

JUL 28 2014

Mr. Darren Filkens
Wm. Bolthouse Farms, Inc.
7200 E Brundage Lane
Bakersfield, CA 93307-3016

**Re: Notice of Minor Title V Permit Modification
District Facility # S-6331
Project # S-1142199**

Dear Mr. Filkens:

Enclosed is the District's analysis of your application for minor Title V permit modification for the facility identified above. You proposed a Title V minor permit modification to temporarily replace Permit to Operate (PTO) S-6331-8-1 of the facility's current Title V operating permit. Wm. Bolthouse Farms, Inc. proposed to temporarily replace a 510 bhp Cummins model QSX15 Tier 3 certified diesel-fired IC engine powering an agricultural irrigation pump with a transportable 510 bhp Cummins model QSX15 Tier 3 certified diesel-fired IC engine (serial # 79323325) (ENG 00377). The replacement engine was permitted as Authority to Construct (ATC) S-416-29-0 at another Wm. Bolthouse Farms facility and serves as a Temporary Replacement Emissions Unit (TREU) for agricultural IC engines at various Bolthouse Farms agricultural operations. The TREU engine will be used to power an agricultural irrigation pump while Permit Unit S-6331-8 is temporarily shut down for maintenance, repairs, or modifications.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V PTO S-6331-10-0, application, and previous Title V permit. This project will be finalized after the 45-day EPA comment period.

If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

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

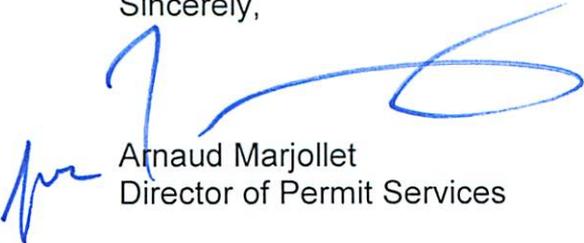
Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

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

Mr. Darren Filkens
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Thank you for your cooperation in this matter.

Sincerely,



Arnaud Marjollet
Director of Permit Services

Enclosures

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

TITLE V APPLICATION REVIEW

Minor Modification
Project #: S-1142199

Engineer: Ramon Norman
Date: July 22, 2014

Facility Number: S-6331
Facility Name: Wm. Bolthouse Farms, Inc.
Mailing Address: 7200 E Brundage Lane
Bakersfield, CA 93307-3016

Contact Name: Darren Filkens
Phone: (661) 366-7209

Responsible Official: Darren Filkens
Title: Vice President of Agriculture

I. PROPOSAL

Wm. Bolthouse Farms, Inc. is proposing a Title V minor permit modification to allow the temporary replacement of Permit Unit S-6331-8, a 510 bhp Cummins model QSX15 Tier 3 certified diesel-fired IC engine (serial # 79287674) powering an agricultural irrigation pump with a transportable 510 bhp Cummins model QSX15 Tier 3 certified diesel-fired IC engine (serial # 79323325) (ENG 00377). The replacement engine was permitted as Authority to Construct (ATC) S-416-29-0 at another Wm. Bolthouse Farms, Inc. facility and serves as a Temporary Replacement Emissions Unit (TREU) for agricultural IC engines at various Bolthouse Farms agricultural operations. The TREU will replace the regularly permitted unit for up to 180 days during a 12-month period while the regular unit is being serviced or repaired.

The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with the applicable requirements and to provide the legal and factual basis for the proposed revisions.

II. FACILITY LOCATION

The equipment will be located near the intersection of Muller Road and S. Fairfax Road near Bakersfield, CA.
Sections 12, 13, 17, 18, & 20 Township 30S Range 28E

III. EQUIPMENT DESCRIPTION

S-6331-10-0: 510 BHP CUMMINS MODEL QSX15 (SERIAL # 79323325) TIER 3 CERTIFIED DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION PUMP (ENG 00377) (PERMITTED AS UNIT S-416-29) SERVING AS A TEMPORARY REPLACEMENT EMISSIONS UNIT (TREU) FOR UNIT S-6331-8

IV. SCOPE OF EPA AND PUBLIC REVIEW

This change to a Title V permit is considered to be a minor modification and, as such, requires no public review.

