



FEB 24 2010

Gerardo C. Rios, Chief
Permits Office (AIR-3)
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

**Re: Notice of Final Action - Minor Title V Permit Modification
District Facility # S-1738
Project # S-1080812**

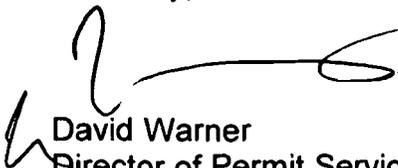
Dear Mr. Rios:

The Air Pollution Control Officer has modified the Title V permit for Vintage Production California LLC by incorporating Authority to Construct (ATC) S-1738-122-10. ATC S-1738-122-10 authorizes the operation of an existing dormant 195 bhp natural gas fired engine with three-way catalyst powering an oil well pump at multiple unspecified locations within Vintage's Light Oil Western (Kern County) Stationary Source. The engine is presently a compliant dormant emissions unit (DEU). The ATC did not modify the current dormancy status of the engine. However, as this engine is a compliant DEU, the Permit to Operate allows Vintage to recommence operation of the IC engine without an ATC, provided a source test is conducted with 60 days of recommencing operation.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on December 17, 2009. No comments were received following the District's preliminary decision on this project.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,



David Warner
Director of Permit Services

DW:bkc

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Enclosures

Northern Region
4800 Enterprise Way
Modesto, CA 95358-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
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Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



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Joey Barulich, Sr HES Advisor
Vintage Production California LLC
9600 Ming Ave, Ste 300
Bakersfield, CA 93311

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District Facility # S-1738
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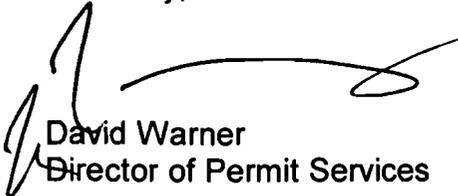
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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-1738-122-12

EXPIRATION DATE: 02/28/2009

SECTION: v TOWNSHIP: v RANGE: v

EQUIPMENT DESCRIPTION:

MODIFICATION OF DORMANT 195 BHP WAUKESHA MODEL F-1197 NATURAL GAS-FIRED IC ENGINE WITH NON-SELECTIVE CATALYTIC REDUCTION (NSCR) POWERING AN OIL WELL PUMP (MULTIPLE UNSPECIFIED LOCATIONS WITHIN S-1738 LIGHT OIL WESTERN STATIONARY SOURCE)

PERMIT UNIT REQUIREMENTS

1. This IC engine shall not be located within 1,000 feet of any K-12 grade school. [CH&SC 42301.6]
2. Permittee shall notify District Compliance Department of each location at which the IC engine is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 1070]
3. Operator shall maintain records of IC engine location and dates spent at each location and make such records available for District inspection upon request. [District Rule 1070]
4. When this unit is not operated (dormant for Rule 4702), the fuel supply line shall be physically disconnected from this unit. [District Rule 4702, 6.3] Federally Enforceable Through Title V Permit
5. A source test to demonstrate compliance with the indicated emission limits shall be performed within 60 days of recommencing operation of this unit if a source test has not been conducted in the past 24 months. [District Rule 4702, 6.3.2] Federally Enforceable Through Title V Permit
6. Upon 7 days written notice to the District, this engine may be designated as a dormant emission unit or an active emission unit. [District Rule 1070] Federally Enforceable Through Title V Permit
7. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702, 5.6.6] Federally Enforceable Through Title V Permit
8. Upon recommencing operation, particulate emissions shall not exceed at the point of discharge, 0.1 gr/dscf. [District Rule 4201; Kern County Rule 404] Federally Enforceable Through Title V Permit
9. Upon recommencing operation, sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
10. Upon recommencing operation, unit shall be fired only on PUC quality natural gas with a sulfur content of less than or equal to 0.017% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
11. Upon recommencing operation, if the IC engine is fired on PUC-regulated natural gas, then maintain on file copies of all natural gas bills. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
12. Upon recommencing operation, if the engine is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072, D 3246, D 4468 or D 6667. [District Rule 2520, 9.4.2] 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: VINTAGE PRODUCTION CALIFORNIA LLC

