



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

PERMIT TO OPERATE

T000098

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: JULY 2026

OWNER OF OPERATOR (Co.#2)

CALNEV Pipe Line, LLC
1001 Louisiana Street
Houston, TX 77002-5089

EQUIPMENT LOCATION (Fac.#353)

CALNEV - Barstow Terminal
34277 Daggett-Yermo Road
Daggett, CA 92327

Description:

PETROLEUM PRODUCT STORAGE TANK consisting of: Petroleum Product Storage Tank #332: Multiple product, double deck floating roof construction with a maximum capacity of 17,315 barrels

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles in a manner consistent with good air pollution control practice for minimizing emissions. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[40 CFR 63.11085, District Rule 1302(C)(2)(a)]
2. The maximum True Vapor Pressure (TVP) of organic liquids stored in this tank shall not exceed 11.0 psia (75.9 kPa) under storage conditions.
[40 CFR 60.112b, Rule 463(C)(1)(a)(viii)]
3. The roof shall be floating on the stored liquid at all times, except when the floating roof is supported by its leg supports or other support devices (e.g. hangers from the fixed roof). When the storage vessel is storing liquid, but the liquid depth is insufficient to float the floating roof, the process of filling to the point of refloating the floating roof shall be continuous and shall be performed as soon as practical.

Fee Schedule: 5 (c)

Rating: 727000 gallons

SIC: 5171

SCC: 40400149

Location/UTM(Km):
510E/3859N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

CALNEV Pipe Line, LLC
1001 Louisiana Street

Houston, TX 77002-5089

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

[40 CFR 63.1063(b)]

4. The accumulated area of gaps between the tank wall and the primary seal shall not exceed 212 square centimeters per meter (10 square inches per foot of vessel diameter) of tank diameter, and the width of any portion of any gap shall not exceed 3.81 centimeters (1.5 inches).

[40 CFR 63.1063(d)(3)(ii)]

5. The ratio of seal gap area to vessel diameter for the secondary seal shall not exceed 21.2 square centimeters per meter (1.0 square inch per foot), and the maximum gap shall not exceed 1.27 centimeters (0.5 inches), except when the secondary seal must be pulled back or removed to inspect the primary seal.

[40 CFR 63.1063(d)(3)(iii)]

6. Inspections of the primary seal shall be performed within 90 days of an initial fill of the tank, and at least once every five (5) years thereafter, in accordance with the procedure requirements specified in 40 CFR 63.1063(d)(3).

[40 CFR 63.1063(d)(2)]

7. Inspections of the secondary seal shall be performed within 90 days of an initial fill of the tank, and at least once per year thereafter, in accordance with the procedure requirements specified in 40 CFR 63.1063(d)(3).

[40 CFR 63.1063(c)(2)]

8. The external floating roof shall be inspected each time this storage vessel is completely emptied and degassed, or every 10 years, whichever occurs first, as specified in 40 CFR 63.1063(d)(1).

[40 CFR 63.1063(c)(2)(iii)]

9. If the owner or operator determines that it is unsafe to perform the floating roof primary and secondary seal inspections specified within 40 CFR 63.1063(c)(2)(i) and 40 CFR 63.1063(c)(2)(ii), the owner or operator must either:

a. Perform the inspections no later than 30 days after the determination that the floating roof is unsafe; or,

b. Remove the storage vessel from liquid service no later than 45 days after determining that the floating roof is unsafe.

If the vessel cannot be emptied within 45 days, the owner or operator may utilize up to two extensions of up to 30 additional days each.

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Documentation of a decision to use an extension shall include an explanation of why it was unsafe to perform the inspection,

documentation that alternative storage capacity is unavailable, and a schedule of actions that will ensure that the vessel will be emptied as soon as practical.

[40 CFR 63.1063(c)(2)(iv)]

10. Conditions causing seal inspections failures under 40 CFR 63.1063(d) shall be repaired as specified:

a. If the inspection is performed while the storage vessel is not storing liquid, repairs shall be completed before the refilling of the storage vessel with liquid; and,

b. If the inspection is performed while the storage vessel is storing a liquid, repairs shall be completed or the vessel removed from service within 45 days.

