



FEB 18 2015

Darren Filkins
Wm. Bolthouse Farms Inc
7200 E. Brundage Lane
Bakersfield, CA 93307

**Re: Notice of Final Action - Minor Title V Permit Modification
District Facility # S-6331
Project # S-1142981**

Dear Mr. Filkins:

The Air Pollution Control Officer has modified the Title V permit for Wm. Bolthouse Farms Inc by incorporating S-6331-8-3. The ATC authorizes the installation of a CCAT Dual-Fuel Retrofit System on an existing 510 bhp IC engine to allow the engine to be fired on either diesel only or a mixture of diesel and LPG/propane.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on August 27, 2014. 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. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,



Arnaud Marjollet
Director of Permit Services

AM:jag

Enclosures

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

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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: S-6331-8-4

EXPIRATION DATE: 12/31/2018

EQUIPMENT DESCRIPTION:

510 BHP CUMMINS MODEL QSX15 TIER 3 CERTIFIED DIESEL/PROPANE-FIRED IC ENGINE (SERIAL #79287674) EQUIPPED WITH A CCAT DUAL-FUEL RETROFIT SYSTEM POWERING AN AGRICULTURAL PUMP (ENGINE NO. R043)

PERMIT UNIT REQUIREMENTS

1. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 2201, 4701, and 4702] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. 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] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with an operational nonresettable elapsed time meter with a minimum display capability of 9,999 hours. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
5. Emissions from this IC engine shall not exceed any of the following limits: 2.85 g-NOx/bhp-hr (or equivalent to 223 ppmvd NOx @ 15% O2), 2.6 g-CO/bhp-hr, or 0.15 g-VOC/bhp-hr. [District Rule 2201 and 4702, and 17 CCR 93115] Federally Enforceable Through Title V Permit
6. Emissions from this IC engine shall not exceed 0.07 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rule 2201 and 4102, and 17 CCR 93115] Federally Enforceable Through Title V Permit
7. This engine shall be fired on CARB certified diesel fuel containing not more than 0.0015% sulfur by weight; or a combination of CARB certified diesel and LPG/propane. [District Rules 2201, 4801, 40 CFR 60.4207(b), and 17 CCR 93115] Federally Enforceable Through Title V Permit
8. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60.4211(a)] 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 permittee shall monitor and record the stack concentration of NOx within 7 days of initial startup and at least once every 24 months thereafter using a portable analyzer that meets District specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
11. All monitoring emission readings shall be taken with the unit operating at conditions representative of normal operations. 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 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.

12. The owner/operator shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance. [District Rule 4702] Federally Enforceable Through Title V Permit
13. The permittee shall maintain records of: (1) the date and time of NOX and O2 measurements, (2) the O2 concentration in percent by volume and the measured NOx corrected to 15% O2, (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 Rule 2201] Federally Enforceable Through Title V Permit
14. 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 Rule 4702] Federally Enforceable Through Title V Permit

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