V. APPLICABLE REQUIREMENTS

District Rule 2201, New and Modified Stationary Source Review Rule (Amended December 18, 2008 (SIP-approved version) → Amended April 21, 2011)

District Rule 2520, Federally Mandated Operating Permits (Adopted June 21, 2001)

VI. DESCRIPTION OF PROPOSED MODIFICATIONS

Wm. Bolthouse Farms, Inc. is proposing to temporarily replace a 510 bhp Cummins model QSX15 Tier 3 certified diesel-fired IC engine (serial # 79287674) powering an agricultural irrigation pump (Permit Unit S-6331-8) with a transportable 510 bhp Cummins model QSX15 Tier 3 certified diesel-fired IC engine (serial # 79323325) (ENG 00377). The replacement engine was permitted as ATC S-416-29-0 at another Wm. Bolthouse Farms, Inc. facility and serves as a Temporary Replacement Emissions Unit (TREU) for agricultural IC engines at various Bolthouse Farms agricultural operations. The TREU engine will be used to power an agricultural irrigation pump while Permit Unit S-6331-8 is temporarily shut down for maintenance, repairs, or modifications.

VII. COMPLIANCE

District Rule 2201, Section 3.41 defines a Temporary Replacement Emissions Unit (TREU) as:

3.41 Temporary Replacement Emissions Unit (TREU): an emissions unit which is at a Stationary Source for less than 180 days in any twelve month

period and replaces an existing emissions unit which is shutdown for maintenance or repair.

3.41.1 The Potential to Emit from a TREU must not exceed the Potential to Emit from the existing emissions unit.

3.41.2 If a TREU is used to replace a TREU, the combined time at the Stationary Source for the two TREU shall not exceed a total of 180 days in any twelve-month period.

3.41.3 An emissions unit not removed from the Stationary Source within 180 days is not a TREU.

The existing unit (S-6331-8) is a 510 bhp Cummins model QSX15 Tier 3 certified diesel-fired IC engine. Conditions 6 and 7 of Permit S-6331-8-1 give the following emissions factors for the existing unit: 2.85 g-NOx/bhp-hr, 2.6 g-CO/bhp-hr, 0.15 g-VOC/bhp-hr, and 0.15 g-PM10/bhp-hr.

The TREU (Unit S-416-29) is also a 510 bhp Cummins model QSX15 Tier 3 certified diesel-fired IC engine. Conditions 11 and 12 of ATC S-416-29-0 give the following emissions factors for the existing unit: 2.55 g-NOx/bhp-hr, 0.52 g-CO/bhp-hr, 0.13 g-VOC/bhp-hr, and 0.07 g-PM10/bhp-hr.

The rating of the TREU engine is the same as the existing unit S-6331-8 and none of the emissions factors for the TREU engine exceed of the emissions factors of the existing unit S-6331-8. Also, both the existing unit and the TREU are required to use CARB certified diesel fuel containing not more than 0.0015% sulfur by weight. Therefore, when operated under the same conditions, there will be no increases in emissions as a result of the proposed temporary replacement of the engine with the TREU engine.

The following conditions will be included in Permit S-6331-10-0 for the TREU engine to ensure compliance:

- This unit shall only be used to temporarily replace an existing unit that is shut down for maintenance or repair, and may only be used in this capacity if it meets the criteria set forth for a TREU in Rule 2201, Sections 3.41.1 through 3.41.3. [District Rule 2201]
- This unit shall not be located at this stationary source for more than 180 days in any 12 month period. The time spent at a maintenance or storage facility is not considered time located at the stationary source. [District Rule 2201]

Additionally, while the TREU engine is operated at the facility, the facility will be required to maintain a copy of Permit S-416-29 for the TREU onsite and comply with all applicable conditions contained in the permit for the TREU.

