



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

JUN 11 2012

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-2918
Project # 1113293

Dear Mr. Rios:

The Air Pollution Control Officer has modified the Title V permit for Crimson Resource Management by incorporating S-2918-1-5. The ATC was to increase a flare's daily produced gas incineration limit, add rule 4311 conditions and correct the location.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on 9/21/11. 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. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,


David Warner
Director of Permit Services

DW:dbt

Enclosures

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
www.valleyair.org

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



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

JUN 11 2012

Paul Combs
Crimson Resource Management
4002 California Ave.
Bakersfield, CA 93309

**Re: Notice of Final Action - Minor Title V Permit Modification
District Facility # S-2918
Project # 1113293**

Dear Mr. Combs:

The Air Pollution Control Officer has modified the Title V permit for Crimson Resource Management by incorporating S-2918-1-5. The ATC was to increase a flare's daily produced gas incineration limit, add rule 4311 conditions and correct the location.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on 9/21/11. 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. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,

A handwritten signature in black ink, appearing to read "David Warner".

David Warner
Director of Permit Services

DW:dbt

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2918-1-6

EXPIRATION DATE: 06/30/2005

SECTION: 15 **TOWNSHIP:** 30S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

32.5 MMBTU/HR NATIONAL AIR OIL BURNER CO. MODEL NAFV FLARE WITH AUTOMATIC SPARK IGNITED PILOT AND COMBUSTION AIR BLOWER (GREELEY LEASE)

PERMIT UNIT REQUIREMENTS

1. The flare is approved to operate at the following locations; Sec. 14, T30S, R27E and Sec. 7, T29S, R26E. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Flare shall be equipped with recording operational flow meter. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Natural gas shall be used as pilot fuel. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Sulfur concentration of gas flared shall not exceed 5 ppmv. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Air contaminant emissions shall not exceed the following limits: PM10: 0.0202 lb/MMBtu, ; NOx (as NO2): 0.068 lb/MMBtu, CO: 0.37 lb/MMBtu. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Non breakdown operation shall not exceed 1000 Mscf per day and 2045 Mscf per year. [District NSR Rule] Federally Enforceable Through Title V Permit
7. The permittee shall notify the District Compliance Division of each location at which the operation 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] Federally Enforceable Through Title V Permit
8. Permittee shall maintain accurate records of quantity of non-emergency/non-pilot gas combusted in the flare and shall make such records available to District staff upon request. Records shall be maintained for a period of no less than five years. [District Rule 1070 and District Rule 2520, 9.5.2] Federally Enforceable Through Title V Permit
9. 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 the presence of at least one pilot flame or the flare flame, shall be installed and operated. [District Rule 4311] Federally Enforceable Through Title V Permit
10. A flame shall be present at all times when combustible gases are vented through the flare. [District Rule 4311] Federally Enforceable Through Title V Permit
11. Flare 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
12. If the flare uses a flow-sensing automatic ignition system and does not use a continuous flame pilot, the flare shall use purge gas for purging. [District Rule 4311] Federally Enforceable Through Title V Permit
13. Open flares 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

14. Flares shall be designed for and operated with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours. [40 CFR 60.18(c)(1)] Federally Enforceable Through Title V Permit
15. Demonstration of compliance with the visible emissions limit of this permit shall be conducted at least annually, using EPA Method 22. The observation period shall be 2 hours. [40 CFR 60.18(f)(1)] Federally Enforceable Through Title V Permit
16. 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 Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
17. The operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2] Federally Enforceable Through Title V Permit
18. The flare shall be operated according to the manufacturer's specifications, a copy of which shall be maintained on site. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
19. Actual flare emissions shall not exceed 20 tons VOC/year. Process information, including fuel usage data for the flare and process rates for operations controlled by the flare, shall be submitted to the District annually to demonstrate compliance with this requirement. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
20. Flares shall only be used with the net heating value of the gas being combusted being 300 Btu/scf or greater if the flare is air-assisted or steam-assisted. [40 CFR 60.18 (c)(3)] Federally Enforceable Through Title V Permit
21. The net heating value of the gas being combusted in a flare shall be calculated annually, pursuant to 40 CFR 60.18(f)(3) and using EPA Method 18, ASTM D1946, and ASTM D2382. [40 CFR 60.18 (f)(3-6)] Federally Enforceable Through Title V Permit
22. Air-assisted flares shall be operated with an exit velocity less than V_{max} , as determined by the equation specified in paragraph 40 CFR 60.18 (f)(6). [40 CFR 60.18 (c)(5)] Federally Enforceable Through Title V Permit
23. The actual exit velocity of a flare shall be determined by dividing the volumetric flowrate (in units of standard temperature and pressure), as determined by Reference Methods 2, 2A, 2C, or 2D as appropriate; by the unobstructed (free) cross sectional area of the flare tip. [40 CFR 60.18 (f)(4)] Federally Enforceable Through Title V Permit
24. Flares shall be operated with a flame present at all times, and kept in operation when emissions may be vented to them. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame. [40 CFR 60.18 (c)(2), 60.18 (e), and 60.18 (f)(2)] Federally Enforceable Through Title V Permit
25. To show compliance with sulfur emission limits, the gas being flared shall be tested weekly for sulfur content. If compliance with the fuel sulfur content limit and sulfur emission limits has been demonstrated for 8 consecutive weeks for the flared gas, then the compliance testing frequency shall be semi-annually. If the semi-annual sulfur content test fails to show compliance, weekly testing shall resume. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
26. The sulfur content of the gas being flared shall be determined using ASTM D 1072, D 3031, D 4084, D 3246 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.