

JUN 30 2015

Rolando Trevino
Pacific Gas & Electric Company
P O Box 7640
San Francisco, CA 94120

RE: Final – Authority to Construct/Certificate of Conformity (Minor Mod)
Facility Number: N-608, Project Number: N-1143830

Dear Mr. Trevino:

The Air Pollution Control Officer has issued the Authority to Construct permit to Pacific Gas & Electric Company for pipeline liquid transfer, storage and loadout operation, at McDonald Island, Holt, California.

Enclosed is the Authority to Construct permit. The District's analysis of the proposal was sent to US EPA Region IX on May 4, 2015. No comments were received following the District's preliminary decision on this project.

Also enclosed is an invoice for the engineering evaluation fees pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoice, within 60 days.

Prior to operating with the modifications authorized by the Authority to Construct, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5. Application forms have been enclosed for your use. These forms may also be found on the District's website at www.valleyair.org.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Nick Peirce at (209) 557-6400.

Sincerely,



Arnaud Marjollet
Director of Permit Services

AM: jk

Enclosures

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

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

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



AUTHORITY TO CONSTRUCT

PERMIT NO: N-608-32-0

ISSUANCE DATE: 06/29/2015

LEGAL OWNER OR OPERATOR: PACIFIC GAS & ELECTRIC CO.

MAILING ADDRESS:

ATTN: AIR QUALITY PERMITS
P O BOX 7640
SAN FRANCISCO, CA 94120

LOCATION:

MCDONALD ISLAND COMPRESSOR STATION
HOLT, CA 95234

EQUIPMENT DESCRIPTION:

PIPELINE LIQUID TRANSFER, STORAGE, AND LOADOUT OPERATION CONSISTING OF A 2,000 GALLON CONVAULT ABOVEGROUND FIXED ROOF STORAGE TANK (D-10) EQUIPPED WITH A PRESSURE VACUUM RELIEF VALVE, AND TANKER TRUCK LOADOUT EQUIPMENT

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. The Reid vapor pressure (RVP) of the organic stored in the tank shall not exceed 3.3 psia. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
5. The organic liquid transfer into the tank shall not exceed any of the following limits: 900 gallons/day and 16,000 gallons/year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
6. VOC emissions from transferring and storage of organic liquid in the tank shall not any of the following limits: 1.9 lb/day and 58 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU **MUST** NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 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 Sadredin, Executive Director / APCO


Arnaud Marjollet, Director of Permit Services

N-608-32-0 Jun 29 2015 3:08PM - KAH/LONJ Joint Inspection NOT Required

7. The owner or operator shall determine TVP within 60 days of initial startup and at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in the tank. The records of TVP testing shall be submitted within 45 days after the date of testing. The records shall include the tank identification number, permit number, type of stored organic liquid, TVP of the stored organic liquid, test methods used, and a copy of the test results. [District Rule 4623] Federally Enforceable Through Title V Permit
8. TVP shall be determined at actual storage temperature of the organic liquid in the tank. [District Rule 4623] Federally Enforceable Through Title V Permit
9. TVP of the organic liquid shall be determined by measuring the RVP using ASTM D 323-94 (Test Method for Vapor Pressure for Petroleum Products), and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance with the procedures in Appendix B. Appendix B is an excerpt from the oil and gas section of "ARB Technical Guidance Document to the Criteria and Guidelines Regulation for AB 2588", dated August 1989. Should the permittee want to use different methodology, then that methodology should be first approved by the District and or the EPA. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
10. The pressure-vacuum relief valve shall be set to within 10 percent of the maximum allowable working pressure of the tank. The pressure-vacuum relief valve shall be permanently labeled with the operating pressure settings. The pressure-vacuum relief valve shall be properly installed and maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in leak-free condition except when the operating pressure exceeds the valve set pressure. [District Rule 4623] Federally Enforceable Through Title V Permit
11. The owner or operator shall keep records of the date, name of the organic liquid stored, organic liquid RVP, TVP and its storage temperature. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
12. The owner or operator shall keep records of: a.) date, b.) amount of organic liquid transferred into the tank (gallons/day), c.) amount of organic liquid transferred into the tank (gallons/month), and d.) cumulative total amount of organic liquid transferred into the tank in a consecutive 12-month rolling period. [District Rule 2201] Federally Enforceable Through Title V Permit
13. VOC emissions from tanker truck loading operation shall not exceed 0.9 lb/1,000 gallons of pipeline condensate liquid loaded. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The organic liquid loading into tanker truck(s) shall not exceed any of the following limits: 2,000 gallons/day and 16,000 gallons/yr (12-month rolling basis). [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit
15. The owner or operator shall keep records of: a.) date, b.) amount of organic liquid loaded into a tanker truck (gallons/day), c.) amount of organic liquid loaded into a tanker truck (gallons/month), and d.) cumulative total amount of organic liquid loaded into a tanker truck in a consecutive 12-month rolling period. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit
16. The organic liquid drainage from disconnections associated with the tanker truck loadout equipment shall not exceed 10 mL per disconnect. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The total number of disconnects shall not exceed any of the following limits: 2 disconnects/day and 24 disconnects/year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
18. The operator shall determine an average organic liquid drainage for three consecutive disconnects to demonstrate compliance with the permitted organic liquid drainage limit of 10 mL per disconnect. The drainage shall be determined within 60 days of initial startup of the tanker truck transfer operation and the associated records shall be submitted within 45 days after the testing. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The owner or operator shall keep records of: a.) date, b.) number of disconnects (disconnects/day), c.) number of disconnects (gallons/month), and d.) cumulative total number of disconnects in a consecutive 12-month rolling period. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Fugitive VOC emissions from components (i.e., valves and connectors located within 60 feet of piping to the D-10 tank) used to route the organic liquid into the tank shall not exceed any of the following limits: 5.7 lb/day and 2,063 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

