

FEB 10 2020

Kelsey Padilla  
E&B Natural Resources Mgmt.  
3000 James Road  
Bakersfield, CA 93308

**RE: Notice of Final Action - Authority to Construct**  
**Facility Number: S-1624**  
**Project Number: S-1193935**

Dear Ms. Padilla:

The Air Pollution Control Officer has issued the Authority to Construct permits to E&B Natural Resources Mgmt. for the installation of four diesel IC engines powering electrical generators, at central Kern county. Enclosed are the Authority to Construct permits and a copy of the notice of final action that has been posted on the District's website ([www.valleyair.org](http://www.valleyair.org)).

Notice of the District's preliminary decision to issue the Authority to Construct permits was posted on 1/9/20. The District's analysis of the proposal was also sent to CARB and US EPA Region IX on 1/9/20. No comments were received following the District's preliminary decision on this project.

Also enclosed is an invoice for the engineering evaluation fees pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoice, within 60 days.

**Samir Sheikh**  
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

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

Ms. Kelsey Padilla  
Page 2

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

Sincerely,



Arnaud Marjollet  
Director of Permit Services

AM:WEJ

Enclosures

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



Facility # S-1624  
E&B NATURAL RESOURCES MGMT  
1600 NORRIS RD  
BAKERSFIELD, CA 93308

## **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/permits/TVforms>.
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.**

**Samir Sheikh**  
Executive Director/Air Pollution Control Officer

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## AUTHORITY TO CONSTRUCT

PERMIT NO: S-1624-348-0

ISSUANCE DATE: 02/10/2020

LEGAL OWNER OR OPERATOR: E&B NATURAL RESOURCES MGMT  
MAILING ADDRESS: 1600 NORRIS RD  
BAKERSFIELD, CA 93308

LOCATION: HEAVY OIL CENTRAL  
CA

SECTION: NW33 TOWNSHIP: 27S RANGE: 27E

**EQUIPMENT DESCRIPTION:**

2,722 BHP CATERPILLAR MODEL 3516C DITA TIER 2 (OR EQUIVALENT) CERTIFIED DIESEL-FIRED LIMITED-USE IC ENGINE POWERING AN ELECTRICAL GENERATOR.


### CONDITIONS

1. The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. Upon implementation of this ATC, permit S-1624-130 shall be surrendered. [District Rule 2201]
3. Prior to operating equipment under this Authority to Construct, permittee shall surrender SOX emission reduction credits for the following quantity of emissions: 1st quarter - 31 lb., 2nd quarter - 31 lb., 3rd quarter - 32 lb., and 4th quarter - 32 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201]
4. ERC Certificate Number S-5069-5 (or a certificate split from this certificate) 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]
5. Prior to operating equipment under this Authority to Construct, permittee shall surrender NOX emission reduction credits for the following quantity of emissions: 1st quarter - 994 lb, 2nd quarter - 994 lb, 3rd quarter - 994 lb, and 4th quarter - 944 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO

  
Arnaud Marjollet, Director of Permit Services

S-1624-348-0 - Feb 10 2020 9:03AM -- JONESW : Joint Inspection NOT Required

6. ERC Certificate Number S-0291001-2, and S-5131-2 (or a certificate split from these certificate) 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]
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8. The permittee's request for approval of equivalent equipment shall include the make, model, manufacturer's maximum rating, manufacturer's guaranteed emission rates, equipment drawing(s), and operational characteristics/parameters. [District Rule 2201]
9. Alternate equipment shall be of the same class and category of source as the equipment authorized by the Authority to Construct. [District Rule 2201]
10. No emission factor and no emissions shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, throughput, or firing rate may be authorized for any alternate equipment. [District Rule 2201]
11. This engine shall not be operated at one location or site at a facility for more than 12 consecutive months, or if at a seasonal source, the engine shall not be operated at one location or site at a facility for more than the duration of the season. [District Rules 2201 and 4701, and 17 CCR 93115]
12. 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, Ringelmann 1 or 20% opacity. [District Rule 4101]
13. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
14. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201, 4702, and 4801, and 17 CCR 93116]
15. This engine shall be operated only for testing and maintenance of the engine, and required regulatory purposes. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 125 hours per calendar year. [District Rule 2201]
16. This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702 and 17 CCR 93115]
17. 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]
18. Emissions from this unit shall not exceed any of the following limits: 3.83 g-NO<sub>x</sub>/bhp-hr, 0.20 g-VOC/bhp-hr, or 1.04 g-CO/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93116]
19. The PM<sub>10</sub> emissions rate shall not exceed 0.11 g/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93116]
20. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
21. The engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
22. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections, change engine oil and filters, replace engine coolant, and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
23. The permittee shall maintain monthly records of: (1) total hours of operation; (2) type and quantity of fuel used; (3) maintenance or modifications performed. [District Rules 2201, 4701, and 4702]

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24. 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 Rules 2201, 4701, and 4702]



## AUTHORITY TO CONSTRUCT

PERMIT NO: S-1624-349-0

ISSUANCE DATE: 02/10/2020

LEGAL OWNER OR OPERATOR: E&B NATURAL RESOURCES MGMT  
MAILING ADDRESS: 1600 NORRIS RD  
BAKERSFIELD, CA 93308

LOCATION: HEAVY OIL CENTRAL  
CA

SECTION: NW33 TOWNSHIP: 27S RANGE: 27E

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Samir Sheikh, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

S-1624-349-0; Feb 10 2020 8:40AM -- JONESW : Joint Inspection NOT Required

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## AUTHORITY TO CONSTRUCT

PERMIT NO: S-1624-350-0

ISSUANCE DATE: 02/10/2020

LEGAL OWNER OR OPERATOR: E&B NATURAL RESOURCES MGMT

MAILING ADDRESS: 1600 NORRIS RD  
BAKERSFIELD, CA 93308

LOCATION: HEAVY OIL CENTRAL  
CA

SECTION: NW33 TOWNSHIP: 27S RANGE: 27E

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Samir Sheikh, Executive Director / APCO

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S-1624-350-0 Feb 10 2020 8:40AM - JONESW : Joint Inspection NOT Required

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Arnaud Marjóllet, Director of Permit Services

S-1624-351-0 - Feb 10 2020 8:40AM - JONEGW - Joint Inspection NOT Required

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13. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
14. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201, 4702, and 4801, and 17 CCR 93116]
15. This engine shall be operated only for testing and maintenance of the engine, and required regulatory purposes. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 125 hours per calendar year. [District Rule 2201]
16. This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702 and 17 CCR 93115]
17. 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]
18. Emissions from this unit shall not exceed any of the following limits: 3.83 g-NO<sub>x</sub>/bhp-hr, 0.20 g-VOC/bhp-hr, or 1.04 g-CO/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93116]
19. The PM<sub>10</sub> emissions rate shall not exceed 0.11 g/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93116]
20. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
21. The engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
22. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections, change engine oil and filters, replace engine coolant, and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
23. The permittee shall maintain monthly records of: (1) total hours of operation; (2) type and quantity of fuel used; (3) maintenance or modifications performed. [District Rules 2201, 4701, and 4702]

CONDITIONS CONTINUE ON NEXT PAGE

24. 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 Rules 2201, 4701, and 4702]