



JAN 21 2011

Mr. David Campbell  
San Joaquin Refining Company, Inc  
PO Box 5576  
Bakersfield, CA 93388

**Re: Final - Authority to Construct / COC (Significant Mod)**  
**District Facility # S-36**  
**Project # S1103459**

Dear Mr. Campbell:

The Air Pollution Control Officer has issued an Authority to Construct (S-36-101-7) with a Certificate of Conformity to San Joaquin Refining Company, Inc at the intersection of Shell St and Standard St in Bakersfield, CA. The project authorizes modification of Loading Rack #6 (S-36-101) to allow switch loading of diesel into trucks previously holding gasoline.

Enclosed is the Authority to Construct. The application and proposal were sent to US EPA Region IX on December 8, 2010. No comments were received following the District's preliminary decision on this project.

The notice of final decision for this project will be published approximately three days from the date of this letter.

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

DW: RUE/cm

**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



JAN 21 2011

Gerardo C. Rios, Chief  
Permits Office  
Air Division  
U.S. EPA - Region IX  
75 Hawthorne St  
San Francisco, CA 94105

**Re: Final - Authority to Construct / COC (Significant Mod)  
District Facility # S-36  
Project # S1103459**

Dear Mr. Rios:

The Air Pollution Control Officer has issued an Authority to Construct (S-36-101-7) with a Certificate of Conformity to San Joaquin Refining Company, Inc at the intersection of Shell St and Standard St in Bakersfield, CA. The project authorizes modification of Loading Rack #6 (S-36-101) to allow switch loading of diesel into trucks previously holding gasoline.

Enclosed is a copy of the Authority to Construct. The application and proposal were sent to US EPA Region IX on December 8, 2010. No comments were received following the District's preliminary decision on this project.

The notice of final decision for this project will be published approximately three days from the date of this letter.

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,



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# San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT



HEALTHY AIR LIVING™

JAN 21 2011

Mike Tollstrup, Chief  
Project Assessment Branch  
Air Resources Board  
P O Box 2815  
Sacramento, CA 95812-2815

**Re: Final - Authority to Construct / COC (Significant Mod)  
District Facility # S-36  
Project # S1103459**

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued an Authority to Construct (S-36-101-7) with a Certificate of Conformity to San Joaquin Refining Company, Inc at the intersection of Shell St and Standard St in Bakersfield, CA. The project authorizes modification of Loading Rack #6 (S-36-101) to allow switch loading of diesel into trucks previously holding gasoline.

Enclosed is a copy of the Authority to Construct. The application and proposal were sent to US EPA Region IX on December 8, 2010. No comments were received following the District's preliminary decision on this project.

The notice of final decision for this project will be published approximately three days from the date of this letter.

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: RUE/cm

**Seyed Sadredin**  
Executive Director/Air Pollution Control Officer

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Bakersfield Californian

**NOTICE OF FINAL DECISION  
FOR THE ISSUANCE OF AUTHORITY TO CONSTRUCT**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District has made its final decision to issue an Authority to Construct to San Joaquin Refining Company, Inc for oil refinery located at the intersection of Shell St and Standard St in Bakersfield, CA, California. The project authorizes modification of Loading Rack #6 (S-36-101) to allow switch loading of diesel into trucks previously holding gasoline.

The District's analysis of the legal and factual basis for this proposed action, project #S1103459, is available for public inspection at the District office at the address below. For additional information regarding this matter, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500, or contact David Warner, Director of Permit Services, in writing at SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CA 93726-0244.



## AUTHORITY TO CONSTRUCT

**PERMIT NO:** S-36-101-7

**ISSUANCE DATE:** 01/19/2011

**LEGAL OWNER OR OPERATOR:** SAN JOAQUIN REFINING COMPANY  
**MAILING ADDRESS:** PO BOX 5576

BAKERSFIELD, CA 93388

**LOCATION:** STANDARD AND SHELL ST  
BAKERSFIELD, CA 93308

**SECTION:** 24 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF LOADING RACK OPERATION WITH RACKS 6, 7, AND 13: ALLOW SWITCH LOADING OF DIESEL FOR LOADING RACK #6, INSTALL 4.6 MMBTU/HR VAPOR COMBUSTOR


### 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 NSR Rule] 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. Loading racks #6 and #7 shall only transfer unheated organic materials with an initial boiling point of 302°F or greater as measured by test method ASTM D-86. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit
4. Switch loading shall not be conducted unless such transfer is made using a permanently installed vapor recovery system capable of achieving 95% control efficiency. [District Rules 2201 and 4621] Federally Enforceable Through Title V Permit
5. Loading rack #13 shall not load liquids exceeding a True Vapor Pressure of 0.25 psia on a daily average. [District NSR Rule] 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.

Seyed Sadredin, Executive Director / APCO



DAVID WARNER, Director of Permit Services

S-36-101-7: Jan 19 2011 9:14AM - EDGEHLR : Joint Inspection NOT Required

6. Throughput through loading rack #13 shall not exceed 2000 bbl per day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Loading rack #13 shall utilize a balance system tied to kerosene and mineral spirits storage vessels. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Total liquid drainage/leaks from loading rack #13 shall not exceed 5 ml per dry-break coupler disconnect. [District NSR Rule] Federally Enforceable Through Title V Permit
9. There shall be no more than seventeen (17) liquid-end dry break coupler disconnects per day at loading rack #13. [District NSR Rule] Federally Enforceable Through Title V Permit
10. There shall be no more than seventeen (17) vapor-end dry break coupler disconnects per day at loading rack #13. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Emissions of VOCs from fugitive emissions components associated with loading rack #6 vapor control system shall not exceed 0.05 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. California Air Resources Board approved testing shall be conducted within 120 days of completion of installation or modification to verify that loading rack # 6 vapor recovery system meets a minimum volumetric control efficiency of 95%. [District Rules 2201 and 4621] Federally Enforceable Through Title V Permit
13. The permittee shall submit progress reports to the District every 60 days until the California Air Resources Board issues final approval of testing methods. The reports shall include the status of development of the vapor control system, summaries of any testing and monitoring, and a description of any changes to the equipment or major maintenance work performed. [District Rules 2201 and 2080] Federally Enforceable Through Title V Permit
14. Operators shall notify the District at least seven days prior to any performance testing. [District Rule 4621] Federally Enforceable Through Title V Permit
15. Operators shall submit all performance test results to the District within 30 days of test completion. [District Rule 4621] Federally Enforceable Through Title V Permit
16. A leak-free condition is defined as a condition without a gas leak or a liquid leak. A gas leak is defined as 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 to methane in accordance with the procedures specified in EPA Test Method 21. A liquid leak is defined as the dripping of organic liquid at a rate more than 3 drops per minute. A gas or liquid leak from the loading rack #6 vapor control system is a violation of this permit and shall be reported as a deviation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All vapors displaced from bottom loading of trucks served by Loading Rack #6 shall be incinerated in vapor combustor with 99% control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Vapor combustor shall not operate in excess of 1716 hrs/yr. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Vapor combustor pilot flame shall be lit whenever truck bottom loading equipment is operating. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Only PUC regulated natural gas shall be used as pilot fuel. [District Rule 2201] Federally Enforceable Through Title V Permit
21. Vapor combustor emissions shall not exceed any of the following limits: 0.068 lb-NOx/MMBtu, 0.0069 lb-SOx/MMBtu, 0.008 lb-PM10/MMBtu, 0.063 lb-VOC/MMBtu, or 0.37 lb-CO/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
22. The flame shall be present at all times when combustible gases are vented through the vapor combustor. [District Rule 2201] Federally Enforceable Through Title V Permit
23. A flame or 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 vapor combustor flame is present shall be operational. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

24. Permittee shall comply with all applicable inspection, maintenance, testing, and recordkeeping requirements of Rules 4455. [District Rule 4455] Federally Enforceable Through Title V Permit
25. Corrective steps shall be taken at any time the operator observes excess drainage at disconnect of loading rack #13. In addition, the operator shall perform and record the results of quarterly drainage inspections at disconnect for loading rack #13. If no excess drainage is found during five consecutive quarterly inspections, the drainage inspection frequency may be changed from quarterly to annual. However, if one or more excess drainage condition is found during an annual inspection, the inspection frequency shall change back to quarterly. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
26. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
27. The permittee shall maintain an inspection log containing at least the following: A) dates of drainage inspections, B) findings, C) corrective action (including date each excess drainage condition repaired), and D) inspector name and signature. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
28. Permittee shall maintain accurate daily records of liquid types, TVP, throughput, and number of dry-break coupler disconnects for loading rack #13, and shall make such records readily available for District inspection for a period of at least five years. [District Rule 2520, 9.4.2 and 9.5.2] Federally Enforceable Through Title V Permit
29. The operator shall maintain accurate daily records of liquid throughput, loading temperature and liquid TVP to verify continued exemption from District Rule 4624 (Amended December 17, 1992). [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
30. Records of loading rack component count and total fugitive emissions calculated using CAPCOA Screening Range Emissions factors for Marketing Terminals, from California Implementation Guidelines for Estimating Emissions of Fugitive Hydrocarbon Leaks at Marketing Terminals, Table IV-2b, February 1999 shall be maintained, retained on the premises for a period of at least 5 years, and made available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
31. Permittee shall maintain and make available for District inspection upon request for 5 years records that demonstrate that Loading Racks #6 and #7 only transfer unheated organic materials with an initial boiling point of 302°F or greater as measured by test method ASTM D-86. [District Rule 2020] Federally Enforceable Through Title V Permit
32. Prior to operating under this Authority to Construct, permittee shall surrender emission reduction credits for the following quantities of emissions: NO<sub>x</sub>, 134 lb/quarter; SO<sub>x</sub>, 14 lb/quarter; PM<sub>10</sub>, 16 lb/quarter; VOC, 129 lb/quarter. Offset shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 12/18/2008). Offsets for PM<sub>10</sub> shall be provided at a SO<sub>x</sub>:PM<sub>10</sub> interpollutant ratio of 1.0:1. [District Rule 2201] Federally Enforceable Through Title V Permit
33. ERC Certificate Numbers S-3479-2 (NO<sub>x</sub>), S-4219001-5 (SO<sub>x</sub> and PM<sub>10</sub>), S-3469-1 (VOC), (or certificates split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit