



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

APR 02 2014



HEALTHY AIR LIVING™

Ms Jennifer Hart
Vintage Production Company
9600 Ming Avenue, Suite 300
Bakersfield, CA 93311

Re Final - Authority to Construct / COC (Significant Mod)
District Facility # S-1737
Project # S-1132866

Dear Ms Hart

The Air Pollution Control Officer has issued an Authority to Construct (ATC # S-1737-180-2) with a Certificate of Conformity to Vintage Production Company at various unspecified locations within the Light Oil Central stationary source Vintage proposed to increase flare S-1737-180-2's daily throughput and change its emission limit units from lb/MMBtu to lb/Mscf Enclosed is the an Authority to Construct and a copy of the notice of final action to be published approximately three days from the date of this letter

Notice of the District's preliminary decision to issue the Authority to Construct permit was published on February 10, 2014 The District's analysis of the proposal was also sent to CARB and US EPA Region IX on February 5, 2014 No comments were received following the District's preliminary decision on this project

Prior to operating with 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

Thank you for your cooperation in this matter If you have any questions, please contact Mr Leonard Scandura, Permit Services Manager, at (661) 392-5500

Sincerely,

David Warner
Director of Permit Services

Enclosures

cc Mike Tollstrup, CARB (w/enclosure) via email
cc Gerardo C Rios, EPA (w/enclosure) via email

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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)

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Tel (559) 230 6000 FAX (559) 230 6061

Southern Region

34946 Flyover Court

Bakersfield CA 93308 9725

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San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT


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AUTHORITY TO CONSTRUCT

PERMIT NO S 1737 180 2

ISSUANCE DATE 03/27/2014

LEGAL OWNER OR OPERATOR VINTAGE PRODUCTION CALIFORNIA LLC
MAILING ADDRESS 9600 MING AVE SUITE 300
BAKERSFIELD CA 93311

LOCATION LIGHT OIL CENTRAL
KERN COUNTY CA

EQUIPMENT DESCRIPTION

MODIFICATION OF 49 MMBTU/HR FLARE APPROVED FOR USE IN WELL TESTING TANK AND WELL VENT CONTROL EQUIPMENT SHUTDOWN EMERGENCIES AND OTHER SITUATIONS REQUIRING A SAFETY FLARE AT VARIOUS UNSPECIFIED LOCATIONS INCREASE DAILY GAS FLOW RATE TO 1 4 MM SCF/DAY AND STATE EMISSIONS FACTOR IN LB/MMSCF

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 Flare shall not be located within 1000 feet of any K-12 school [CH&SC 42301 6]
- 4 The flare must not operate within 100 meter from the facility boundary [District Rule 4102]
- 5 Permittee shall notify the District Compliance Division of each location at which the flare 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]
- 6 Particulate matter emissions shall not exceed 0 1 grains/dscf in concentration [District Rule 4201, 3 1] Federally Enforceable Through Title V Permit
- 7 Flare shall operate in a smokeless manner (0% opacity) except for three minutes in any one hour [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-5500 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

Sayed Sadredin Executive Director / APCO

DAVID WARNER Director of Permit Services

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- 8 Flare gas inlet line shall be equipped with operational volumetric totalizing flowrate indicator [District Rule 2201] Federally Enforceable Through Title V Permit
- 9 Gas flowrate to flare (not including pilot gas) shall not exceed 1 4 MMscf per day nor 255 5 MMscf/yr of gas [District Rule 2201] Federally Enforceable Through Title V Permit
- 10 Emission rates from this unit shall not exceed any of the following limits NO_x (as NO₂) 0 068 lb/Mscf, VOC (as methane) - 0 063 lb/Mscf CO 0 37 lb/Mscf or PM₁₀ 0 008 lb/Mscf [District Rule 2201] Federally Enforceable Through Title V Permit
- 11 Gas sulfur content shall not exceed 0 25 gr/100 scf [District Rules 2201 and 4801] Federally Enforceable Through Title V Permit
- 12 Gas shall be tested quarterly for sulfur content Upon transfer of location or change in the method of operation of the flare (excluding emergencies) gas shall be tested weekly for sulfur content If compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks then the fuel testing frequency shall be quarterly If a quarterly fuel content source test fails to show compliance, weekly testing shall resume [District Rule 2201] Federally Enforceable Through Title V Permit
- 13 The sulfur content of the gas being flared shall be determined using ASTM D1072, D3031, D4084 D3246 or grab sample analysis by GC FPD/TCD performed in the laboratory [District Rule 1081] Federally Enforceable Through Title V Permit
- 14 If fuel analysis is used to demonstrate compliance with conditions of this permit, the fuel higher heating value for each fuel shall be certified by a third party fuel supplier or determined by ASTM D 1826 or D 1945 in conjunction with ASTM D 3588 for gaseous fuels [District Rule 2201] Federally Enforceable Through Title V Permit
- 15 A trained observer as defined in EPA Method 22, shall check visible emissions at least once every two weeks for a period of 15 minutes If visible emissions are detected at any time during this period the observation period shall be extended to two hours A record containing the results of these observations shall be maintained which also includes company name process unit, observer's name and affiliation, date estimated wind speed and direction sky condition, and the observer's location relative to the source and sun [District Rules 2080 and 4101] Federally Enforceable Through Title V Permit
- 16 The outlet shall be equipped with an automatic ignition system, or shall operate with a pilot flame present at all times when combustible gases are vented through the flare, except during purge periods for automatic-ignition equipped flares [District Rule 4311] Federally Enforceable Through Title V Permit
- 17 Permittee shall obtain an ATC to modify any permit unit which authorizes this flare as a control device prior to this flare operating as a control device for that permit unit [District Rule 2201] Federally Enforceable Through Title V Permit
- 18 Except for flares equipped with a flow-sensing ignition system a heat sensing device such as a thermocouple ultraviolet beam sensor infrared sensor or an equivalent device capable of continuously detecting at least one pilot flame or the flare flame is present shall be installed and operated [District Rule 4311] Federally Enforceable Through Title V Permit
- 19 Flares that use flow-sensing automatic ignition systems and which do not use a continuous flame pilot shall use purge gas for purging [District Rule 4311] Federally Enforceable Through Title V Permit
- 20 Open flares (air-assisted steam assisted or non-assisted) in which the flare gas pressure is less than 5 psig shall be operated in such a manner that meets the provisions of 40 CFR 60 18 [District Rule 4311] Federally Enforceable Through Title V Permit
- 21 The flare shall be inspected every two weeks while in operation for visible emissions If visible emissions are observed, corrective action shall be taken If visible emissions continue, an EPA method 9 test shall be conducted within 72 hours [District Rule 2201] Federally Enforceable Through Title V Permit
- 22 The flare shall be operated according to the manufacturer's specifications, a copy of which shall be maintained on site [District Rule 2080] Federally Enforceable Through Title V Permit
- 23 Permittee shall maintain accurate daily records of volume, type, higher heating value and sulfur content of gas flared [District Rule 2201 & 1070] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

- 24 Permittee shall maintain accurate records of location and duration of operation at each stationary source [District Rule 2201, 4311 & 4409] Federally Enforceable Through Title V Permit
- 25 All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request [District Rule 2201, 4311 & 4409] Federally Enforceable Through Title V Permit