In accordance with Rule 2520, 3.20, these modifications:

1. Do not violate requirements of any applicable federally enforceable local or federal requirement;
2. Do not relax monitoring, reporting, or recordkeeping requirements in the permit and are not significant changes in existing monitoring permit terms or conditions;
3. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;
4. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:
 - a. A federally enforceable emission cap assumed to avoid classification as a modification under any provisions of Title I of the Federal Clean Air Act; and
 - b. An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Federal Clean Air Act; and
5. Are not Title I modifications as defined in District Rule 2520 or modifications as defined in section 111 or 112 of the Federal Clean Air Act; and
6. Do not seek to consolidate overlapping applicable requirements.

In accordance with Rule 2520, the application meets the procedural requirements of section 11.4 by including;

1. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
2. The source's suggested draft permit; and
3. Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used.

VIII. ATTACHMENTS

- A. Proposed Modified Title V Operating Permit No. S-6331-10-0
- B. Authority to Construct for Temporary Replacement Emissions Unit (TREU) (ATC No. S-416-29-0)
- C. Emissions Increases
- D. Application
- E. Title V Operating Permit No. S-6331-8-1

Proposed Modified Title V Operating Permit
(S-6331-10-0)

ATTACHMENT A

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-6331-10-0

EXPIRATION DATE: 12/31/2013

EQUIPMENT DESCRIPTION:

510 BHP CUMMINS MODEL QSX15 (SERIAL # 79323325) TIER 3 CERTIFIED DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION PUMP (ENG 00377) (PERMITTED AS UNIT S-416-29) SERVING AS A TEMPORARY REPLACEMENT EMISSIONS UNIT (TREU) FOR UNIT S-6331-8

PERMIT UNIT REQUIREMENTS

1. This unit shall only be used to temporarily replace an existing unit that is shut down for maintenance or repair, and may only be used in this capacity if it meets the criteria set forth for a TREU in Rule 2201, Sections 3.41.1 through 3.41.3. [District Rule 2201] Federally Enforceable Through Title V Permit
2. This unit shall not be located at this stationary source for more than 180 days in any 12 month period. The time spent at a maintenance or storage facility is not considered time located at the stationary source. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Permittee shall notify the District Compliance Division of each location at which the unit is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 1070]
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. 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
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
7. This engine shall be equipped with an operational nonresettable elapsed time meter. [District Rule 4702] Federally Enforceable Through Title V Permit
8. Total combined operation of this Temporary Replacement Emissions Unit (TREU) and the engine that was replaced by this unit shall not exceed 6,500 hours per year. [District Rule]
9. Emissions from this IC engine shall not exceed any of the following limits: 2.55 g-NOx/bhp-hr, 0.52 g-CO/bhp-hr, or 0.13 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115] Federally Enforceable Through Title V Permit
10. Emissions from this IC engine shall not exceed 0.07 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure [District Rules 2201 and 4102, and 17 CCR 93115] Federally Enforceable Through Title V Permit
11. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be used. [District Rules 2201 and 4801, 17 CCR 93115, and 40 CFR Part 60 Subpart III] Federally Enforceable Through Title V Permit
12. 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] Federally Enforceable Through Title V Permit
13. 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. 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
15. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The operator shall maintain records of the specific equipment that this unit replaces, and of the dates and location of its operation. Operator shall maintain a record of each individual period of time and of the total time that this unit is located at this stationary source. [District Rule 2201] Federally Enforceable Through Title V Permit
17. 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
18. A copy of Permit S-416-29-0 for the Temporary Replacement Emissions Unit (TREU) shall be maintained onsite and shall be made available for District inspection upon request. The facility shall comply with all applicable conditions contained in the permit for the TREU. [District Rule 2010] Federally Enforceable Through Title V Permit

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

DRAFT

ATTACHMENT B

Authority to Construct for Temporary
Replacement Emissions Unit (TREU)
(ATC No. S-416-29-0)



AUTHORITY TO CONSTRUCT

PERMIT NO: S-416-29-0

ISSUANCE DATE: 06/07/2013

LEGAL OWNER OR OPERATOR: WILLIAM BOLTHOUSE FARMS
MAILING ADDRESS: ATTN: DARREN FILKINS
7200 E BRUNDAGE LN
BAKERSFIELD, CA 93307

LOCATION: 7200 E BRUNDAGE LN
BAKERSFIELD, CA 93307

EQUIPMENT DESCRIPTION:
510 BHP CUMMINS MODEL QSX15 SERIAL NUMBER 79323325 TIER 3 CERTIFIED DIESEL-FIRED IC ENGINE
POWERING AN AGRICULTURAL IRRIGATION PUMP SERVING AS A TEMPORARY REPLACEMENT EMISSIONS UNIT
(TREU) (ENG 00377)

CONDITIONS

1. Prior to this unit being operated at a facility that holds a Title V permit, the facility shall submit a Minor Modification application to modify the Title V permit in accordance with District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. This engine may serve as a Temporary Replacement Emissions Unit (TREU) at all WM Bolthouse facilities within the District. [District Rule 2201]
3. This unit shall only be used to temporarily replace an existing unit that is shut down for maintenance or repair, and may only be used in this capacity if it meets the criteria set forth for a TREU in Rule 2201, Sections 3.41.1 through 3.41.3. [District Rule 2201]
4. This unit shall not be located at this stationary source for more than 180 days in any 12 month period. The time spent at a maintenance or storage facility is not considered time located at the stationary source. [District Rule 2201]
5. This engine shall not be operated within 1,000 feet of a K-12 school. [CH&SC 42301.6]
6. Permittee shall notify the District Compliance Division of each location at which the unit is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 1070]
7. Operator shall install and operate a non-resettable elapsed time meter. [District Rule 4702]

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
416 392-5500 JUN 7 2013 4:20PM - GARCIAJ : Joint Inspection NOT Required

8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
9. 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]
10. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
11. Emissions from this IC engine shall not exceed any of the following limits: 2.55 g-NO_x/bhp-hr, 0.52 g-CO/bhp-hr, or 0.13 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
12. Emissions from this IC engine shall not exceed 0.07 g-PM₁₀/bhp-hr based on USEPA certification using ISO 8178 test procedure [District Rules 2201 and 4102, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
13. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
14. Operator shall properly operate and maintain this engine as recommended by the engine manufacturer or emission control supplier. [District Rule 4702]
15. Operator shall monitor the operational characteristics of this engine as recommended by the engine manufacturer or emission control supplier. [District Rule 4702]
16. The operator shall maintain an engine log that includes the following data: Total hours of operation, type of fuel used, maintenance and modifications performed, monitoring data, and any other information necessary to demonstrate compliance with Rule 4702. [District Rule 4702]
17. The operator shall maintain records of the specific equipment that this unit replaces, and of the dates and location of its operation. Operator shall maintain a record of each individual period of time and of the total time that this unit is located at this stationary source. [District Rule 2201]
18. A copy of this permit shall be maintained at all facilities where this engine is located. [District Rule 2201]
19. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4702]

ATTACHMENT C

Emissions Increases

SSIFE (lb/yr)				
PM10	SOX	CO	VOC	NOX
0	0	0	0	0
S-6331-10-0				
TOTAL				

ATTACHMENT D

Application



May 9, 2014

Mr. Jesse A. Garcia
San Joaquin Valley APCD
1990 E. Gettysburg Ave.
Fresno, CA 93726

**Subject: Wm. Bolthouse Farms, Inc.
Title V Minor Modification Application
Replace Engine S-6331-8-1 with TREU S-416-29-0**

Dear Mr. Garcia,

Wm. Bolthouse Farms, Inc. (Bolthouse) is requesting to replace a 510 bhp Cummins Model QSX 15, Tier 3 engine (Permit S-6331-8-1) with a Temporary Replacement Emission Unit (TREU). The TREU is also a 510 bhp Cummins Model QSX 15, Tier 3 engine currently permitted with Permit No. ATC S-416-29-0.

