

## Permit Conditions

**Synthetic Minor Condition #19942**, Plant #23438 (Formerly #13637), Application #1925, Amended by Application #7082, Amended by Application #9714, Amended by Application #14472, Amended by Application #32039, Amended by Application #31964:

Asterisks denote permit conditions that are part of this permit but do not contribute to establishing the synthetic minor limits. The facility must comply with all conditions, regardless of asterisks. The following conditions do not negate the applicability of any Air District, state or federal requirements.

1. Annual emissions of volatile organic compounds (VOCs) from all sources combined (including any truck loading, storage tanks, oil/water separator and marine loading/offloading operations) shall be no greater than 95 tons per any consecutive twelve-month period. (Basis: Synthetic Minor)
2. Annual emissions of any single hazardous air pollutant (HAP) from all sources combined (including any truck loading, storage tanks, oil/water separator and marine loading/offloading operations) shall be no greater than 9 tons per any consecutive twelve-month period. (Basis: Synthetic Minor)
3. Annual emissions of any combination of HAPs from all sources combined (including any truck loading, storage tank, Oil/Water Separator and Marine loading/Offloading operations) shall be no greater than 23 tons per year. (Basis: Synthetic Minor)
4. The total throughput at each source listed below shall not exceed the gallons indicated in any rolling 12 consecutive month period, as indicated: (Basis: Synthetic Minor)

*[Source Number]: [Processing Throughput Limit (gallons/rolling 12-month consecutive period)] – [Permitted Material]*

- S-1: 244,624,000 - Gasoline, Gasoline Additives; 34,944,000 - Ethanol; 90,000,000 - Diesel, Biodiesel, Renewable Diesel, and Jet A; 3,000,000 - Transmix
  - S-24: 2,520,000 - Renewable Diesel, Biodiesel
  - S-25: 2,520,000 - Renewable Diesel, Biodiesel
  - S-4, S-11 to S-16, S-22, S-23, S-31, S-34, S-36, S-37, S-64, and S-73 to S-76: 619,960,000 - Diesel and Jet A
  - S-4, 6, S-10, S-13, S-14, S-21, S-27 to S-30, and S-51: 1,782,979,721 - Gasoline
  - S-18, S-33, S-41, S-42, S-45 to S-49, S-74, S-76: 243,000 - Additive & Lube Oil
  - S-26: 3,000,000 - Transmix
  - S-53, S-54: 27,375,000 Oily water and Slop oil
  - S-58: 34,944,000 – Ethanol; 34,944,000 - Jet A
  - S-59: 30,000,000 - Wastewater
  - S-77: 306,600,000 - Loading of Diesel and Jet A
  - Truck Refueling Stations (diesel): 219,000 - Diesel
  - Underground Tank (pumpback-Gasoline): 1,684,000 - Gasoline
5. Air District approved logs shall be maintained for all sources. The logs shall be retained for at least five years and be available for review during normal business hours by the Air District’s representatives, and shall include the following information: (Basis: Recordkeeping, Synthetic Minor)
    - a. daily records of the quantity of each material processed at S-1;
    - b. monthly records of the quantity of each material processed at each source or group of sources other than S-1;
    - c. the emission factors and the weight percents of VOC and individual HAPs in each material or other Air District approved recording methods that provide sufficient information to calculate VOC and HAP emissions;

6. A monthly summary of VOC, individual HAP and combined HAP usages and emission calculations shall be prepared within twenty business days after the end of each calendar month. The owner/operator shall use AP-42 methods, EPA's tank program, and emission factors specified by Air District's regulations. (Basis: Synthetic Minor)
7. The year-to-date total emissions of VOC, each individual HAP and combined HAPs shall be derived every month by summing the totals for the previous twelve months. The summaries shall be complete within thirty business days after the end of each month. (Basis: Synthetic Minor)
8. The owner/operator shall prepare and submit an annual report to the Air District's Enforcement Division. The report shall be prepared for the year ending on July 31<sup>st</sup> of each year and shall be submitted by September 30 of each year. The annual report for the first year following the date this permit is issued shall be compiled from records documenting VOC usage as required by permit conditions existing prior to the synthetic minor permit, as well as records documenting VOC and HAP usage as required by this synthetic minor operating permit. This report shall contain: (Basis: Synthetic Minor)
  - a. the usage of each material for each source or group of sources for the previous twelve months;
  - b. the emission factors and weight percents of VOC and each HAP in each material processed, or equivalent information sufficient to determine emissions from usage data; and
  - c. the annual emissions of VOCs, individual HAPs and total HAPs as calculated for each of the previous twelve months based on actual usage.
9. The owner/operator shall notify the Air District in writing within ten calendar days of any determination that the facility has exceeded any of the above limits. The notification shall be addressed to the Director of Enforcement and Compliance. (Basis: Synthetic Minor)
10. The owner/operator shall not load any gasoline or non-exempt organic liquids into a marine vessel unless the marine loading operation received a permit to operate from the Air District. (Basis: Regulation 2-1-302)
11. The owner/operator shall conduct annual testing or provide equivalent documentation to determine the weight percentage of HAPs in gasoline stored at the facility. These concentrations and records shall be made available to Air District personnel upon request and shall be kept for a minimum of five years. (Basis: Synthetic Minor)
12. The tank degassing operations shall be vented at all times to properly maintained and properly operated abatement device with a minimum control efficiency of 90 wt %. The owner/operator shall maintain the following records for each day of operation:
  - a. Identification of tanks degassed, dates and hours of degassing
  - b. The monthly POC and HAP emissions from tank degassing operation shall be included in the total monthly summary of VOC, individual HAP and combined HAP usages and emission calculationsThese records shall be made available to Air District personnel upon request and shall be kept for a minimum of five years. (Basis: Synthetic Minor)

FOR S-1, TRUCK LOADING RACK abated by A-1, JOHN ZINK ADSORPTION SYSTEM

13. Deleted, CARB Certification requirement, 7/6/04.
14. The owner/operator of A-1 shall install an Air District approved exhaust flow measurement and continuous hydrocarbon emission monitor at each exhaust outlet of the vapor recovery system. This monitor shall continuously measure hydrocarbon concentration in parts per million as C3. (Basis: Cumulative Increase)

- 15a. The owner/operator of S-1 and A-1 shall not exceed 0.02 pounds organic per 1000 gallons of gasoline, gasoline additives, ethanol, and/or Transmix loaded criteria of Air District's Best Available Control Technology (BACT) Guideline. (Basis: BACT, Offsets/Cumulative increase)

To determine compliance with the above requirement, the following calculation should be used using reading obtained from the field (based on six hour average and/or per loading event duration).

- a. Total volume (in ft<sup>3</sup>) gone through the carbon beds in the last hour (reading from the turbometer).
- b. Concentration of non-methane organic compound (NMOC) in ppm (from strip chart or data logger)
- c. Materials throughput in gallons (gal)

$$(\text{NMOC, lb}) = \frac{(\text{concentration, ppm})(\text{volume, ft}^3)(44)}{(1,000,000)(386.9)}$$

$$\text{Emission factor, lb/1000 gal} = \frac{(\text{NMOC, lb})}{\text{Throughput, gal}} \times (1000)$$

Note: 44 is the molecular weight for C<sub>3</sub>  
One pound mole of gas occupied 386.9 ft<sup>3</sup> at 70°F

- 15b. The owner/operator of S-1 and A-1 shall not exceed 0.0004 pounds organic compound emissions per 1000 gallons of diesel, Jet A, biodiesel, and/or renewable diesel loaded. (Basis: Offsets/Cumulative increase)
- 15c. To determine compliance with Part 15b, the owner/operator of S-1 and A-1 shall demonstrate compliance using the calculation method specified in Part 15a. (Basis: Offsets/Cumulative increase)
- 15d. In the event that the monitoring in Parts 15a and/or 15c indicates an exceedance of the respective emission factors in Parts 15a and/or 15b, or if the monitoring is determined to be malfunctioning, then the owner/operator of S-1 and A-1 shall conduct an Air District approved source test with 60 days in order to demonstrate compliance with Parts 15a and/or 15b. (Basis: Offsets/Cumulative increase)
16. Deleted, Source test requirement, 7/6/04.
- 17a. The owner/operator of S-1 Truck Loading Rack shall not exceed:
- a. 244,624,000 gallons of gasoline and gasoline additives combined; 34,944,000 gallons of ethanol; 90,000,000 gallons of Diesel, Biodiesel, Renewable Diesel, and Jet A combined; and 3,000,000 gallons of Transmix, per consecutive 12-month rolling period.
  - b. 980,193 gallons of gasoline, gasoline additives, ethanol, and Transmix combined; and 29,120 gallons of Diesel, Biodiesel, Renewable Diesel, and Jet A combined, per calendar day; or 980,775 gallons of gasoline, gasoline additives, ethanol, Transmix, Diesel, Biodiesel, Renewable Diesel, and Jet A, combined, per calendar day.
  - c. The CARB certified terminal gasoline throughput limits (as of 8/91, the CARB certified hourly throughput limits is 66,000 gal/hr, and as of 8/2003, the CARB certified daily throughput limit is 875,000 gal/day).
- (Basis: Cumulative Increase, offsets, BACT)
- 17b. The Owner/Operator of S-1 and A-1 may load alternate materials other than the materials specified in Part 17a and/or usages in excess of those specified in Part 17a, provided that the Owner/Operator can demonstrate that all of the following are satisfied:
- a. Total POC and NPOC emissions combined, from S-1 and A-1 do not exceed 2.844 tons in any consecutive twelve-month period;
  - b. Total POC and NPOC emissions combined, from S-1 and A-1 do not exceed 19.62 pounds in any calendar day;
  - c. The use of these alternate materials does not increase toxic air contaminant (TAC) emissions equal to or above any acute and/or chronic TAC trigger level in Table 2-5-1 of Regulation 2, Rule 5. The

owner/operator shall maintain records of any TAC component contents of each alternate material used and supporting mass emission calculations demonstrating TAC emissions do not equal or exceed the acute and/or chronic TAC trigger levels in Table 2-5-1 of Regulation 2, Rule 5 by calculating TAC emissions on a pound per hour and pound per year basis, respectively.  
(Basis: Cumulative Increase; Offsets; BACT; Toxics)

18. The owner/operator of A-1 shall perform twice monthly inspection of the Vapor Holding Tank to determine organic concentrations in the airspace above the diaphragm. (Basis: Cumulative Increase)
19. Deleted, 7/4/04 Start up requirement.
20. The owner/operator of A-1 shall maintain Air District approved records of all data necessary to determine compliance with the above permit conditions and with the requirements of Regulation 8, Rule 33. These records shall be kept at the facility for a minimum of 5 years and shall be made available to Air District personnel upon request. (Basis: Record Keeping)

For S-18, FIXED ROOF STORAGE TANKS:

21. Source S-18 shall only store materials with a true vapor pressure of 0.1 psia or less. [Basis: Cumulative Increase or Regulation 2-1-234]

For S-5, S-7, S-8 AND S-9, OUT OF SERVICE STORAGE TANKS:

22. The owner/operator of S-5, S-7, S-8 and S-9 must notify the Air District in writing three days before any tanks return to service. All tank seal inspections and compliance verification must be done according to Regulation 8, Rule 5 prior to operation. [Basis: Regulation 8, Rule 5]

For S-10, STORAGE TANK:

23. The secondary wiper seal on Tank 9 (S-10) shall comply with the zero-gap criteria of Air District Regulation 8, Rule 5. [Basis: Regulation 8, Rule 5]

For S-6, S-10, S-11, S-29, S-30 AND S-51, STORAGE TANKS:

24. The primary and secondary seals on Tanks 10 (S-11), S-6, S-10, S-29, S-30, and S-51 shall meet the gap criteria as defined in Air District Regulation 8-5-321.3.2 & 8-5-322.3, respectively. [Basis: Regulation 8, Rule 5]

For S-27 AND S-28, STORAGE TANKS:

25. The owner/operator of S-27 and S-28 Internal Floating Roof Tanks shall contact the Air District at least 3 days before returning these tanks to service to allow for a complete inspection of the new floating roofs. [Basis: Regulation 8, Rule 5]
26. S-27 (Tank #27) shall be abated by an internal floating roof with a liquid mounted resilient foam log primary seal and a rim mounted secondary wiper seal. [Basis: Regulation 8, Rule 5]
- \*27. The annual average benzene concentration for all gasoline products stored in S-27 shall not exceed 4.0% (vol.). [Basis: Toxics Risk Assessment requirement adopted by the Air District Board on May 21, 1986]
- \*28. The owner/operator of S-27 shall maintain records of the benzene concentration (vol.) and total throughput for all gasoline products stored in S-27. If the benzene concentration is unavailable for a given gasoline shipment, the records shall indicate the reason for this unavailability. Unavailable concentration data shall not exceed 10% of the total volumetric throughput for S-27. These concentration and throughput records shall be made available to Air District personnel upon request and shall be kept for a minimum of five years. [Basis: Toxics Risk Assessment requirement adopted by the

Air District Board on May 21, 1986]

For S -51, STORAGE TANK:

29. The total cumulative throughput of gasoline for storage tank S-51 shall not exceed 773,000 bbl per any consecutive 12-month period. The daily throughput of gasoline shall be recorded in an Air District approved logbook and shall be retained for at least five years from date of entry. These records shall be made available to the Air District staff for inspection upon request. [Basis: Regulation 2-1-301]

For S -58, STORAGE TANK:

30. Total Jet Fuel "A" throughput at S-58 shall not exceed 34,944,000 gallons in any consecutive 12-month period. (Basis: Cumulative Increase)
31. Total Ethanol throughput at S-58 shall not exceed 34,944,000 gallons in any consecutive 12-month period. (Basis: Cumulative Increase)
32. The S-58 Internal Floating Roof Storage Tank shall store only Jet Fuel "A" and/or Ethanol. (Basis: Cumulative Increase)
33. The S-58 Internal Floating Roof Storage Tank shall be equipped with primary and secondary seals that are in compliance with requirements of Regulation 8, Rule 5, and 40 CFR 60, Subpart Kb for Storage of Organic Liquids. (Basis: Regulation 8, Rule 5, NSPS)
34. Monthly records of all precursor organic throughputs at S-58 shall be kept in an Air District approved log and retained for at least five years from the date of entry. This log shall be kept on site and made available to Air District Staff upon request. (Basis: Cumulative Increase)

For S - 59, OIL/WATER SEPARATOR:

35. Source S-59, Oil/Water Separator shall be equipped with a solid, gasketed, fixed cover totally enclosing the separator according to Regulation 8, Rule 8. (Basis: Regulation 8, Rule 8)

For S - 80, EMERGENCY STANDBY ENGINE:

36. Operating for reliability-related activities is limited to 50 hours per year per engine.

[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(3) or (e)(2)(B)(3)]

37. The owner or operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with an Air District, state or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating hours while mitigating emergency conditions or while emission testing to show compliance with Air District, state or Federal emission limits is not limited.

[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(3) or (e)(2)(B)(3)]

38. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained.

[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(4)(G)(1)]

39. Records: The owner/operator shall maintain the following monthly records in an Air District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic Minor Operating Permit). Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the Air District staff upon request.
- Hours of operation for reliability-related activities (maintenance and testing).
  - Hours of operation for emission testing to show compliance with emission limits.
  - Hours of operation (emergency).
  - For each emergency, the nature of the emergency condition.
  - Fuel usage for each engine(s).

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

For S – 13, AND S-14 STORAGE TANKS:

40. The owner/operator shall not load more than 98,754,987 gallons of gasoline into S-13 and S-14 in any consecutive 12-month period. [Basis: Cumulative Increase]
- \*41. The owner/operator shall ensure the average benzene concentration in all hydrocarbon liquids stored in Storage Tanks S-13 and S-14 is less than or equal to 1.608 % by weight. The owner/operator of sources S-13 and S-14 shall analyze all materials stored in each of these tanks for benzene concentration at least once every 6 months. Each tank shall be sampled within 30 days of start-up. If the owner/operator can demonstrate that several tanks contain hydrocarbon from a single source (shipment), then a single benzene analysis may be performed for that group of tanks. These records shall be kept on file for at least 5 years after the date of entry and shall be made available to Air District personnel upon request. All tests shall be performed in accordance with Air District approved laboratory procedures. [Basis: Cumulative Increase]
42. The owner/operator shall inspect all new valves and flanges associated with this project according to the criteria of Air District Regulation 8-18 and any future revisions to this rule. [Basis: Reg. 8-18]
43. The owner/operator shall ensure that sources S-13 and S-14 meet all applicable requirements of Air District Regulation 8-5, and Best Available Control Technology (BACT). [Basis: Reg. 8-5, BACT]
44. The POC emission from S-13 and S-14 combined shall not exceed 5.40 tons during any consecutive 12-month period. [Basis: Cumulative Increase]
45. In order to demonstrate compliance with the above conditions, the owner/operator of tanks S-13 and S-14 shall maintain the following records in an Air District approved log. These records shall be kept on site and made available for Air District inspection for a minimum period of five years from the date that the record was made. [Basis: Record keeping]
- The type and VOC content of all materials stored and the dates that the materials were stored
  - The total daily throughput of each material stored, summarized on a monthly and annual basis

For S-4 STORAGE TANK:

46. The owner/operator shall not load more than 3,100,734 gallons of gasoline/organic liquids into S-4 in any consecutive 12-month period. [Basis: Cumulative Increase]
47. The owner/operator shall ensure that the average benzene concentration in all hydrocarbon liquids stored in Storage Tank S-4 is less than or equal to 1.608 % by weight. The owner/operator of source S-4 shall analyze all materials stored in this tank for benzene concentration at least once every 6 months. The tank

shall be sampled within 30 days of start-up. If the owner/operator can demonstrate that several tanks contain hydrocarbon from a single source (shipment), then a single benzene analysis may be performed for that group of tanks. These records shall be kept on file for at least 5 years after the date of entry and shall be made available to Air District personnel upon request. All tests shall be performed in accordance with Air District approved laboratory procedures. [Basis: Cumulative Increase, Toxics]

48. The owner/operator shall inspect all new valves and flanges associated with this project according to the criteria of Air District Regulation 8-18 and any future revisions to this rule. [Basis: Reg. 8-18]
49. The owner/operator shall ensure that source S-4 meets all applicable requirements of Air District Regulation 8, Rule 5, and Best Available Control Technology (BACT) such as a liquid mounted primary seal and a zero gap secondary seal, all meeting the design criteria of Reg. 8, Rule 5. Also, all roof penetrations must be gasketed, slotted guide poles must be equipped with float and wiper seals, and adjustable roof legs must be fitted w/ vapor seal boots or equivalent. [Basis: Reg. 8-5, BACT]
50. The POC emissions from S-4 shall not exceed 2.86 tons during any consecutive 12-month period. [Basis: Cumulative Increase]
51. In order to demonstrate compliance with the above conditions, the owner/operator of tank S-4 shall maintain the following records in an Air District approved log. These records shall be kept on site and made available for Air District inspection for a minimum period of five years from the date that the record was made. [Basis: Cumulative Increase]
  - a. The type and VOC content of all materials stored and the dates that the materials were stored
  - b. The total daily throughput of each material stored, summarized on a monthly and annual basis

For S-82 CHEMICAL TOTES (2) & INJECTION SYSTEM:

52. The owner/operator of S-82 shall not have combined tote and fugitive emissions of more than 68.45 pounds of POC in any consecutive 12-month period. (Basis: Cumulative Increase)
53. The owner/operator of S-82, Chemical Tote & Injection System, shall not store any chemical additive material with a true vapor pressure that exceeds 1.5 psia. (Basis: Cumulative Increase)
54. The owner/operator of S-82, Chemical Tote & Injection System, shall equip the chemical tote with a submerged fill pipe that complies with the requirement of Regulation 8-5-301 for Storage of Organic Liquids. (Basis: Regulation 8-5)
55. The owner/operator of S-82 shall keep monthly throughput records of all chemical additive materials at S-82 in an Air District approved log. The records shall be retained for a period of at least five years from the date of entry. This log shall be kept on site and made available to Air District Staff upon request. (Basis: Recordkeeping)

Conditions for Fugitive Components installed as part of AN32039 (Biodiesel/Renewable Diesel Project):

- S-1 (Loading Rack)
  - S-24 (Tank 24 – Fixed Roof)
  - S-25 (Tank 25 – Fixed Roof)
  - S-75 (Tank 57 – Internal Floating Roof)
56. The owner/operator of S-1, S-24, S-25, and/or S-75 shall install only the following types of valves: (1) bellows sealed, (2) diaphragm Valves, (3) live loaded, (4) graphitic packed, (5) quarter-turn (e.g., ball valves or plug valves), and/or (6) equivalent (or other low emission valves) as determined by the APCO. (Basis: Regulation 2-2-208 Cumulative Increase, Typical Control Technology in BACT Handbook)
  57. The owner/operator of S-1, S-24, S-25, and/or S-75 shall comply with a leak standard of 100 ppm of Total Organic Compounds (TOC) measured as C1 at any valve installed unless the owner/operator complies with the applicable leak minimization and repair provisions contained in Regulation 8-18. All

valves shall be subject to the Part 67 inspection frequency. (Basis: Typical Control Technology in BACT Handbook)

58. The owner/operator of S-1, S-24, S-25, and/or S-75 shall install graphitic-based gaskets on all flanges or connectors (gasketed) or equivalent as determined by the APCO. (Basis: Typical Control Technology in BACT Handbook)
59. The owner/operator of S-1, S-24, S-25, and/or S-75 shall comply with a leak standard of 100 ppm of TOC (measured as C1) at any flanges/connectors unless the owner/operator complies with the applicable leak minimization and repair provisions contained in Regulation 8-18. All flanges/connectors shall be subject to the Part 67 inspection frequency. (Basis: Typical Control Technology in BACT Handbook)
60. The owner/operator of S-24 and/or S-25 shall install double mechanical seals w/ barrier fluid; magnetically coupled pumps; canned pumps; magnetic fluid sealing technology; seal system with leakage vented to thermal oxidizer; or other BAAQMD approved equivalent control device; or Air District approved control technology as determined by the APCO on all new/replaced pumps. All pumps shall be subject to the Part 67 inspection frequency. (Basis: Typical Control Technology in BACT Handbook)
61. The owner/operator of S-24 and/or S-25 shall comply with a leak standard of 100 ppm of TOC (measured as C1) at any pump unless the owner/operator complies with the applicable leak minimization and repair provisions contained in Regulation 8-18. (Basis: Typical Control Technology in BACT Handbook)
62. The owner/operator of S-1, S-24, S-25, and/or S-75 shall identify all new/replaced valves, connectors, pressure relief devices, compressors, and pumps with a unique permanent identification code and shall include all new/replaced fugitive equipment in the fugitive equipment monitoring and repair program. The owner/operator shall monitor all repaired equipment within 24 hours of the repair. The unique permanent identification code does not apply to quarter-inch or less tubing and connectors associated with analytical sampling systems. (Basis: Regulation 8-18-402 Identification)
63. The owner/operator of S-1, S-24, S-25, and/or S-75 has been permitted to install new and/or replace the following number of TOC service fugitive components for AN32039:
  - 81 valves
  - 114 flanges
  - 222 connectors
  - 6 PSV's/PRV's
  - 32 other components
  - 2 pumps(Basis: Regulation 2-2-208 Cumulative Increase)
64. The owner/operator of S-1, S-24, S-25, and/or S-75 shall not exceed 0.36 tons per consecutive 12 month period of TOC emissions (measured as C1) from all fugitive component counts installed in Part 63. Compliance with this provision shall be verified quarterly using methods described in Part 66. The results shall be submitted to the Air District within 30 days of the close of each calendar quarter after commencing with start-up of the system. The owner/operator shall keep records of fugitive component counts (including the unique permanent identification codes) and corresponding TOC emissions for at least five years from date of entry. For the purposes of these conditions POC/NMOC emissions shall be considered equal to the TOC emissions as determined by the Regulations 2-2 and 8-18 LDAR program. (Basis: Regulation 2-2-208 Cumulative Increase, Regulation 8-18)
65. Within 30 days of the completion of the installation of all fugitive components for each subpart in Part 63, the owner/operator of S-1, S-24, S-25, and/or S-75 shall submit a final component counts for each source, final component counts for the Biodiesel/Renewable Diesel Project (AN32039), and TOC emissions estimate using the approved methods within these conditions to the Air District. Any new and/or replaced components shall be included as installed. If any of the fugitive component counts



exceed or is less than a count stated above, the plant's cumulative increase emissions and TAC emissions estimate shall be adjusted as needed, subject to APCO approval, to reflect only the difference between emissions based on predicted component counts versus actual component counts. The amount of refund or additional offsets and if an HRA is needed shall be addressed or provided before issuance of the permit to operate. (Basis: Regulation 2-2-208 Cumulative Increase, Regulation 8-18)

66. The owner/operator of S-1, S-24, S-25, and/or S-75 shall calculate fugitive emissions utilizing only Air District approved methods. For all components, the owner/operator shall use the California Air Pollutant Control Officers Association (CAPCOA) correlation equations, midpoint method, default zero factors, 10,000 ppm pegged factors and/or other method approved by the Air District. The owner/operator shall include emissions estimates from all fugitive components associated with this application in order to demonstrate compliance with Parts 64 and 68 through 71. The quarterly fugitive emissions calculations shall start upon installation of any new/replaced components identified in Part 63 with the results being submitted to the Air District within 30 days of the close of each quarter. (Basis: Regulation 2-2-208 Cumulative Increase, Typical Control Technology in BACT Handbook, Regulation 8-18)
67. The owner/operator of S-1, S-24, S-25, and/or S-75 shall conduct inspections of fugitive components of these conditions in accordance with the frequency below:

Valves:	Quarterly
Connectors:	Biannual (twice a year)
Flanges:	Biannual (twice a year)
Pressure Relief Valves:	Quarterly
Compressors:	Quarterly
Pumps:	Quarterly
Process Drains:	Quarterly

(Basis: Regulation 8-18, BACT)

68. The owner/operator of S-1 (Loading Rack) has been permitted for the following total number of TOC service fugitive components:
- 310 valves
  - 951 connectors
  - 221 others
  - 523 flanges

Source S-1 may exceed the component counts specified above provided that both the emissions from all fugitive components added and/or replaced qualify for the exemption under Regulation 2-1-128.21. The owner/operator of S-1 shall submit an application to update the fugitive counts above, to update the mass emission limits both above (Part 64) and the paragraph below, to confirm that BACT has been satisfied, and to provide offsets for the new/replaced components. The potential to emit of the added and/or replaced fugitive components shall be calculated according to Regulation 8-18 requirement and shall be used to determine the offsets due and if an HRA is required. The application shall be submitted to the Air District by the end of January for the previous calendar year's component counts added and/or replaced. Any new and/or replaced components shall be included and reported as required by Parts 63 and/or 64.

The owner/operator of S-1 shall not exceed 28.70 lbs per day and/or 1.577 tons per consecutive 12 month period of TOC emissions (measured as C1) from all fugitive components included in the above counts. Compliance with this provision shall be verified quarterly using methods described in Part 66. The results shall be submitted to the Air District within 30 days of the close of each calendar quarter after commencing with start-up of any equipment included as part of Application 32039. The owner/operator shall keep records of fugitive component counts, unique identification numbers, and corresponding TOC emissions for at least five years from date of entry. For the purposes of these conditions POC/NMOC emissions shall be considered equal to the TOC emissions are determined by the Regulations 2-2 and 8-18 LDAR program. (Basis: Regulation 2-2-208 Cumulative Increase, Regulation 8-18)

69. The owner/operator of S-75 has been permitted for the following total number of TOC service fugitive components:
- 30 valves
  - 93 connectors
  - 3 PSV's/PRV's
  - 6 others
  - 1 pumps
  - 36 Flanges

Source S-75 may exceed the component counts specified above provided that both the emissions from all fugitive components added and/or replaced qualify for the exemption under Regulation 2-1-128.21. The owner/operator of S-75 shall submit an application to update the fugitive counts above, to update the mass emission limits both above (Part 64) and the paragraph below, to confirm that BACT has been satisfied, and to provide offsets for the new/replaced components. The potential to emit of the added and/or replaced fugitive components shall be calculated according to Regulation 8-18 requirement and shall be used to determine the offsets due and if an HRA is required. The application shall be submitted to the Air District by the end of January for the previous calendar year's component counts added and/or replaced. Any new and/or replaced components shall be included and reported as required by Parts 63 and/or 64.

The owner/operator of S-75 shall not exceed 14.75 lbs per day and/or 0.126 tons per consecutive 12 month period of TOC emissions (measured as C1) from all fugitive components included in the above counts. Compliance with this provision shall be verified quarterly using methods described in Part 66. The results shall be submitted to the Air District within 30 days of the close of each calendar quarter after commencing with start-up of any equipment covered by Application 32039. The owner/operator shall keep records of fugitive component counts, unique identification numbers, and corresponding TOC emissions for at least five years from date of entry. For the purposes of these conditions POC/NMOC emissions shall be considered equal to the TOC emissions as determined by the Regulations 2-2 and 8-18 LDAR program. (Basis: Regulation 2-2-208 Cumulative Increase, Regulation 8-18)

For S-26 Transmix Storage Tank

70. The owner/operator of S-26 shall only store Transmix. The owner/operator of S-26 shall not exceed a maximum True Vapor Pressure (TVP) of greater than 5.397 psia. (Basis: Cumulative Increase)
71. The owner/operator of S-26 shall not exceed 3,000,000 gallons of Transmix during any consecutive twelve-month period. (Basis: Cumulative Increase)
72. The owner/operator of S-26 shall not exceed 115,878 gallons of Transmix during any calendar day. (Basis: Cumulative Increase)
73. The owner/operator of S-26 shall demonstrate compliance with the limits specified in Part 70 via either SDS or sampling of the Transmix prior to loading into S-26 using the approved BAAQMD Method 13. (Basis: Cumulative Increase)
74. The owner/operator of S-26 shall perform sampling analysis on a monthly basis using the approved BAAQMD Method 13 to determine the True Vapor Pressure of the Transmix material per Part 70. (Basis: Cumulative Increase)
75. The owner/operator of S-26 shall not exceed the following:
- a. Total POC and/or NPOC emissions combined from S-26 do not exceed 2,453 pounds in any consecutive twelve-month period;
  - b. Total POC and/or NPOC emissions combined from S-26 do not exceed 7.31 pounds in any calendar day;
- (Basis: Cumulative Increase)

76. To determine compliance with the above parts, the owner/operator shall maintain the following records and provide all of the data necessary to evaluate compliance with the above parts, including the following information:
- a. Quantities and Safety Data Sheets and/or TVP analytical data of Transmix stored at this source on a daily and monthly basis.
  - b. Daily and monthly throughput and/or emission calculations shall be totaled for each consecutive twelve-month period.
  - c. Records of all monthly TVP analyses per part 74.
- All records shall be retained on-site for five years, from the date of entry, and made available for inspection by Air District staff upon request. These recordkeeping requirements shall not replace the recordkeeping requirements contained in any applicable Air District Regulations. (Basis: Cumulative Increase; Toxics)

*END OF CONDITION*