21. Fugitive VOC emissions shall be calculated using the EPA "Protocol for Equipment Leak Emissions Estimates (EPA-453/R-95-017 (November 1995), Table 2-1, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Average Emission Factors. [District Rule 2201] Federally Enforceable Through Title V Permit
22. For the components covered under this permit, the owner or operator shall keep records of the type of component, number of components, emission factors, total daily (lb/day) and annual VOC emissions (lb/year). [District Rule 2201] Federally Enforceable Through Title V Permit
23. Except as otherwise provided in this permit, all piping, valves, and fittings under this permit shall be constructed and maintained in a leak-free condition. Leak free condition is defined as a condition without a gas leak or a liquid leak. [District Rule 2201] Federally Enforceable Through Title V Permit
24. Gas leak is 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 test method in Section 6.4.8 of Rule 4623. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
25. Liquid Leak is dripping of organic liquid at a rate of more than 3 drops per minute. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
26. Upon detection of a leaking component covered under this permit, the operator shall affix to that component a weatherproof readily visible tag with the date and time of leak detection, the date and time of leak measurement, and for gas leaks, the leak concentration in ppmv. The tag shall remain affixed to the component until the component is repaired or replaced. [District Rule 2201] Federally Enforceable Through Title V Permit
27. All equipment that are found leaking shall be repaired or replaced within 72 hours of detection. The repaired or replaced equipment must be re-inspected. [District Rule 2201] Federally Enforceable Through Title V Permit
28. The owner or operator shall inspect the components (i.e., valves and connectors) under this permit unit within 60 days of initial startup and at least once every 12 months thereafter. The leak inspections shall be performed using a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Method 21. The instrument shall be calibrated with methane in accordance with the procedures specified in EPA Method 21 or the manufacturer's instructions, as appropriate, not more than 30 days prior to its use. The operator shall record the calibration date of the instrument. [District Rule 2201] Federally Enforceable Through Title V Permit
29. For each component inspected, the owner or operator shall keep records of the date, name of component, its location, measured ppmv value, the name of the operator and the company conducting the leak inspection. [District Rule 2201] Federally Enforceable Through Title V Permit
30. All records shall be retained for a minimum of five years and shall be made available to the District, ARB, or EPA during normal business hours and submitted upon request. [District Rules 2201, 4623 and 4624] Federally Enforceable Through Title V Permit
31. Prior to operating under this permit, the owner or operator shall mitigate the following quantities of VOC: 1st quarter: 533 lb, 2nd quarter: 534 lb, 3rd quarter: 534 lb, and 4th quarter: 534 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (4/21/11). [District Rule 2201] Federally Enforceable Through Title V Permit
32. VOC ERC N-868-1 (or a certificate split from this certificate) shall be used to supply the required VOC offsets, unless a revised offsetting proposal is received and approved by the District. Following the revisions, this Authority to Construct permit shall be re-issued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to re-issuance of this Authority to Construct permit. [District Rule 2201] Federally Enforceable Through Title V Permit