This application submittal is being made pursuant to Condition 1 of ATC S-416-29-0.

If there are any questions, please contact me at 661-366-7206.

Sincerely,

A handwritten signature in black ink, appearing to read "Darren Filkins", is written over a light-colored background.

Darren Filkins
Vice President of Agriculture

Enclosure

C: D. Filkins, WBF



San Joaquin Valley Air Pollution Control District

www.valleyair.org

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MAY 12 2014
HEALTHY AIR LIVING

Permit Application For:

Permits Services
SJVAPCD

ADMINISTRATIVE AMENDMENT MINOR MODIFICATION SIGNIFICANT MODIFICATION

1. PERMIT TO BE ISSUED TO: William Bolthouse Farms	
2. MAILING ADDRESS: STREET/P.O. BOX: 7200 E Brundage Lane CITY: Bakersfield STATE: CA 9-DIGIT ZIP CODE: 93307-3016	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: MULLER ROAD & S. FAIRFAX ROAD CITY: Bakersfield 12, 13, 17, 18 ¼ SECTION & 20 TOWNSHIP TS-30-S RANGE R-28-E	INSTALLATION DATE: Upon issuance of a permit by the District
4. GENERAL NATURE OF BUSINESS: Farming	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) William Bolthouse Farms (WBF) seeks to replace a 510 bhp Cummins Model QSX 15, Tier 3 engine (Permit S-6331-8-1) with a Temporary Replacement Emission Unit (TREU). The TREU is also a 510 bhp Cummins Model QSX 15, Tier 3 engine currently permitted with Permit No. ATC S-416-29-0. This application is being submitted pursuant to Condition 1 of ATC S-416-29-0.	
6. TYPE OR PRINT NAME OF APPLICANT: Darren Filkins	TITLE OF APPLICANT: Vice President of Agriculture
7. SIGNATURE OF APPLICANT: 	DATE: 5/9/2014 PHONE: (661) 366-7209 FAX: () EMAIL: DFilkins@bolthouse.com

For APCD Use Only:

DATE STAMP	FILING FEE RECEIVED: \$ _____ CHECK#: _____
	DATE PAID: 5-416
	PROJECT NO: S-1142199 FACILITY ID: S-6331

Central Regional Office • 1990 E. Gettysburg Avenue • Fresno, CA 93726-0244 • (559) 230-5900 • FAX (559) 230-6061



San Joaquin Valley Unified Air Pollution Control District



TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

- SIGNIFICANT PERMIT MODIFICATION ADMINISTRATIVE
 MINOR PERMIT MODIFICATION AMENDMENT

COMPANY NAME: William Bolthouse Farms	FACILITY ID: S-6331
1. Type of Organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility	
2. Owner's Name: William Bolthouse Farms	
3. Agent to the Owner: Darren Filkins	

II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial all circles for confirmation):

- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s).
- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.
- Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true:

Darren Filkins
Signature of Responsible Official

5/9/2014
Date

Darren Filkins
Name of Responsible Official (please print)

Vice President of Agriculture
Title of Responsible Official (please print)

Title V Operating Permit
(S-6331-8-1)

ATTACHMENT E

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-6331-8-1

EXPIRATION DATE: 12/31/2013

EQUIPMENT DESCRIPTION:

510 BHP CUMMINS MODEL QSX15 TIER 3 CERTIFIED DIESEL-FIRED IC ENGINE (SERIAL #79287674) 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]
4. This 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
5. Operation of this engine shall not exceed 6,500 hours per year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Emissions from this IC engine shall not exceed any of the following limits: 2.85 g-NOx/bhp-hr, 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
7. Emissions from this IC engine shall not exceed 0.15 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
8. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201, 4801, 40 CFR 60.4207(b), and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. 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
10. 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
11. 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
12. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. 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

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