



OCT 23 2012

Bill Oliver  
San Joaquin Facilities Management  
5400 Rosedale Highway  
Bakersfield, CA 93308

**RE: Notice of Final Action - Authority to Construct**  
**Project Number: S-1122041**

Dear Mr. Oliver:

The Air Pollution Control Officer has issued Authority to Construct permits to San Joaquin Facilities Management for a new 2.29 MMBtu/hr Coanda effect flare, at San Joaquin Facilities Management's Kern County Light Oil stationary source.

Enclosed are copies of the Authority to Construct permits 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 this Authority to Construct was published on September 4, 2012. The District's analysis of the proposal was also sent to CARB and US EPA Region IX on August 30, 2012. 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 at (661) 392-5500.

Sincerely,

David Warner  
Director of Permit Services

DW: DK/cp

Enclosures

**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



OCT 23 2012

Gerardo C. Rios (AIR 3)  
Chief, Permits Office  
Air Division  
U.S. E.P.A. - Region IX  
75 Hawthorne Street  
San Francisco, CA 94105

**RE: Notice of Final Action - Authority to Construct**  
**Project Number: S-1122041**

Dear Mr. Rios:

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OCT 23 2012

Mike Tollstrup, Chief  
Project Assessment Branch  
Stationary Source Division  
California Air Resources Board  
PO Box 2815  
Sacramento, CA 95812-2815

**RE: Notice of Final Action - Authority to Construct**  
**Project Number: S-1122041**

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued Authority to Construct permits to San Joaquin Facilities Management for a new 2.29 MMBtu/hr Coanda effect flare, at San Joaquin Facilities Management's Kern County Light Oil stationary source.

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Sincerely,

David Warner  
Director of Permit Services

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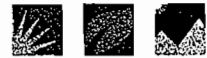
Bakersfield Californian  
Bakersfield Californian

**NOTICE OF FINAL ACTION  
FOR THE ISSUANCE OF AUTHORITY  
TO CONSTRUCT PERMITS**

NOTICE IS HEREBY GIVEN that the Air Pollution Control Officer has issued Authority to Construct permits to San Joaquin Facilities Management for a new 2.29 MMBtu/hr Coanda effect flare, at San Joaquin Facilities Management's Kern County Light Oil stationary source.

No comments were received following the District's preliminary decision on this project.

The application review for Project #S-1122041 is available for public inspection at [http://www.valleyair.org/notices/public\\_notices\\_idx.htm](http://www.valleyair.org/notices/public_notices_idx.htm) and the **SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT, 34946 FLYOVER COURT, BAKERSFIELD, CA 93308.**



## AUTHORITY TO CONSTRUCT

**PERMIT NO:** S-2980-77-0

**ISSUANCE DATE:** 10/17/2012

**LEGAL OWNER OR OPERATOR:** SAN JOAQUIN FACILITIES MGMT  
**MAILING ADDRESS:** 4520 CALIFORNIA AVENUE, SUITE 300  
BAKERSFIELD, CA 93309

**LOCATION:** LIGHT OIL CENTRAL STATIONARY SOURCE  
CA

**SECTION:** SW10 **TOWNSHIP:** 29S **RANGE:** 26E

**EQUIPMENT DESCRIPTION:**  
2.29 MMBTU/HR COANDA-EFFECT FLARE WITH AUTO-IGNITION (ARCO LEASE)

### CONDITIONS

1. A flame shall be present at all times when combustible gases are vented through the flare. [District Rule 4311]
2. 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]
3. 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]
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark, as, or darker than, Ringlemann 1/4 or 5% opacity. [District Rule 2201]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. Total quantity of produced/natural gas combusted in flare shall not exceed 9.125 MMscf/yr. [District Rule 4102]
7. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
8. Emission rates from flare shall not exceed any of the following: PM10: 0.008 lb/MMBtu, SOx (as SO2): 0.014 lb/MMBtu, NOx (as NO2): 0.068 lb/MMBtu, VOC: 0.063 lb/MMBtu, CO: 0.37 lb/MMBtu. [District NSR Rule]
9. Sulfur content of produced gas combusted shall not exceed 5 gr/100 scf [District Rule 2201]

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.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services

S-2980-77-0 - Oct 17 2012 1:40PM - KLEVANND - Joint Inspection NOT Required

10. Flare shall be equipped with operational produced gas volume flow meter. [District Rule 2201]
11. Measured heating value and quantity of flared gas shall be used to determine compliance with heat input limits. [District Rule 2201]
12. The operator shall follow all applicable sections of District Rule 4409, Components at Light Crude Oil Production Facilities, Natural Gas Production Facilities, and Natural Gas Processing Facilities. [District Rule 4409]
13. Higher heating value of flared gas shall be determined using ASTM D 1826 or D 1945 in conjunction with ASTM D 3588. [District Rules 1070 and 2201]
14. The flared gas sulfur concentration shall be determined annually using one of the following test methods: ASTM D1072, ASTM D3246, ASTM D6228 (GC-FPD), double GC for H<sub>2</sub>S and mercaptans, or equivalent test method with prior District approval. [District Rule 2201]
15. Permittee shall keep accurate daily and annual records of flare gas volumes, sulfur content, and higher heating value of flared gas and such records shall be retained for a period of 5 years and be made readily available for District inspection upon request. [District Rule 2201]
16. PTO S-2980-26 shall be canceled prior to or concurrently with the implementation of this ATC. [District Rule 2201]