



NOV 04 2013

Kelly Lucas  
Coalinga Cogeneration Company (Coalinga)  
PO Box 81078  
Bakersfield, CA 93380

**Re: Notice of Final Action - Minor Title V Permit Modification  
District Facility # C-354  
Project # 1110353**

Dear Mr. Lucas:

The Air Pollution Control Officer has modified the Title V permit for Coalinga Cogeneration Company (Coalinga) by incorporating Authority to Construct C-354-4-0. The ATC authorizes a Tier 3 transportable diesel-fired IC engine not exceeding 532 hp powering an electrical generator. The engine will serve as a Temporary Replacement Emissions Unit (TREU) replacing a portion of the service provided by C-354-2 gas turbine engine generator (GTE) while the turbine is shutdown for repair.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on March 4, 2011. 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:rue

Enclosures

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-354-4-1

**EXPIRATION DATE:** 06/30/2014

**SECTION:** 18 **TOWNSHIP:** 20S **RANGE:** 15E

**EQUIPMENT DESCRIPTION:**

TRANSPORTABLE TIER-3 CERTIFIED DIESEL-FIRED IC ENGINE UP TO 532 HP POWERING AN ELECTRICAL GENERATOR

## PERMIT UNIT REQUIREMENTS

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
3. 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] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. The engine shall be equipped with an operational nonresettable elapsed time meter or other APCO approved alternative. [District Rule 4702] Federally Enforceable Through Title V Permit
6. This nonroad transportable engine shall not be operated at one location for more than 12 consecutive months and shall meet all the requirements of a nonroad transportable engine, per CFR Title 40 Part 89. [CCR, Title 17 and District Rule 4701] Federally Enforceable Through Title V Permit
7. The engine shall not operate unless the gas turbine engine operating under permit C-354-2 is shutdown. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Engine shall not be located at this facility for 180 days or more in any calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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] Federally Enforceable Through Title V Permit
10. 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]
11. Operation of the engine shall not exceed 200 hours per year, as determined by an operational nonresettable elapsed operating time meter or other APCO approved alternative. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
12. NOx emissions (referenced as NO2) shall not exceed 2.30 g/bhp-hr. [District Rule 2201] 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.

13. VOC emissions (referenced as methane) shall not exceed 0.16 g/bhp-hr. [District Rule 2201] Federally Enforceable Through Title V Permit
14. CO emissions shall not exceed 0.596 g/bhp-hr. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The PM10 emissions rate from the engine shall not exceed 0.12 g/hp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
16. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801] Federally Enforceable Through Title V Permit
17. The permittee shall maintain an engine-operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: engine make, model, serial number, total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance with Rule 4702. [District Rule 4702] Federally Enforceable Through Title V Permit
18. Permittee shall keep records of make, model, rated horsepower, serial number, CARB Certification, cumulative annual hours of operation on a 12 month rolling average, and days of operation of engine. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
19. 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 4702] Federally Enforceable Through Title V Permit

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