If a repair cannot be completed and the vessel cannot be emptied within 45 days, the owner or operator may use up to 2 extensions of up to 30 additional days each. Documentation of a decision to use an extension shall include a description of the failure, shall document that alternate storage capacity is unavailable, and shall specify a schedule of actions that will ensure that the control equipment will be repaired or the vessel will be completely emptied as soon as practical.

[40 CFR 63.1063(e)]

11. Owners or operators who choose to comply with 40 CFR Part 63, Subpart WW, must maintain the following records and furnish the following reports:

a. For each affected facility, the owner or operator must notify the District at least 30 days before the first inspection is conducted under 40 CFR Part 63, Subpart WW. After this notification is submitted to the District, the owner or operator must continue to comply with the alternative standard described within 40 CFR 60.110b(e)(5) until the owner or operator submits another notification to the District indicated the affected facility is using the requirements of 40 CFR 60.112b through 60.117b instead of the alternative standard described within 40 CFR 60.110b(e)(5). The compliance schedule for events does not reset upon switching between compliance with 40 CFR Part

60, Subpart Kb and 40 CFR Part 63, Subpart WW;

b. Records of each affected facility using the alternative standard described within 40 CFR 60.110b(e)(5) when conducting an inspection required by 40 CFR 63.1063(c)(1);

c. Records of each affected facility using the alternative standard described within 40 CFR 60.110b(e)(5) when conducting an inspection required by 40 CFR 63.1063(c)(2);

d. Copies of all records and reports pursuant to 40 CFR 60.115b(a) and (b) that have not met the 2-year record retention required by the introductory text of 40 CFR 60.115b must be kept for an additional 2 years after the date of submittal of the inspection notification, pursuant to 40 CFR 60.110b(e)(5)(iv)(A), indicating the affected facility is using the requirements of 40 CFR Part 63, Subpart WW; and,

e. Copies of all records and reports pursuant to 40 CFR 63.1065 that have not met the 5-year record retention required by the introductory text of 40 CFR 63.1065 must be kept for an additional 5 years after the date of submittal of the notification, pursuant to 40 CFR 60.110b(e)(5)(iv)(A), indicating the affected facility is using the requirements of 40 CFR Part 60.112b through 60.117b.

Please note: The reference in 40 CFR 63.1066(b)(2) to periodic reports "when inspection failures occur" means to submit inspection results within 60 days of the initial gap measurements required by 40 CFR 63.1063(c)(2)(i) and within 30 days of all other inspections required by 40 CFR 63.1063(c)(1) and (2).

[40 CFR 60.110b(e)(5)(iv)]

12. All gauge hatches, roof supports, manholes, automatic bleeder vents, rim vents and gauge wells shall be equipped with vapor-tight seals or breather vents set at no less than 10% of the maximum allowable working pressure of the roof.

[District Rule 463]

13. All openings in the tank roof shall be equipped with a projection, which extends below the liquid surface.

[District Rule 463]

14. Roof drains shall be equipped with slotted membrane fabric cover, or equivalent, which covers at least 90% of the drain area.

[District Rule 463]

15. The owner/operator shall maintain an operations log for each day's operations (from midnight to midnight) which shall include, as a minimum, the following information. This log shall be kept current and on-site (or at a central location) for a minimum of five (5) years, and shall be provided to District, State and Federal personnel upon request:

a. The aggregated total amount of petroleum products transferred from the supplying pipelines and tanker trucks into all storage tanks combined, by product type and CAS, in gallons;

b. Average volume of petroleum products stored onsite;

c. Storage and transfer temperatures of petroleum products, in degrees Fahrenheit;

d. Monthly summary of incoming and outgoing petroleum product throughput, in gallons;

e. Running consecutive twelve (12) month summary of incoming and outgoing petroleum product throughput, in gallons;

f. Records of all primary and secondary seal inspections;

g. Records of all maintenance or repairs to the tank and to the primary and secondary seals, including the dates and times any temporary vapor control equipment was employed, including mobile degassing equipment;

h. Records of all tank emptyings and refillings; and

i. Records of the occurrence and duration of each malfunction of operation and what corrective actions were taken to minimize emissions.

[40 CFR 70.6(a)(3)(ii)(b), District Rule 463]