



JUL 12 2017

Ms. Melinda Hicks  
Kern Oil & Refining Co  
7724 E Panama Lane  
Bakersfield, Ca 93307

**Re: Final - Authorities to Construct / Certificates of Conformity (Significant Mod)  
District Facility # S-37  
Project # 1162746**

Dear Ms. Hicks:

The Air Pollution Control Officer has issued Authorities to Construct (ATCs) S-37-37-12 and '-149-2 with Certificates of Conformity to Kern Oil & Refining Co at 7724 E Panama Lane, Bakersfield, CA. The project authorizes expansion of the Transmix Unit. Enclosed are the ATCs 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 ATCs was published on May 25, 2017. The District's analysis of the proposal was also sent to CARB and US EPA Region IX on May 22, 2017. No comments were received following the District's preliminary decision on this project.

Prior to operating with the modifications authorized by the ATCs, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5. Application forms are found on the District's website at [www.valleyair.org/permits/TVforms](http://www.valleyair.org/permits/TVforms).

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

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**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](http://www.valleyair.org)    [www.healthyairliving.com](http://www.healthyairliving.com)

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

Ms. Melinda Hicks  
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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,

  
Arnaud Marjollet  
Director of Permit Services

Enclosures

cc: Tung Le, CARB (w/enclosure) via email  
cc: Gerardo C. Rios, EPA (w/enclosure) via email

Facility # S-37  
KERN OIL & REFINING CO  
7724 E PANAMA LN  
BAKERSFIELD, CA 93307-9210

## **AUTHORITY TO CONSTRUCT (ATC)**

### **QUICK START GUIDE**

1. **Pay Invoice:** Please pay enclosed invoice before due date.
2. **Modify Your Title V Permit.** Prior to operating the equipment authorized under this ATC, submit an application to modify your Title V permit. See application forms at <http://www.valleyair.org/busind/pto/ptofoms/1ptofomidx.htm>.
3. **Fully Understand ATC:** Make sure you understand ALL conditions in the ATC prior to construction, modification and/or operation.
4. **Follow ATC:** You must construct, modify and/or operate your equipment as specified on the ATC. Any unspecified changes may require a new ATC.
5. **Notify District:** You must notify the District's Compliance Department, at the telephone numbers below, upon start-up and/or operation under the ATC. Please record the date construction or modification commenced and the date the equipment began operation under the ATC. You may NOT operate your equipment until you have notified the District's Compliance Department. A startup inspection may be required prior to receiving your Permit to Operate.
6. **Source Test:** Schedule and perform any required source testing. See [http://www.valleyair.org/busind/comply/source\\_testing.htm](http://www.valleyair.org/busind/comply/source_testing.htm) for source testing resources.
7. **Maintain Records:** Maintain all records required by ATC. Records are reviewed during every inspection (or upon request) and must be retained for at least 5 years. Sample record keeping forms can be found at [http://www.valleyair.org/busind/comply/compliance\\_forms.htm](http://www.valleyair.org/busind/comply/compliance_forms.htm).

By operating in compliance, you are doing your part to improve air quality for all Valley residents.

**For assistance, please contact District Compliance staff at  
any of the telephone numbers listed below.**

**Seyed Sadredin**

Executive Director/Air Pollution Control Officer

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**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  
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



**San Joaquin Valley**  
AIR POLLUTION CONTROL DISTRICT

Due Date
9/11/2017

Amount Due
\$ 8,689.10

ENGTIME S1162746  
37 S134479 7/11/2017

Amount Enclosed

**RETURN THIS TOP PORTION ONLY, WITH REMITTANCE TO:**

KERN OIL & REFINING CO  
7724 E PANAMA LN  
BAKERSFIELD, CA 93307-9210

SJVAPCD  
34946 Flyover Court  
Bakersfield, CA 93308

*Thank You!*



**San Joaquin Valley**  
AIR POLLUTION CONTROL DISTRICT

Facility ID
S37

Invoice Date
7/11/2017

Invoice Number
S134479

SJVAPCD Tax ID: 77-0262563

Invoice Type
Project: S1162746

KERN OIL & REFINING CO  
PANAMA LN & WEEDPATCH HWY  
BAKERSFIELD, CA 93307-9210

**PROJECT NUMBER: 1162746**

ENGINEERING TIME FEES	\$ 8,689.10
LESS PREVIOUSLY PAID PROJECT FEES APPLIED TO THIS INVOICE	\$ 0.00
<b>PROJECT FEES DUE (Enclosed is a detailed statement outlining the fees for each item.)</b>	<b>\$ 8,689.10</b>

Late Payment (see Rule 3010, Section 11.0 Late Fees)	
Postmarked	Total Due
After 9/11/2017 through 9/21/2017	\$ 9,558.01
After 9/21/2017	\$ 13,033.65
After 10/11/2017	Permits To Operate MAY BE SUSPENDED

San Joaquin Valley Air Pollution Control District  
34946 Flyover Court, Bakersfield, CA 93308, (661) 392-5500, Fax (661) 392-5585

### Invoice Detail

Facility ID: S37

KERN OIL & REFINING CO  
PANAMA LN & WEEDPATCH HWY  
BAKERSFIELD, CA 93307-9210

Invoice Nbr: S134479  
Invoice Date: 7/11/2017  
Page: 1

#### Engineering Time Fees

Project Nbr	Quantity	Rate	Description	Fee
S1162746	18.2 hours	\$ 141.00 /h	After-Hours Engineering Time(OverTime)	\$ 2,566.20
			Less Credit For Application Filing Fees	(\$ 158.00)
			After-Hours Engineering Time(OverTime) SubTotal	\$ 2,408.20
S1162746	58.7 hours	\$ 107.00 /h	Standard Engineering Time	\$ 6,280.90
<b>Total Engineering Time Fees:</b>				<b>\$ 8,689.10</b>

San Joaquin Valley Air Pollution Control District

**Account Summary**

Facility ID: S37

KERN OIL & REFINING CO  
 PANAMA LN & WEEDPATCH HWY  
 BAKERSFIELD, CA 93307-9210

Statement Date: 7/11/2017

Invoice Date	Invoice Number	Invoice Due Date	Description of Fees		Amount Due
09/21/2016	S128710	11/21/2016	Project: S1163220	Fees Invoiced	\$ 79.00
				Late Charges	\$ 39.50
				Payments	<u>(\$ 86.90)</u>
				Balance Due	\$ 31.60
07/02/2017	S134131	08/31/2017	17/18 Annual Permits To Operate		\$ 38,200.00
07/10/2017	S134478	09/08/2017	Project: S1163546		\$ 3,662.40
07/11/2017	S134479	09/11/2017	Project: S1162746		\$ 8,689.10
				<b>Total Outstanding Balance:</b>	<b>\$ 50,583.10</b>



## AUTHORITY TO CONSTRUCT

**PERMIT NO:** S-37-38-12

**ISSUANCE DATE:** 07/11/2017

**LEGAL OWNER OR OPERATOR:** KERN OIL & REFINING CO  
**MAILING ADDRESS:** 7724 E PANAMA LN  
BAKERSFIELD, CA 93307-9210

**LOCATION:** PANAMA LN & WEEDPATCH HWY  
BAKERSFIELD, CA 93307-9210

**SECTION:** 25 **TOWNSHIP:** 30S **RANGE:** 28E

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF SOLVENT UNIT INCLUDING V-7 FRACTIONATOR, 1 REFLUX DRUM V-8, AND 3.75 MMBTU/HR GAS FIRED FIRE TUBE HEATER (H-1): CHANGE NAME TO TRANSMIX UNIT, ADD 3.67 MMBTU/HR PROCESS HEATER H-2 AND ADD ACCUMULATOR, CONDENSER, COOLERS, HEAT EXCHANGERS, PUMPS, REBOILERS AND ASSOCIATED PIPING AND COMPONENTS, REASSIGN DEPROPANIZER COLUMN (V-5) AND REFLUX DRUM (V-6) FROM '149, REVISE NOX, SOX, CO LIMITS FOR RULE 4307 COMPLIANCE AND LOWER VOC LIMIT OF HEATER H-1

## 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. Prior to operating equipment under this Authority to Construct, permittee shall surrender NOX emission reduction credits for the following quantity of emissions: 1st quarter - 132 lb, 2nd quarter - 133 lb, 3rd quarter - 133 lb, and fourth quarter - 133 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 2/28/16) for the ERC specified below. [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.

