rule 4623 discovered by District staff that were not previously identified and/or tagged by the operator, and/or any leaks that were not repaired within the timeframes specified in District Rule 4623, Table 3 shall constitute a violation of this rule. [District Rule 4623]
15. If a component type for a given tank is found to leak during an annual inspection, operator shall conduct quarterly inspections of that component type on the tank or tank system for four consecutive quarters. If no components are found to leak after four consecutive quarters, the operator may revert to annual inspections. [District Rule 4623]
16. Any component found to be leaking on two consecutive annual inspections is in violation of this rule, even if covered under the voluntary inspection and maintenance program. [District Rule 4623]
17. The control efficiency of the vapor recovery system under Permit to Operate N-845-22, measured and calculated as carbon, shall be determined by US EPA Method 25, except when the outlet concentration must be below 50 ppm in order to meet the standard, in which case US EPA Method 25a may be used. US EPA Method 18 may be used in lieu of US EPA Method 25 or US EPA Method 25A provided the identity and approximate concentrations of the analyses/compounds in the sample gas stream are known before analysis with the gas chromatograph and the gas chromatograph is calibrated for each of the known analytes/compounds to ensure that the VOC concentrations are neither under- or over-reported. Analysis of halogenated exempt compounds shall be analyzed by ARB Method 422 "Exempt Halogenated VOCs in Gases September 12, 1990". [District Rule 4623]

CONDITIONS CONTINUE ON NEXT PAGE

18. The owner or operator shall notify the APCO in writing at least three (3) days prior to performing tank degassing and interior tank cleaning activities. Written notification shall include the following: 1) the Permit to Operate number and physical location of the tank being degassed, 2) the date and time that tank degassing and cleaning activities will begin, 3) the degassing method, as allowed in this permit, to be used, 4) the method to be used to clean the tank, including any solvents to be used, and 5) the method to be used to dispose of any removed sludge, including methods that will be used to control emissions from the receiving vessel and emissions during transport. [District Rule 4623]
19. This tank shall be degassed before commencing interior cleaning by following one of the following options: 1) exhausting VOCs contained in the tank vapor space to the vapor recovery system under Permit to Operate N-845-22 until the organic vapor concentration is 5,000 ppmv or less, or is 10 percent or less of the lower explosion limit (LEL), whichever is less, or 2) by displacing VOCs contained in the tank vapor space to the vapor recovery system under Permit to Operate N-845-22 by filling the tank with a suitable liquid until 90 percent or more of the maximum operating level of the tank is filled. Suitable liquids are organic liquids having a TVP of less than 0.5 psia, water, clean produced water, or produced water derived from crude oil having a TVP less than 0.5 psia, or 3) by displacing VOCs contained in the tank vapor space to the vapor recovery system under Permit to Operate N-845-22 by filling the tank with a suitable gas. Degassing shall continue until the operator has achieved a vapor displacement equivalent to at least 2.3 times the tank capacity. Suitable gases are air, nitrogen, carbon dioxide, or natural gas containing less than 10 percent VOC by weight. [District Rules 2201 and 4623]
20. During tank degassing, the operator shall discharge or displace organic vapors contained in the tank vapor space to an APCO-approved vapor recovery system. [District Rule 4623]
21. This tank shall be in compliance with the applicable requirements of District Rule 4623 at all times during draining, degassing, and refilling the tank with an organic liquid having a TVP of 0.5 psia or greater. [District Rule 4623]
22. After a tank has been degassed pursuant to the requirements of this permit, vapor control requirements are not applicable until an organic liquid having a TVP of 0.5 psia or greater is placed, held, or stored in this tank. [District Rule 4623]
23. While performing tank cleaning activities, the owner or operators may only use the following cleaning agents: water and clean (produced) water, diesel, solvents with an initial boiling point of greater than 302 degrees F, solvents with a vapor pressure of less than 0.5 psia, or solvents with 50 grams of VOC per liter or less. [District Rule 4623]
24. Steam cleaning shall only be allowed at locations where wastewater treatment facilities are limited, or during the months of December through March. [District Rule 4623]
25. During sludge removal from tanks containing organic liquids with a true vapor pressure of 1.5 psia or greater, the owner or operator shall vent emissions from the sludge receiving vessel to the vapor recovery system under Permit to Operate N-845-22. [District Rules 2201 and 4623]
26. The owner or operator shall only transport removed sludge from tanks containing organic liquids with a true vapor pressure of 1.5 psia or greater, in closed, liquid leak-free containers. [District Rule 4623]
27. The owner or operator shall store removed sludge from tanks containing organic liquids with a true vapor pressure of 1.5 psia or greater, until final disposal, in vapor leak-free containers, or in tanks complying with the vapor control requirements of District Rule 4623. Sludge that is to be used to manufacture roadmix, as defined in District Rule 2020, is not required to be stored in this manner. Roadmix manufacturing operations exempt pursuant to District Rule 2020 shall maintain documentation of their compliance with Rule 2020, and shall readily make said documentation available for District inspection upon request. [District Rule 4623]
28. The 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 8 hours after detection. [District Rule 4623]
29. The owner or operator shall keep records of the daily organic liquids throughput, and the cumulative annual organic liquids throughput, in gallons. [District Rules 2201 and 4623]
30. All records shall be maintained on site for a period of at least five years and shall be made available for District, ARB, and EPA inspection upon request. [District Rules 1070, 2201, and 4623]



AUTHORITY TO CONSTRUCT

PERMIT NO: N-845-22-3

ISSUANCE DATE: 03/26/2012

LEGAL OWNER OR OPERATOR: TESORO LOGISTICS OPERATIONS LLC
MAILING ADDRESS: ATTN: BROOKS NEIGHBORS
19100 RIDGEWAY PARKWAY
SAN ANTONIO, TX 78259

LOCATION: 3003 NAVY DR
STOCKTON, CA 95206

EQUIPMENT DESCRIPTION:
MODIFICATION OF HYDROTECH CARBON ADSORPTION/ABSORPTION VAPOR RECOVERY SYSTEM: REPLACE THIS VAPOR RECOVERY SYSTEM WITH A HIGHER CAPACITY VAPOR RECOVERY SYSTEM

CONDITIONS

1. Prior to operating equipment under this Authority to Construct, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,522 lb, 2nd quarter - 1,522 lb, 3rd quarter - 1,522 lb, and 4th quarter - 1,522 lb. Offsets shall be provided at an offset ratio 1.5 to 1. [District Rule 2201]
2. ERC certificates N-811-1 (or a certificate split from this certificate) and N-827-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
3. This Authority to Construct shall be implemented concurrently with Authorities to Construct N-845-6-3 and N-845-10-2. [District Rule 2201]
4. Upon implementation of this Authority to Construct, the manufacturer name and model number of the vapor recovery system serving the loading rack under Permit to Operate N-845-6 and the storage tank under Permit to Operate N-845-10 shall be established. [District Rule 2201]
5. The height of the vapor recovery system's exhaust stack from the ground shall be at least 25 feet. Upon implementation of this Authority to Construct, this condition could be removed. [District Rule 4102]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO



DAVID WARNER, Director of Permit Services

N-845-22-3: Mar 28 2012 1:36PM - 52977 - Joint Inspection NOT Required

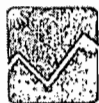
6. The airflow rate of the vapor recovery system's exhaust stack shall not be less than 167 cfm averaged over an hour while truck loading occurs. Upon implementation of this Authority to Construct, this condition could be removed. [District Rule 4102]
7. The inside diameter of the vapor recovery system's exhaust stack at the point of release shall not exceed 8 inches. Upon implementation of this Authority to Construct, this condition could be removed. [District Rule 4102]
8. 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]
9. 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 (e.g. breakdown of vapor recovery system), the date and cause of the initial failure, the estimated emissions in excess of those allowed including the amount of gasoline loaded during the breakdown period, and the methods utilized to restore normal operations. [District Rule 1100]
10. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
11. 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]
12. The VOC removal efficiency shall be at least 99% and all organic liquids loading shall be conducted utilizing bottom loading and dry-break couplers. [District Rule 2201]
13. The 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 and 40 CFR Part 60.502(h)]
14. The vapor collection system, the vapor processing system, and each transfer rack handling organic liquids shall be tested for leaks, using EPA Method 21, at least once every calendar quarter. [District Rule 4624]
15. The transfer rack and vapor collection equipment shall be installed, maintained, and operated such that there are no leaks and no excess organic liquid drainage at disconnections. A leak is 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 potential source in accordance with EPA Method 21. Excess organic liquid drainage is defined as an average of more than 10 milliliters liquid drainage per disconnect from three consecutive disconnects. [District Rule 4624]
16. The equipment that are found leaking shall be repair or replaced within 72 hours after detecting the leakage. 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]
17. Each calendar month, the vapor collection system, the vapor processing system and each loading rack handling gasoline shall be inspected during the loading of "product" tank trucks for organic liquid and organic vapor leaks. For the purpose of this condition, "product" means gasoline, denatured ethanol, additives, and/or product blended with any of the following: gasoline, denatured ethanol, and additives; and the detection methods incorporating sight, sound and smell are acceptable. [40 CFR Part 60.502(j) and 40 CFR Part 63.11089(a)]
18. An owner or 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]

CONDITIONS CONTINUE ON NEXT PAGE

19. During source testing, the loading rack's vapor collection and control system shall be tested at every loading position 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 vapor collection and control system at a pressure tap as close as possible to the connection with the "product" tank truck. For the purpose of this condition, "product" means gasoline, denatured ethanol, additives, and/or product blended with any of the following: gasoline, denatured ethanol, and additives. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. [40 CFR Part 60.503(d)]
20. Source testing to demonstrate compliance with the VOC emission rate from the vapor recovery system serving the loading rack under Permit to Operate N-845-6, and the VOC removal efficiency of the vapor recovery system shall be conducted within 60 days of initial start-up. [District Rules 2201]
21. Source testing to demonstrate compliance with the VOC emission rate from the vapor recovery system serving the loading rack under Permit to Operate N-845-6, and the VOC removal efficiency of the vapor recovery system shall be conducted once every 60 months, but no more than 30 days before or after initial source test anniversary date. [District Rule 4624]
22. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081]
23. Source testing shall be conducted using methods and procedures approved by District. The District must be notified 30 days prior to any compliance source testing and a pretest plan outlining the test methods and procedures shall be submitted for the District approval no later than 15 days prior to each test. [District Rule 1081]
24. Source testing shall be witnessed or authorized by District Personnel and samples shall be collected and analyzed by a California Air Resources Board (CARB) certified testing laboratory or a CARB certified source testing company. [District Rule 1081]
25. VOC emissions for source test purpose shall be determined using 40 CFR Part 60.503 "Test Methods and Procedures" and EPA Methods 2A, 2B, 25A and 25B, and ARB Method 422, or ARB Test Procedure TP-203.1. [District Rule 4624 and 40 CFR Part 63.11092(a)(1)]
26. Source testing for VOC removal efficiency shall be conducted utilizing EPA Method 18, EPA Method 25A or CARB Method 100. Alternative methods may be utilized provided they are previously approved by the District, in writing. [District Rule 2201]
27. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
28. The owner or operator shall install, calibrate, certify, maintain, and quality-assure a Continuous Emissions Monitoring System (CEMS) which continuously measures and records the VOCs (and other parameters, if any, to determine compliance with lb-VOC/1,000 gallon of organic liquid) while organic liquid vapors are displaced to this vapor recovery system. The CEMS shall be installed in the exhaust air stream. [40 CFR 63.11092(b)]
29. The owner or operator shall document the reasons for any change to the operating parameter established during initial performance testing. [40 CFR Part 63.11092(c)]
30. The CEMS for measuring emissions other than opacity shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period, or shall meet equivalent specifications established by mutual agreement of the District, the CARB and the EPA. [40 CFR Part 63.8(c)(4)(ii)]
31. The CEMS shall meet the requirements in 40 CFR 60 Appendix B Performance Specification 8 (PS 8) or 8A (PS 8A), as appropriate, or shall meet equivalent specifications established by mutual agreement of the District, the CARB, and the EPA. [40 CFR Part 63.8(a)(2)]
32. The CEMS must be audited at least once every six months by conducting cylinder gas audits (CGA) using the procedure in 40 CFR Part 60 Appendix F, 5.1.2. Audit reports shall be submitted along with semi-annual compliance reports to the District, the CARB, and the EPA. [40 CFR Part 63.8(e)]
33. The CEMS data shall be reduced to hourly averages as specified in 40 CFR 63.8(g), or by other methods deemed equivalent by mutual agreement with the District, the CARB, and the EPA. [40 CFR Part 63.8(g)]

CONDITIONS CONTINUE ON NEXT PAGE

34. The owner or operator shall maintain files of all information (including all reports and notification) required by this part recorded in a form suitable and readily available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. [40 CFR Part 63.10]
35. The owner or operator shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. The report shall include all applicable information specified in 40 CFR 63.11095 (b)(1) through (5). [40 CFR Part 63.11095(b)]
36. APCO or an authorized representative shall be allowed to inspect, as determined to be necessary, the required monitoring devices to ensure that such devices are functioning properly. [District Rule 1080]
37. For monthly leak inspection, a log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. [40 CFR Part 63.11089(b) and 40 CFR Part 63.11094(d)]
38. Documentation attesting to the vapor tightness of each truck loaded with gasoline shall be kept. The documentation file for each tank truck shall be updated at least once per year to reflect the current test results as determined by EPA method 27. [40 CFR Part 60.505(a) and (b), and 40 CFR 63.11094(b)]
39. The owner or operator shall submit a semi-annual compliance report that includes each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility. [40 CFR Part 63.11088(f) and 40 CFR Part 63.11095(a)(2)]
40. The owner or operator shall maintain a log book that contains the following information: 1.) dates of leak inspections, 2.) the nature of the leak and the method of detection; 3.) findings, 4.) corrective action (date each leak is repaired), 5.) repair methods applied in each attempt to repair the leak; 6.) the reason for the delay if the leak is not repaired within 3 calendar days after discovery of the leak; 6.) the date of successful repair of the leak; and 8.) inspector name and signature. [District Rule 4624, 40 CFR Part 60.505(c), 40 CFR Part 63.11089(g), and 40 CFR Part 63.11094(e)]
41. All records shall be maintained on site for a period of at least five years and shall be made available for District, ARB, and EPA inspection upon request. [District Rules 1070, 2201, 4624, and 40 CFR Part 60.505, and 40 CFR Part 63.11094(a)]



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT



AUTHORITY TO CONSTRUCT

PERMIT NO: N-845-24-0

ISSUANCE DATE: 03/26/2012

LEGAL OWNER OR OPERATOR: TESORO LOGISTICS OPERATIONS LLC
MAILING ADDRESS: ATTN: BROOKS NEIGHBORS
19100 RIDGEWAY PARKWAY
SAN ANTONIO, TX 78259

LOCATION: 3003 NAVY DR
STOCKTON, CA 95206

EQUIPMENT DESCRIPTION:

ONE 2,321,508 GALLON ABOVEGROUND WELDED INTERNAL FLOATING ROOF GASOLINE STORAGE TANK WITH A MECHANICAL SHOE TYPE PRIMARY SEAL AND A RIM-MOUNTED SECONDARY SEAL

CONDITIONS

1. Prior to operating equipment under this Authority to Construct, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 787 lb, 2nd quarter - 787 lb, 3rd quarter - 788 lb, and 4th quarter - 788 lb. Offsets shall be provided at an offset ratio 1.5 to 1. [District Rule 2201]
2. ERC certificates N-811-1 (or a certificate split from this certificate) and N-827-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. VOC emissions from this tank shall not exceed 11.4 pounds in any one day. [District Rule 2201]
5. Fugitive VOC from components, such as valve, flange, connector, pump seal, etc, associated with this permit unit shall not exceed 15 pounds in any one calendar year. [District Rule 2201]
6. Fugitive VOC emissions from component leaks shall be calculated using component count and appropriate emission factors from "California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities", Table IV-1b (Feb 1999) - Marketing Terminal Average Emission Factors. [District Rule 2201]
7. Gaps between the tank shell and the primary seal shall not exceed 1/2 inches. [District Rule 4623]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadreidin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

N-845-24-0 - New 2012/7-130PM - BOW - Joint Inspection NOT Required

Conditions for N-845-24-0 (continued)

8. 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]
9. 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]
10. No continuous gap in the primary seal greater than 1/8 inch wide shall exceed 10% of the tank circumference. [District Rule 4623]
11. No gap between the tank shell and the secondary seal shall exceed 1/2 inch. [District Rule 4623]
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]
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]
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]
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]
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]
17. The floating roof shall be floating 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 processes of filling or emptying and refilling the tank shall be continuous and shall be accomplished as rapidly as possible. Whenever the owner or operator intends to land the roof on its legs, the owner or operator 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 the roof on its legs. [District Rule 4623 and 40 CFR 60.112b(a)(1)(i)].
18. 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 gas tight, except when the device or appurtenance is in use. [District Rule 4623]
19. A leak-free condition is defined as a condition without a gas or liquid leak. A gas leak is defined as a reading in excess of 10,000 ppmv as methane, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A liquid leak is defined as a dripping rate of more than three drops per minute. A reading in excess of 10,000 ppmv as methane above background or a liquid leak of greater than three drops per minute is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623]
20. 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 Part 60.112b(a)(1)(iii)]
21. 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 shall be equipped with a cover, or a lid shall be maintained in a closed position at all times (i.e. no visible gaps) except when the device is in use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted in place except when they are in use. [District Rule 4623 and 40 CFR Part 60.112b(a)(1)(iv)]
22. 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 leg roof supports. [District Rule 4623 and 40 CFR Part 60.112b(a)(1)(v)]

CONDITIONS CONTINUE ON NEXT PAGE

Conditions for N-845-24-0 (continued)

23. Rim vents shall be equipped with a gasket and shall 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 Part 60.112b(a)(1)(vi)]
24. 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 percent of the opening. The fabric cover must be impermeable. [District Rule 4623 and 40 CFR Part 60.112b(a)(1)(vii)]
25. Each penetration of the internal floating roof that allows for the 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 and 40 CFR Part 60.112b(a)(1)(viii)]
26. Each penetration of the internal floating roof that allows for the passage of a ladder shall have a gasketed sliding cover. [40 CFR Part 60.112b(a)(1)(ix)]
27. All slotted sampling or gauging wells shall provide a projection below the liquid surface. [District Rule 4623]
28. 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 one-eighth inch. [District Rule 4623]
29. The owner or operator 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 CFR Part 60.113b(a)(1)]
30. The owner or operator shall visually inspect, through the manholes, roof hatches, or other opening 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 and 40 CFR Part 60.113b(a)(2)]
31. The owner or operator shall conduct actual gap measurements of the primary seal and/or secondary seal at least once every 60 months. Other than the gap criteria specified by this permit, no holes, tears, or other openings are allowed that would permit the escape of hydrocarbon vapors. Any defects found shall constitute a violation of this rule. [District Rule 4623]
32. If any failure (i.e. visible organic liquid on the internal floating roof, tank walls or anywhere, holes or tears in the seal fabric) is detected during 12 month visual inspection, the owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days. If the detected failure cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the APCO in the inspection report. Such a request must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. [40 CFR Part 60.113b(a)(2)]
33. The owner or operator shall notify the District in writing at least 30 days prior to conduct the visual inspection of the storage vessel, so the District can arrange an observer. [40 CFR Part 60.113b(a)(5)]
34. The owner or operator shall furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specification of §60.112b(a)(1) and §60.113b(a)(1) within 15 days after the initial startup of the equipment. [40 CFR Part 60.115b(a)(1)]

CONDITIONS CONTINUE ON NEXT PAGE

35. The owner or operator 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 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 this rule, including the following: 1) Date the storage vessel was emptied, date of inspection and names and titles of company personnel doing the inspection. 2) Tank identification number and Permit to Operate number. 3) Observed condition of each component of the control equipment (seals, internal floating roof, and fittings). 4) Measurements of the gaps between the tank shell and primary and secondary seals. 5) Leak free status of the tank and floating roof deck fittings. Records of the leak-free status shall include the vapor concentration values measured in parts per million by volume (ppmv). 6) Data, supported by calculations, demonstrating compliance with the requirements specified in Sections 5.4 and 5.5.2.4.3 of Rule 4623. 7) Nature of defects and any corrective actions or repairs performed on the tank in order to comply with rule 4623 and 40 CFR Part 60 Subpart Kb and the date(s) such actions were taken. [District Rule 4623, and 40 CFR Part 60.115b(a)(2) and (3)]
36. Each calendar month, the owner or operator shall perform leak inspection of all equipment in gasoline service. Equipment in gasoline service is defined as a piece of equipment used in a system that transfers gasoline or gasoline vapors. For this inspection, detection methods incorporating sight, sound, and smell are acceptable. [40 CFR Part 63.11089(a)]
37. For monthly leak inspection, a log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. [40 CFR Part 63.11089(b) and 40 CFR Part 63.11094(d)]
38. The owner or operator shall visually inspect the internal floating roof, the primary seal and/or secondary seal, gaskets, slotted membrane and/or sleeve seals each time the storage tank is emptied and degassed. 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 refilling the tank. [40 CFR Part 60.113b(a)(4)]
39. Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak. Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semiannual report the reason(s) why the repair was not feasible and the date each repair was completed. [40 CFR Part 63.11089(d)]
40. The owner or operator shall submit a semi-annual compliance report that contains all required information stipulated under 40 CFR 63.11095(a) to the Administrator and the District. [40 CFR 63.11095(a)]
41. The owner or operator shall maintain a log book that contains the following information: 1.) dates of leak inspections, 2.) the nature of the leak and the method of detection; 3.) findings, 4.) corrective action (date each leak is repaired), 5.) repair methods applied in each attempt to repair the leak; 6.) the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak; 7.) the date of successful repair of the leak; and 8.) inspector name and signature. [40 CFR Part 63.11089(g), 40 CFR Part 63.11094(e), and 40 CFR Part 63.11095(a)(3)]
42. The owner or operator shall submit an excess emissions report that contains all required information that stipulated under 40 CFR 63.11095(b)(5) to the Administrator and the District. The excess emissions report shall be submitted along with the semi-annual compliance report. [40 CFR 63.11095(b)(5)]
43. The owner or operator shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel, and these records shall be kept for the life of the source. [40 CFR Part 60.116b(b)]
44. The owner or operator shall maintain records of the volatile organic liquid stored, the period of storage, and TVP of that volatile organic liquid during the respective storage period. TVP shall be determined using the data on the Reid vapor pressure (highest receipt or highest tank sample results) and actual storage temperature. [District Rule 2201 and 40 CFR Part 60.116b(c)]

CONDITIONS CONTINUE ON NEXT PAGE

45. The owner or operator shall maintain the records of the internal floating roof landing activities that are performed pursuant to Rule 4623, Section 5.3.1.3 and 5.4.3. The records shall include information on the 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. [District Rule 4623]
46. All records shall be maintained on site for a period of at least five years and shall be made available for District, ARB, and EPA inspection upon request. [District Rules 1070, 2201, and 4623, and 40 CFR Part 63.11094(a)]

ATTACHMENT C

Previous Title V Operating Permit No.'s
N-845-6-2, -10-1, and -22-2

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-845-6-2

EXPIRATION DATE: 07/31/2017

EQUIPMENT DESCRIPTION:

LOADING RACK SERVED BY CARB-CERTIFIED HYDROTECH CARBON ADSORPTION/ABSORPTION VAPOR RECOVERY SYSTEM (N-845-22)

PERMIT UNIT REQUIREMENTS

1. The quantity of organic liquids (as defined in District Rule 4624) loaded through this loading rack and the entire facility shall not exceed 450,000 gallons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
2. All vapors displaced from tank truck loading shall be vented to the vapor recovery system under Permit to Operate N-845-22. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The owner or operator shall comply with the control requirements specified in option 1 of Table 2 to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart BBBBBB (6B) by August 1, 2013. [40 CFR 63.11083(c)] Federally Enforceable Through Title V Permit
4. The owner or operator shall use submerged filling with a submerged fill pipe that is no more than 6 inches from the bottom of the cargo tank, and make records available within 24 hours of a request by the Administrator to document the gasoline throughput of this unit. [40.CFR 63.11088(a)] Federally Enforceable Through Title V Permit
5. This loading rack shall be equipped with bottom loading equipment and a vapor collection and control system such that VOC emissions shall not exceed 0.08 pounds per 1,000 gallons of organic liquid loaded. [District Rule 4624, 5.1] Federally Enforceable Through Title V Permit
6. The 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, 5.4] Federally Enforceable Through Title V Permit
7. All delivery tanks which previously contained organic liquids, including gasoline, with a TVP greater than 1.5 psia at loading conditions shall be filled only at Class 1 loading facilities using bottom loading equipment with a vapor collection and control system operating such that VOC emissions do not exceed 0.08 pounds per 1,000 gallons of organic liquid loaded and which operate so the delivery tank does not exceed 18 inches water column pressure nor 6 inches water column vacuum. [District Rule 4624, 5.5] Federally Enforceable Through Title V Permit
8. The transfer rack and vapor collection equipment shall be installed, maintained, and operated such that there are no leaks and no excess organic liquid drainage at disconnections. A leak is 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 potential source in accordance with EPA Method 21. Excess organic liquid drainage is defined as an average of more than 10 milliliters liquid drainage per disconnect from three consecutive disconnects. [District Rule 4624, 3.13, 3.17, and 5.6] Federally Enforceable Through Title V Permit
9. The vapor collection system, the vapor processing system, and each transfer rack handling organic liquids shall be tested for leaks with a portable hydrocarbon analyzer in accordance with EPA Method 21, at least once every calendar quarter. [District Rule 4624, 5.9.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

10. The equipment that are found leaking shall be repaired or replaced within 72 hours after detecting the leakage. 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, 5.9.3] Federally Enforceable Through Title V Permit
11. An owner or 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, 5.9.4] Federally Enforceable Through Title V Permit
12. Each calendar month, the owner or operator shall perform leak inspection of all equipment in gasoline service. Equipment in gasoline service is defined as a piece of equipment used in a system that transfers gasoline or gasoline vapors. For this inspection, detection methods incorporating sight, sound, and smell are acceptable. [40 CFR 63.11089(a)] Federally Enforceable Through Title V Permit
13. For monthly leak inspection, a log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. [40 CFR 63.11089(b) and 40 CFR 63.11094(d)] Federally Enforceable Through Title V Permit
14. Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak. Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semiannual report the reason(s) why the repair was not feasible and the date each repair was completed. [40 CFR 63.11089(c) and (d), and 40 CFR 63.11095(a)(3)] Federally Enforceable Through Title V Permit
15. Each calendar month, liquid drainage at disconnect of each loading arm shall be determined, and appropriate action shall be taken in case excess liquid drainage occurs from any 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, 9.3.2] Federally Enforceable Through Title V Permit
16. Liquid 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 minute of collection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
17. Documentation attesting to the vapor tightness of each truck loaded with gasoline shall be kept. The documentation file for each tank truck shall be updated at least once per year to reflect the current test results as determined by EPA Method 27. [40 CFR 63.11094(b)] Federally Enforceable Through Title V Permit
18. The owner or operator shall maintain a log book that contains the following information: 1.) dates of leak inspections, 2.) the nature of the leak and the method of detection; 3.) findings, 4.) corrective action (date each leak is repaired), 5.) repair methods applied in each attempt to repair the leak; 6.) the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak; 7.) the expected date of successful repair of the leak if the leak is not repaired within 15 days; 8.) the date of successful repair of the leak; and 9.) inspector name and signature. [District Rule 4624, 6.1.3, 40 CFR 63.11089(g), and 40 CFR 63.11094(e)] Federally Enforceable Through Title V Permit
19. The owner or operator shall report the number of equipment leaks not repaired within 15 days after detection in a semi-annual report. [40 CFR 63.11089(g)] Federally Enforceable Through Title V Permit
20. The owner or operator shall submit a semi-annual compliance report that includes each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility. [40 CFR 63.11088(f) and 40 CFR 63.11095(a)(2)] Federally Enforceable Through Title V Permit
21. The owner or operator shall keep records of the daily organic liquids throughput in gallons. [District Rules 1070 and 4623, 6.1.3] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

22. All records shall be maintained on site for a period of at least of five years and shall be made available for District, ARB, and EPA inspection upon request. [District Rules 1070 and 4624, 6.1.4, and 40 CFR 63.11094(a)] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-845-10-1

EXPIRATION DATE: 07/31/2017

EQUIPMENT DESCRIPTION:

ONE 20,000 GALLON TRANSMIX STORAGE TANK SERVED BY CARB-CERTIFIED HYDROTECH CARBON ADSORPTION/ABSORPTION VAPOR RECOVERY SYSTEM (N-845-22)

PERMIT UNIT REQUIREMENTS

1. 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 parts per million by volume (ppmv), as methane, above background on a portable hydrocarbon detection instrument that is calibrated with methane in accordance with the procedures specified in EPA Method 21. A liquid leak is defined as the dripping of organic liquid at a rate of more than 3 drops per minute. A reading in excess to 10,000 ppmv, as methane, above background, or dripping of organic liquid at a rate of more than 3 drops per minute, is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.11, 3.17, 3.18, and 6.4.8] Federally Enforceable Through Title V Permit
2. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank, and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in gas-tight condition. The VOC control device shall be an approved VOC recovery device that reduces the inlet VOC emissions by at least 95% by weight as determined by the test method specified in Section 6.4.6 of District Rule 4623. [District Rule 4623, 5.1.1 and 5.6.1] Federally Enforceable Through Title V Permit
3. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a leak-free cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
4. All piping, valves, and fittings shall be constructed and maintained in a leak-free condition. [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
5. The owner or operator shall visually inspect tank shell, hatches, seals, seams, cable seals, valves, flanges, connectors, and any other piping components directly affixed to the tank and within five feet of the tank at least once per year for liquid leaks, and with a portable hydrocarbon detection instrument conducted in accordance with EPA Method 21 for gas leaks. Operator shall also visually or ultrasonically inspect as appropriate, the external shells and roofs of uninsulated tanks for structural integrity annually. [District Rule 4623, Table 3] Federally Enforceable Through Title V Permit
6. Upon detection of a liquid leak, defined as a leak rate of greater than or equal to 30 drops per minute, operator shall repair the leak within 8 hours. For leaks with a liquid leak rate of between 3 and 30 drops per minute, the leaking component shall be repaired within 24 hours after detection. [District Rule 4623, Table 3] Federally Enforceable Through Title V Permit
7. Upon detection of a gas leak, defined as a VOC concentration of greater than 10,000 ppmv measured in accordance with EPA Method 21 by a portable hydrocarbon detection instrument that is calibrated with methane, operator shall take one of the following actions: 1) eliminate the leak within 8 hours after detection; or 2) if the leak cannot be eliminated, then minimize the leak to the lowest possible level within 8 hours after detection by using best maintenance practices, and eliminate the leak within 48 hours after minimization. In no event shall the total time to minimize and eliminate a leak exceed 56 hours after detection. [District Rule 4623, Table 3] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

8. Components found to be leaking either liquids or gases shall be immediately affixed with a tag showing the component to be leaking. Operator shall maintain records of the liquid or gas leak detection readings, date/time the leak was discovered, and date/time the component was repaired to a leak-free condition. [District Rule 4623, Table 3] Federally Enforceable Through Title V Permit
9. Leaking components that have been discovered by the operator that have been immediately tagged and repaired within the timeframes specified in District Rule 4623, Table 3 shall not constitute a violation of this rule. Leaking components as defined by District Rule 4623 discovered by District staff that were not previously identified and/or tagged by the operator, and/or any leaks that were not repaired within the timeframes specified in District Rule 4623, Table 3 shall constitute a violation of this rule. [District Rule 4623, Table 3] Federally Enforceable Through Title V Permit
10. If a component type for a given tank is found to leak during an annual inspection, operator shall conduct quarterly inspections of that component type on the tank or tank system for four consecutive quarters. If no components are found to leak after four consecutive quarters, the operator may revert to annual inspections. [District Rule 4623, Table 3] Federally Enforceable Through Title V Permit
11. Any component found to be leaking on two consecutive annual inspections is in violation of this rule, even if covered under the voluntary inspection and maintenance program. [District Rule 4623, Table 3] Federally Enforceable Through Title V Permit
12. The owner or operator shall notify the APCO in writing at least three (3) days prior to performing tank degassing and interior tank cleaning activities. Written notification shall include the following: 1) the Permit to Operate number and physical location of the tank being degassed, 2) the date and time that tank degassing and cleaning activities will begin, 3) the degassing method, as allowed in this permit, to be used, 4) the method to be used to clean the tank, including any solvents to be used, and 5) the method to be used to dispose of any removed sludge, including methods that will be used to control emissions from the receiving vessel and emissions during transport. [District Rule 4623, 5.7.5] Federally Enforceable Through Title V Permit
13. This tank shall be degassed before commencing interior cleaning by following one of the following options: 1) exhausting VOCs contained in the tank vapor space to an APCO-approved vapor recovery system until the organic vapor concentration is 5,000 ppmv or less, or is 10 percent or less of the lower explosion limit (LEL), whichever is less, or 2) by displacing VOCs contained in the tank vapor space to an APCO-approved vapor recovery system by filling the tank with a suitable liquid until 90 percent or more of the maximum operating level of the tank is filled. Suitable liquids are organic liquids having a TVP of less than 0.5 psia, water, clean produced water, or produced water derived from crude oil having a TVP less than 0.5 psia, or 3) by displacing VOCs contained in the tank vapor space to an APCO-approved vapor recovery system by filling the tank with a suitable gas. Degassing shall continue until the operator has achieved a vapor displacement equivalent to at least 2.3 times the tank capacity. Suitable gases are air, nitrogen, carbon dioxide, or natural gas containing less than 10 percent VOC by weight. [District Rule 4623, 5.7.5.4] Federally Enforceable Through Title V Permit
14. During tank degassing, the operator shall discharge or displace organic vapors contained in the tank vapor space to an APCO-approved vapor recovery system. [District Rule 4623, 5.7.5.4.5] Federally Enforceable Through Title V Permit
15. To facilitate connection to an external APCO-approved vapor recovery system a suitable tank fitting, such as a manway, may be temporarily removed for a period of time not to exceed one hour. [District Rule 4623, 5.7.5.4.6] Federally Enforceable Through Title V Permit
16. This tank shall be in compliance with the applicable requirements of District Rule 4623 at all times during draining, degassing, and refilling the tank with an organic liquid having a TVP of 0.5 psia or greater. [District Rule 4623, 5.7.5.4.7] Federally Enforceable Through Title V Permit
17. After a tank has been degassed pursuant to the requirements of this permit, vapor control requirements are not applicable until an organic liquid having a TVP of 0.5 psia or greater is placed, held, or stored in this tank. [District Rule 4623, 5.7.5.4.10] Federally Enforceable Through Title V Permit
18. While performing tank cleaning activities, the owner or operators may only use the following cleaning agents: water and clean (produced) water, diesel, solvents with an initial boiling point of greater than 302 degrees F, solvents with a vapor pressure of less than 0.5 psia, or solvents with 50 grams of VOC per liter or less. [District Rule 4623, 5.7.5.5.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

19. Steam cleaning shall only be allowed at locations where wastewater treatment facilities are limited, or during the months of December through March. [District Rule 4623, 5.7.5.5.2] Federally Enforceable Through Title V Permit
20. During sludge removal from tanks containing organic liquids with a true vapor pressure of 1.5 psia or greater, the owner or operator shall vent emissions from the sludge receiving vessel to an APCO-approved vapor recovery system that reduces emissions of organic vapors by at least 95 percent. [District Rule 4623, 5.7.5.6.1] Federally Enforceable Through Title V Permit
21. The owner or operator shall only transport removed sludge from tanks containing organic liquids with a true vapor pressure of 1.5 psia or greater, in closed, liquid leak-free containers. [District Rule 4623, 5.7.5.6.2] Federally Enforceable Through Title V Permit
22. The owner or operator shall store removed sludge from tanks containing organic liquids with a true vapor pressure of 1.5 psia or greater, until final disposal, in vapor leak-free containers, or in tanks complying with the vapor control requirements of District Rule 4623. Sludge that is to be used to manufacture roadmix, as defined in District Rule 2020, is not required to be stored in this manner. Roadmix manufacturing operations exempt pursuant to District Rule 2020 shall maintain documentation of their compliance with Rule 2020, and shall readily make said documentation available for District inspection upon request. [District Rule 4623, 5.7.5.6.3] Federally Enforceable Through Title V Permit
23. The control efficiency of the vapor recovery system, measured and calculated as carbon, shall be determined by US EPA Method 25, except when the outlet concentration must be below 50 ppm in order to meet the standard, in which case US EPA Method 25a may be used. US EPA Method 18 may be used in lieu of US EPA Method 25 or US EPA Method 25A provided the identity and approximate concentrations of the analyses/compounds in the sample gas stream are known before analysis with the gas chromatograph and the gas chromatograph is calibrated for each of the known analytes/compounds to ensure that the VOC concentrations are neither under- or over-reported. Analysis of halogenated exempt compounds shall be analyzed by ARB Method 422 "Exempt Halogenated VOCs in Gases September 12, 1990". [District Rule 4623, 6.4.6 and 6.4.7] Federally Enforceable Through Title V Permit
24. The 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 8 hours after detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
25. All records shall be maintained on site for a period of at least of five years and shall be made available for District, ARB, and EPA inspection upon request. [District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-845-22-2

EXPIRATION DATE: 07/31/2017

EQUIPMENT DESCRIPTION:

HYDROTECH CARBON ADSORPTION/ABSORPTION VAPOR RECOVERY SYSTEM

PERMIT UNIT REQUIREMENTS

1. The VOC emissions from the vapor collection and control system shall not exceed 0.08 pounds per 1000 gallons of gasoline loaded. [District Rule 4624, 5.1] Federally Enforceable Through Title V Permit
2. The 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, 5.4] Federally Enforceable Through Title V Permit
3. All delivery tanks which previously contained organic liquids, including gasoline, with a TVP greater than 1.5 psia at loading conditions shall be filled only at Class 1 loading facilities using bottom loading equipment with a vapor collection and control system operating such that VOC emissions do not exceed 0.08 pounds per 1,000 gallons of organic liquid loaded and which operate so the delivery tank does not exceed 18 inches water column pressure nor 6 inches water column vacuum. [District Rule 4624, 5.5] Federally Enforceable Through Title V Permit
4. The transfer rack and vapor collection equipment shall be installed, maintained, and operated such that there are no leaks and no excess organic liquid drainage at disconnections. A leak is 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 potential source in accordance with EPA Method 21. Excess organic liquid drainage is defined as an average of more than 10 milliliters liquid drainage per disconnect from three consecutive disconnects. [District Rule 4624, 3.13, 3.17, and 5.6] Federally Enforceable Through Title V Permit
5. The vapor collection system, the vapor processing system, and each transfer rack handling organic liquids shall be tested for leaks with a portable hydrocarbon analyzer in accordance with EPA Method 21, at least once every calendar quarter. [District Rule 4624, 5.9.1] Federally Enforceable Through Title V Permit
6. The equipment that are found leaking shall be repair or replaced within 72 hours after detecting the leakage. 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, 5.9.3] Federally Enforceable Through Title V Permit
7. An owner or 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, 5.9.4] Federally Enforceable Through Title V Permit
8. Each calendar month, the owner or operator shall perform leak inspection of all equipment in gasoline service. Equipment in gasoline service is defined as a piece of equipment used in a system that transfers gasoline or gasoline vapors. For this inspection, detection methods incorporating sight, sound, and smell are acceptable. [40 CFR 63.11089(a)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

9. For monthly leak inspection, a log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. [40 CFR 63.11089(b) and 40 CFR 63.11094(d)] Federally Enforceable Through Title V Permit
10. Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak. Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semiannual report the reason(s) why the repair was not feasible and the date each repair was completed. [40 CFR 63.11089(c) and (d), and 40 CFR 63.11095(a)(3)] Federally Enforceable Through Title V Permit
11. During source testing, the loading rack's vapor collection and control system shall be tested at every loading position 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 vapor collection and control system at a pressure tap as close as possible to the connection with the gasoline tank truck. The highest instantaneous pressure measurement as well as all pressure measurements at 5 minute intervals during delivery vessel loading must be recorded. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. Source testing to demonstrate compliance with the VOC emission rate from the vapor recovery system serving the loading rack under Permit to Operate N-845-6 shall be conducted once every 60 months, but no more than 30 days before or after initial source test anniversary date. [District Rule 4624, 6.2.2] Federally Enforceable Through Title V Permit
13. Source testing shall be conducted using methods and procedures approved by District. The District must be notified 30 days prior to any compliance source testing and a pretest plan outlining the test methods and procedures shall be submitted for the District approval no later than 15 days prior to each test. [District Rule 1081, 6.0 and 7.1] Federally Enforceable Through Title V Permit
14. Source testing shall be witnessed or authorized by District Personnel and samples shall be collected and analyzed by a California Air Resources Board (CARB) certified testing laboratory or a CARB certified source testing company. [District Rule 1081, 7.2] Federally Enforceable Through Title V Permit
15. VOC emissions for source test purpose shall be determined using 40 CFR Part 60.503 "Test Methods and Procedures" and EPA Methods 2A, 2B, 25A and 25B, and ARB Method 422, or ARB Test Procedure TP-203.1. [District Rule 4624, 6.3.2] Federally Enforceable Through Title V Permit
16. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081, 7.3] Federally Enforceable Through Title V Permit
17. The owner or operator shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. The report shall include all applicable information specified in 40 CFR 63.11095 (b)(1) through (5). [40 CFR 63.11095(b)] Federally Enforceable Through Title V Permit
18. Documentation attesting to the vapor tightness of each truck loaded with gasoline shall be kept. The documentation file for each tank truck shall be updated at least once per year to reflect the current test results as determined by EPA Method 27. [40 CFR 63.11094(b)] Federally Enforceable Through Title V Permit
19. The owner or operator shall maintain a log book that contains the following information: 1.) dates of leak inspections, 2.) the nature of the leak and the method of detection; 3.) findings, 4.) corrective action (date each leak is repaired), 5.) repair methods applied in each attempt to repair the leak; 6.) the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak; 7.) the expected date of successful repair of the leak if the leak is not repaired within 15 days; 8.) the date of successful repair of the leak; and 9.) inspector name and signature. [District Rule 4624, 6.1.3, 40 CFR 63.11089(g), and 40 CFR 63.11094(e)] Federally Enforceable Through Title V Permit
20. The owner or operator shall report the number of equipment leaks not repaired within 15 days after detection in a semi-annual report. [40 CFR 63.11089(g)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

21. The owner or operator shall submit a semi-annual compliance report that includes each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility. [40 CFR 63.11088(f) and 40 CFR 63.11095(a)(2)] Federally Enforceable Through Title V Permit
22. A log of all breakdowns of the vapor recovery system indicating the times, dates and gallons processed during the breakdown periods shall be maintained on the premises at all times and shall be made available for District inspection upon request. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
23. The owner or operator shall keep records of the daily organic liquids throughput in gallons. [District Rules 1070, 2520, 9.3.2, and 4623, 6.1.3] Federally Enforceable Through Title V Permit
24. All records shall be maintained on site for a period of at least of five years and shall be made available for District, ARB, and EPA inspection upon request. [District Rules 4624, 6.1.4 and 2520.9.4, and 40 CFR 63.11094(a)] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

ATTACHMENT D

Emission Increases

Project: N-1123734

As calculated in District's project N-1112963, Section VIII, *Compliance, District Rule 2201, 2. Offsets*, the project triggered federal major modification, which required distance offset ratio (DOR) of 1.5. Therefore, the offsets were required for the amount listed as follows:

The quarterly VOC emissions increases are:

| All Permit | 1 st Quarter (lb) | 2 nd Quarter (lb) | 3 rd Quarter (lb) | 4 th Quarter (lb) |
|------------|------------------------------|------------------------------|------------------------------|------------------------------|
| VOC | 2,334 | 2,334 | 2,334 | 2,335 |

The project required DOR of 1.5, therefore, the required quarterly offsets are:

| Total Offset | 1 st Quarter (lb) | 2 nd Quarter (lb) | 3 rd Quarter (lb) | 4 th Quarter (lb) |
|--------------|------------------------------|------------------------------|------------------------------|------------------------------|
| VOC | 3,501 | 3,501 | 3,501 | 3,503 |

The total required offsets are:

$$\begin{aligned} \text{Total Offset}_{\text{voc}} &= [3,501 + 3,501 + 3,501 + 3,503] \text{ lb-VOC/year} \\ &= \mathbf{14,006 \text{ lb-VOC/year}} \end{aligned}$$

ATTACHMENT E

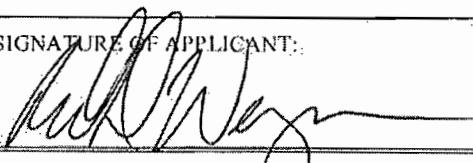
Application

San Joaquin Valley Air Pollution Control District

www.valleyair.org

Permit Application For:

ADMINISTRATIVE AMENDMENT
 MINOR MODIFICATION
 SIGNIFICANT MODIFICATION

| | |
|---|--|
| 1. PERMIT TO BE ISSUED TO: Tesoro Logistics Operations, LLC | |
| 2. MAILING ADDRESS: | |
| STREET/P.O. BOX: <u>3003 Navy Drive</u> | |
| CITY: <u>Stockton</u> | STATE: <u>CA</u> 9-DIGIT ZIP CODE: <u>95206</u> |
| 3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: | INSTALLATION DATE: |
| STREET: <u>3003 Navy Drive</u> CITY: <u>Stockton</u> | Project Complete - March 2013 |
| <u> </u> ¼ SECTION <u>8</u> TOWNSHIP <u>TIN</u> RANGE <u>R6E</u> | |
| 4. GENERAL NATURE OF BUSINESS: | |
| 5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) | |
| On March 26, 2012, SJVAPCD issued ATC permits to Tesoro Logistics Operations, LLC for construction of the Stockton Expansion Project (Project) at the Stockton, California Terminal. The ATC permits included the following: | |
| <ul style="list-style-type: none"> ➤ ATC 845-6-3: Bulk Loading Rack Consisting of Eight Gasoline/Denatured Ethanol Loading Arms and Eight Diesel Loading Arms Served by the Carbon Adsorption Vapor Recovery System (N-845-22) ➤ ATC 845-10-2: 20,000 Gallon Vertical Fixed Roof Volatile Organic Liquid Storage Tank (TK-420) Served by a Carbon Adsorption Vapor Recovery System (N-845-22) ➤ ATC 845-22-3: Carbon Adsorption Vapor Recovery System ➤ ATC 845-24-0: 2,321,508 gallon Above ground Welded Internal Floating Roof Gasoline Storage Tank with a Mechanical Shoe Type Primary Seal and a Rim-Mounted Secondary Seal | |
| Tesoro is required to submit a Title V Significant Modification Application to SJVAPCD in order to operate the equipment permitted under the Project. | |
| 6. TYPE OR PRINT NAME OF APPLICANT: Rick D. Weyen | TITLE OF APPLICANT: Vice President, Operations |
| 7. SIGNATURE OF APPLICANT:  | DATE: <u>12/7/12</u> |
| | PHONE: (210) 626-4433 FAX: () EMAIL: Rick.D.Weyen@tsocorp.com |

For APCD Use Only:

Tesoro Logistics LP

| | |
|---|---|
| DATE STAMP <div style="text-align: center; font-size: 2em; font-weight: bold;">RECEIVED</div> DEC 12 2012 SJVAPCD NORTHERN REGION | FILING FEE RECEIVED: <u>\$76.00</u> CHECK#: <u>1002132</u> DATE PAID: <u>12/11/12</u> PROJECT NO: <u>N1123734</u> FACILITY ID: <u>N-845</u> |
|---|---|

**San Joaquin Valley
Unified Air Pollution Control District**

TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

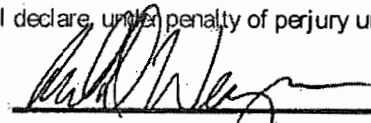
- SIGNIFICANT PERMIT MODIFICATION ADMINISTRATIVE
 MINOR PERMIT MODIFICATION AMENDMENT

| | |
|--|--------------------|
| COMPANY NAME: Tesoro Logistics Operations, LLC | FACILITY ID: N-845 |
| 1. Type of Organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility | |
| 2. Owner's Name: Tesoro Logistics Operations, LLC | |
| 3. Agent to the Owner: | |

II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial all circles for confirmation):

- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s).
- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.
- Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true:



Signature of Responsible Official

12/7/12

Date

Rick D. Weyen

Name of Responsible Official (please print)
Vice President, Operations

Title of Responsible Official (please print)