Location: LIGHT OIL WESTERN STATIONARY SOURCE, WESTERN KERN COUNTY, KERN COUNTY, CA

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13. Upon recommencing operation, if the engine is not fired on PUC-regulated natural gas, the sulfur content of each fuel source shall be tested weekly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
14. Upon recommencing operation, emissions from this IC engine shall not exceed any of the following limits: 25 ppmvd NO_x @ 15% O₂ or 0.35 g-NO_x/hp-hr; 2,000 ppmvd CO @ 15% O₂ or 17.0 g-CO/hp-hr; or 159 ppmvd VOC @ 15% O₂ or 0.77 g-VOC/hp-hr. [District NSR Rule and District Rule 4702, 5.1] Federally Enforceable Through Title V Permit
15. Upon recommencing operation, permittee shall monitor and record, on a monthly basis, the catalyst inlet and outlet temperatures. [District Rule 4702, 6.5] Federally Enforceable Through Title V Permit
16. Upon recommencing operation, the acceptable catalyst temperature differential shall be established by source testing this unit or other representative units as approved by the District. The normal range/level shall be any temperature increase across the catalyst unless compliance with applicable NO_x and CO emissions limits have been demonstrated through source testing at a similar temperature drop. [District Rule 4702, 6.5] Federally Enforceable Through Title V Permit
17. Upon recommencing operation, permittee shall maintain records of the date and time of temperature measurements and the measured temperatures. The records shall also include a description of any corrective action taken to maintain the temperature differential at the acceptable level. [District Rule 4702, 6.5] Federally Enforceable Through Title V Permit
18. Upon recommencing operation, if the catalyst temperature differential is outside of the normal range/level, the permittee shall notify the District and take corrective action (i.e. temperature differential returned to normal range/level) with one (1) hour of detection. If the catalyst temperature differential rate is not immediately corrected, the permittee shall conduct a source test within 60 days, to demonstrate compliance with the applicable emissions limits at the new temperature differential. [District Rule 4702, 6.5] Federally Enforceable Through Title V Permit
19. Upon recommencing operation, this engine shall be operated and maintained in proper operating condition per the manufacturer's requirements as specified on the Inspection and Monitoring (I&M) plan submitted to the District. [District Rule 4702, 6.3.3, 6.5.1, 6.5.2] Federally Enforceable Through Title V Permit
20. The permittee shall update the I&M plan for this engine prior to any planned change in operation. The permittee must notify the District no later than seven days after changing the I&M plan and must submit an updated I&M plan to the APCO for approval no later than 14 days after the change. The date and time of the change to the I&M plan shall be recorded in the engine's operating log. For modifications, the revised I&M plan shall be submitted to and approved by the APCO prior to issuance of the Permit to Operate. The permittee may request a change to the I&M plan at any time. [District Rule 4702, 6.5.9] Federally Enforceable Through Title V Permit
21. Upon recommencing operation, the permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every calendar quarter (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the engine is not in operation, i.e. the engine need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the engine unless monitoring has been performed within the last month if on a monthly monitoring schedule, or within the last quarter if on a quarterly monitoring schedule. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rule 4702, 5.6] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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22. Upon recommencing operation, if either the NO_x or CO concentrations corrected to 15% O₂, as measured by the portable analyzer, exceed the allowable emission concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 8 hours after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 8 hours, the permittee shall notify the District within the following 1 hour, and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4702, 5.6] Federally Enforceable Through Title V Permit
23. Upon recommencing operation, all alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the permit-to-operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4702, 5.6] Federally Enforceable Through Title V Permit
24. Upon recommencing operation, the permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 15% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4702, 6.2.1] Federally Enforceable Through Title V Permit
25. Upon recommencing operation, source testing to measure natural gas-combustion NO_x, CO, and VOC emissions from this engine shall be conducted not less than once every 24 months. [District NSR Rule and District Rule 4702, 6.3.2] Federally Enforceable Through Title V Permit
26. Upon recommencing operation, compliance demonstration (source testing) shall be by District witnessed, or authorized, sample collection by ARB certified testing laboratory. [District Rule 1081] Federally Enforceable Through Title V Permit
27. Upon recommencing operation, source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
28. Upon recommencing operation, 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
29. The following source test methods shall be used: NO_x (ppmv) - EPA Method 7E or ARB Method 100; CO (ppmv) - EPA Method 10 or ARB Method 100; VOC - EPA Method 25A or 25B, or ARB Method 100; stack gas oxygen - EPA Method 3 or 3A or ARB Method 100. EPA approved alternative test methods may also be used to satisfy the source testing requirements of this permit with prior written approval from the APCO. [District Rule 4702, 6.4] Federally Enforceable Through Title V Permit
30. Emissions source testing shall be conducted with the engine operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. [District Rule 4702, 6.3.3] Federally Enforceable Through Title V Permit
31. Upon recommencing operation, this engine shall be operated within the ranges that the source testing has shown result in pollution concentrations within the emissions limits as specified on this permit. [District Rule 4702, 6.3.3] Federally Enforceable Through Title V Permit
32. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit, the test cannot be used to demonstrate compliance with an applicable limit. VOC emissions shall be reported as methane. VOC, NO_x, and CO concentrations shall be reported in ppmv, corrected to 15% oxygen. [District Rule 4702, 6.3.3] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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33. Upon recommencing operation, the permittee shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type and quantity (cubic feet of gas) of fuel used, maintenance (e.g. catalyst maintenance and cleaning intervals) or modifications performed, monitoring data (e.g. make and model of exhaust gas analyzer, exhaust gas analyzer calibration records), compliance source test results, and any other information necessary to demonstrate compliance. [District Rule 4702, 6.2.1] Federally Enforceable Through Title V Permit
34. The operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of at least five years. For units at unstaffed sites or operated remotely, records may be maintained and retained at a District-approved off-site location. [District Rules 2520, 9.4.2 and 4702, 6.2.2] Federally Enforceable Through Title V Permit
35. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rules 406 (Fresno), 404 (Madera), 407 (Kern, Kings, San Joaquin, Stanislaus, Merced, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
36. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

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Facility Name: VINTAGE PRODUCTION CALIFORNIA LLC

Location: LIGHT OIL WESTERN STATIONARY SOURCE, WESTERN KERN COUNTY, KERN COUNTY, CA

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