Seyed Sadredin, Executive Director / APCO

Paul Marjollet, Director of Permit Services

S-37-38-12 Jul 11 2017 8:11AM - EDGEHILR Joint Inspection NOT Required



4. Prior to operating equipment under this Authority to Construct, permittee shall surrender SOX emission reduction credits for the following quantity of emissions: 1st quarter - 112 lb, 2nd quarter - 112 lb, 3rd quarter - 113lb, and fourth quarter - 113 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 2/28/16) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Prior to operating equipment under this Authority to Construct, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 115 lb, 2nd quarter - 115 lb, 3rd quarter - 116 lb, and fourth quarter - 116 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 2/28/16) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit
6. ERC Certificate Numbers N-878-2, N-879-2, S-4809-1, and S-2387-5 (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
7. Heaters H-1 and H-2 shall be fired on purchased natural gas or refinery fuel gas only. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Vessel V-7 and reflux drum V-8 shall vent only to flare listed on S-37-7. [District Rule 2201] Federally Enforceable Through Title V Permit
9. There shall be no pressure relief valves or vents designed to emit air contaminants to the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
10. There shall be no leaks of 10,000 ppmv or greater of any pressure relief devices installed as part of the unit. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081] Federally Enforceable Through Title V Permit
12. Heaters H-1 and H-2 shall be equipped with fuel flowrate indicators. [District Rule 2201] Federally Enforceable Through Title V Permit
13. If splitter unit plant produces odoriferous wastewater, such wastewater shall not be transported in open system or disposed of in open air site(s). [District Rule 2201] Federally Enforceable Through Title V Permit
14. The owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H<sub>2</sub>S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H<sub>2</sub>S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis. [40 CFR Subpart Ja, 60.102a (g)(1)(ii)] Federally Enforceable Through Title V Permit
15. Fuel gas sulfur content (as H<sub>2</sub>S) shall not exceed 0.10 gr/ dscf (160 ppmv) over a three hour rolling average and shall be continuously monitored and recorded. [40 CFR 60, Subpart Ja] Federally Enforceable Through Title V Permit
16. Heater H-1 shall operate with no emissions in excess of 5% opacity or source testing shall be required to document emission rates. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Heater H-1 shall not be fired at greater than 3.75 MMBtu/hr heat input rate. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Heater H-2 shall not be fired at greater than 3.67 MMBtu/hr heat input rate. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Emissions from the natural gas-fired heater H-1 shall not exceed any of the following limits: 30 ppmvd NO<sub>x</sub> @ 3% O<sub>2</sub> (equivalent to 0.036 lb-NO<sub>x</sub>/MMBtu), 0.005 lb-PM<sub>10</sub>/MMBtu, 400 ppmvd CO @ 3% O<sub>2</sub> (equivalent to 0.3 lb-CO/MMBtu), or 0.0055 lb-VOC/MMBtu. [District Rules 2201 and 4307] Federally Enforceable Through Title V Permit
20. Emissions from the natural gas-fired heater H-2 shall not exceed any of the following limits: 9 ppmvd NO<sub>x</sub> @ 3% O<sub>2</sub> (equivalent to 0.0146 lb-NO<sub>x</sub>/MMBtu), 0.005 lb-PM<sub>10</sub>/MMBtu, 250 ppmvd CO @ 3% O<sub>2</sub> (equivalent to 0.188 lb-CO/MMBtu), or 0.0055 lb-VOC/MMBtu. [District Rules 2201 and 4307] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE



21. Gas combusted by heater H-1 and H-2 shall contain no more than 5 gr S/100scf. [District Rule 4307] Federally Enforceable Through Title V Permit
22. Emissions from fugitive emissions components shall not exceed 6.8 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
23. A leak shall be defined as a reading of methane, in excess of 100 ppmv for valves and connectors and in excess of 500 ppmv for pump and compressor seals above background when measured per EPA Method 21 and an Inspection and Maintenance Program pursuant to District Rule 4455. [District Rule 2201] Federally Enforceable Through Title V Permit
24. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, and O<sub>2</sub> at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305, 4306, and 4307] Federally Enforceable Through Title V Permit
25. If either the NO<sub>x</sub> or CO concentrations corrected to 3% O<sub>2</sub>, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, 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 performing the notification and testing required by this condition. [District Rules 4305, 4306, and 4307] Federally Enforceable Through Title V Permit
26. 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 Rules 4305, 4306, and 4307] Federally Enforceable Through Title V Permit
27. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 3% O<sub>2</sub>, (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 Rules 4305, 4306, and 4307] Federally Enforceable Through Title V Permit
28. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
29. 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
30. Source testing to measure NO<sub>x</sub> and CO emissions from heater H-2 shall be conducted within 60 days of initial start-up. [District Rules 2201, 4305, 4306, and 4307] Federally Enforceable Through Title V Permit
31. NO<sub>x</sub> emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306, and 4307] Federally Enforceable Through Title V Permit
32. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4307] Federally Enforceable Through Title V Permit
33. Stack gas oxygen (O<sub>2</sub>) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4307] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

34. Fuel sulfur content shall be determined using EPA Method 11 or Method 15. [District Rule 4307] Federally Enforceable Through Title V Permit
35. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rule 4307] Federally Enforceable Through Title V Permit
36. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4320. [District Rules 4305, 4306, and 4307] Federally Enforceable Through Title V Permit
37. 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. [District Rules 4305, 4306, and 4307] Federally Enforceable Through Title V Permit
38. Particulate matter emissions shall not exceed 0.1 grain/dscf. Emissions of combustion contaminants shall not exceed 0.1 grain per cubic foot of gas calculated to 12% CO<sub>2</sub> at dry standard conditions. Emissions of combustion contaminants shall not exceed ten (10) pounds per hour. [District Rules 4201, 3.1 and 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
39. Emissions of sulfur compounds from this unit shall not exceed 200 lb per hour, calculated as SO<sub>2</sub>. [District Rule 2520, 9.3.2; District Rule 4301, 5.2.1] Federally Enforceable Through Title V Permit
40. The concentration of sulfur compounds in the exhaust from this unit shall not exceed 0.2% by volume as measured on a dry basis over a 15 minute period. [District Rule 2520, 9.3.2; Kern County Rule 407; District Rule 4801] Federally Enforceable Through Title V Permit
41. Compliance with sulfur compound emission limits may be demonstrated by firing this unit either on PUC or FERC regulated natural gas or refinery gas with a sulfur content of no more than 0.1 grain-H<sub>2</sub>S/dscf (160 ppmv) according to the continuous H<sub>2</sub>S monitor installed downstream of the sulfur recovery unit. [District Rules 4301, 4801 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
42. Operator shall report all rolling 3-hour periods during which the average concentration of H<sub>2</sub>S as measured by the H<sub>2</sub>S continuous monitoring system exceeds 0.10 gr/dscf (160 ppmv). [40 CFR Part 60, Subpart J, 60.105(e)(3)(ii)] Federally Enforceable Through Title V Permit
43. Operator shall report each rolling 365 day period during which the average concentration as measured by the H<sub>2</sub>S monitoring system exceeds 60 ppmv. [40 CFR Subpart Ja, 60.107a(i)(1)(ii)] Federally Enforceable Through Title V Permit
44. Operator shall determine compliance with the H<sub>2</sub>S standard using EPA Method 11. [40 CFR Part 60, Subpart J, 60.106(e)] Federally Enforceable Through Title V Permit
45. The permittee shall comply with all applicable notification, recordkeeping and monitoring requirements of Rule 4001. [District Rule 4001] Federally Enforceable Through Title V Permit
46. Permittee shall maintain accurate component count and emissions calculated using the Correlation Equation Method described in the CAPCOA publication California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities (February 1999). Table IV-3a CAPCOA - Revised 1995 EPA Protocol Refinery Correlation Equations for Refineries and Marketing Terminals. [District Rule 2201] Federally Enforceable Through Title V Permit
47. The permittee shall keep accurate records of sulfur content of refinery fuel gas for a period of five years, and shall make such records available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
48. 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, 9.4.2] Federally Enforceable Through Title V Permit

## AUTHORITY TO CONSTRUCT

**PERMIT NO:** S-37-149-2

**ISSUANCE DATE:** 07/11/2017

**LEGAL OWNER OR OPERATOR:** KERN OIL & REFINING CO  
**MAILING ADDRESS:** 7724 E PANAMA LN  
BAKERSFIELD, CA 93307-9210

**LOCATION:** PANAMA LN & WEEDPATCH HWY  
BAKERSFIELD, CA 93307-9210

**EQUIPMENT DESCRIPTION:**  
MODIFICATION OF 4 MMSCF/DAY LPG RECOVERY UNIT INCLUDING GAS COMPRESSION, MEMBRANE SEPARATION, REFRIGERATION, SOLID PHASE DRYING/ DEHYDRATION, AND FRACTIONATION: REMOVE DEPROPANIZER COLUMN (V-5) AND REFLUX DRUM (V-6) AND MOVE TO S-37-38.

### 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. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. LPG and pentane liquid products shall be sent to existing storage facilities. [District Rule 2201]
6. Total fugitive emissions rate from valves, pumps, flanges, others, and connectors from components in this permit unit shall be periodically calculated as described below using the California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities (February 1999), Table IV-3a:CAPCOA-Revised 1995 EPA Correlation Equations and Factors for Refineries and Marketing Terminals (as described in the following conditions) and shall not exceed 26.0 lb/day. [District Rules 2201 and 4102] 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



Arnaud Marjollet, Director of Permit Services

S-37-149-2 : Jul 11 2017 8:11AM - EDGEHLR : Joint Inspection NOT Required

7. A leak shall be defined as a reading of methane, in excess of 100 ppmv for valves and connectors and in excess of 500 ppmv for pump and compressor seals above background when measured per EPA Method 21 and an Inspection and Maintenance Program pursuant to District Rule 4455. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Permit holder shall maintain accurate records of component counts and resultant emissions according to CAPCOA's "California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities," Table IV-3a (Feb 1999), CAPCOA-Revised 1995 EPA Correlation Equations and Factors for Refineries and Marketing Terminals. Permit holder shall update such records when new components are installed. Components shall be screened and leak rate shall be measured at least once each quarter. If compliance with the daily emission limit is shown during each of five (5) consecutive quarterly inspections, the inspection frequency may be changed from quarterly to annual. If any annual inspection shows non-compliance with the daily emission limit, then quarterly inspections shall be resumed. [District Rule 2201] Federally Enforceable Through Title V Permit
9. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit