



MAR 10 2016

Mr. James Anderson  
Mouren Family Farms, Inc  
35244 Oil City Rd  
Coalinga, CA 93210

**Re: Notice of Final Action - Significant Title V Permit Modification  
District Facility # C-5169  
Project # C-1152567**

Dear Mr. Anderson:

The Air Pollution Control Officer has modified the Title V permit for Mouren Family Farms, Inc at multiple farm locations incorporating C-5169-40-0, -41-0, -42-0, -47-0, 48-0, -49-0, -51-0, and -52-0. This project added eight, transportable, diesel-fired IC engines powering agricultural irrigation pumps.

Enclosed is the modified Title V permit. The application and proposal were sent to CARB and US EPA Region IX on November 9, 2015. No comments were received following the District's preliminary decision on this project.

The notice of final decision for this project will be published approximately three days from the date of this letter.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Errol Villegas, Permit Services Manager, at (559) 230-5900.

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

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

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-5169-40-1

EXPIRATION DATE: 12/31/2018

## EQUIPMENT DESCRIPTION:

TRANSPORTABLE 376 BHP VOLVO MODEL TAD1252VE SN 2012584791 TIER 3 DIESEL-FIRED IC ENGINE  
POWERING AN AGRICULTURAL IRRIGATION BOOSTER PUMP

## PERMIT UNIT REQUIREMENTS

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1. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 2201, 4701, and 4702] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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. This engine may operate at any of the following Mouren Family Farms facilities: C-6713 (North of Coalinga on Oil City Road, Coalinga) (SW ¼ Sec. 36/T20S/R16E); C-6710 (Highway 33 and W Jayne Ave, Coalinga) (NW ¼ Sec. 3/T21S/R16E); and C-6708 (Highway 33 and Sutter Ave, Coalinga) (SW ¼ Sec. 1/T22S/R16E). [District Rule 4102]
6. A maximum of two booster engines may operate at any given well site. [District Rule 4102]
7. 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] Federally Enforceable Through Title V Permit
8. Facility-wide emissions from all permitted engines operated at facility C-5169 shall not exceed any of the following limits in any rolling 12-consecutive month period: NO<sub>x</sub> - 177,949 lb/year; VOC - 42,197 lb/year; CO - 699,479 lb/year; PM<sub>10</sub> - 9,727 lb/year; or SO<sub>x</sub> - 718 lb/year. [District Rule 2080] Federally Enforceable Through Title V Permit
9. On a monthly basis, the permittee shall calculate and record the monthly emissions from this engine for the most recently concluded month. The monthly engine emissions shall be calculated according to the following formula: lb/month = EF (g/hp-hr) x Engine Rating (bhp) x hours operated (hr/month) x 0.80 x 1.0 lb/453.6 g. [District Rule 1070] Federally Enforceable Through Title V Permit
10. On a monthly basis, the permittee shall calculate and record the facility-wide engine emissions at facility C-5169, in pounds, from the preceding 12 months. The facility-wide engine emissions shall be calculated by summing the emissions from the previous 12 months from every permitted engine at this facility. [District Rule 1070 and 2520] Federally Enforceable Through Title V Permit
11. 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]
12. Emissions from this IC engine shall not exceed any of the following limits: 2.85 g-NO<sub>x</sub>/bhp-hr, 2.6 g-CO/bhp-hr, or 0.15 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115] 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. 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 Rules 2201 and 4102, and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
15. This engine shall be operated at one location or site at a facility for no 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] Federally Enforceable Through Title V Permit
16. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 470] Federally Enforceable Through Title V Permit
17. 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
18. 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
19. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
20. 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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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-5169-41-1

**EXPIRATION DATE:** 12/31/2018

**EQUIPMENT DESCRIPTION:**

TRANSPORTABLE 393 BHP VOLVO MODEL TAD 1251VE SN 2012621678 TIER 3 DIESEL-FIRED IC ENGINE  
POWERING AN AGRICULTURAL IRRIGATION BOOSTER PUMP

## PERMIT UNIT REQUIREMENTS

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1. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 2201, 4701, and 4702] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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. This engine may operate at any of the following Mouren Family Farms facilities: C-6713 (North of Coalinga on Oil City Road, Coalinga) (SW ¼ Sec. 36/T20S/R16E); C-6710 (Highway 33 and W Jayne Ave, Coalinga) (NW ¼ Sec. 3/T21S/R16E); and C-6708 (Highway 33 and Sutter Ave, Coalinga) (SW ¼ Sec. 1/T22S/R16E). [District Rule 4102]
6. A maximum of two booster engines may operate at any given well site. [District Rule 4102]
7. 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] Federally Enforceable Through Title V Permit
8. Facility-wide emissions from all permitted engines operated at facility C-5169 shall not exceed any of the following limits in any rolling 12-consecutive month period: NOx - 177,949 lb/year; VOC - 42,197 lb/year; CO - 699,479 lb/year; PM10 - 9,727 lb/year; or SOx - 718 lb/year. [District Rule 2080] Federally Enforceable Through Title V Permit
9. On a monthly basis, the permittee shall calculate and record the monthly emissions from this engine for the most recently concluded month. The monthly engine emissions shall be calculated according to the following formula:  $\text{lb/month} = \text{EF (g/hp-hr)} \times \text{Engine Rating (bhp)} \times \text{hours operated (hr/month)} \times 0.80 \times 1.0 \text{ lb/453.6 g}$ . [District Rule 1070] Federally Enforceable Through Title V Permit
10. On a monthly basis, the permittee shall calculate and record the facility-wide engine emissions at facility C-5169, in pounds, from the preceding 12 months. The facility-wide engine emissions shall be calculated by summing the emissions from the previous 12 months from every permitted engine at this facility. [District Rule 1070 and 2520] Federally Enforceable Through Title V Permit
11. 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]
12. 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 Rules 2201 and 4702, and 17 CCR 93115] 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. 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 Rules 2201 and 4102, and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
15. This engine shall be operated at one location or site at a facility for no 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] Federally Enforceable Through Title V Permit
16. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 470] Federally Enforceable Through Title V Permit
17. 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
18. 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
19. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
20. 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.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-5169-42-1

**EXPIRATION DATE:** 12/31/2018

**EQUIPMENT DESCRIPTION:**

TRANSPORTABLE 422 BHP VOLVO MODEL TAD 1362VE SN 2013273385 TIER 4 DIESEL-FIRED IC ENGINE  
POWERING AN AGRICULTURAL IRRIGATION BOOSTER PUMP

## PERMIT UNIT REQUIREMENTS

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1. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 2201, 4701, and 4702] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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. This engine may operate at any of the following Mouren Family Farms facilities: C-6713 (North of Coalinga on Oil City Road, Coalinga) (SW ¼ Sec. 36/T20S/R16E); C-6710 (Highway 33 and W Jayne Ave, Coalinga) (NW ¼ Sec. 3/T21S/R16E); and C-6708 (Highway 33 and Sutter Ave, Coalinga) (SW ¼ Sec. 1/T22S/R16E). [District Rule 4102]
6. A maximum of two booster engines may operate at any given well site. [District Rule 4102]
7. 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] Federally Enforceable Through Title V Permit
8. Facility-wide emissions from all permitted engines operated at facility C-5169 shall not exceed any of the following limits in any rolling 12-consecutive month period: NOx - 177,949 lb/year; VOC - 42,197 lb/year; CO - 699,479 lb/year; PM10 - 9,727 lb/year; or SOx - 718 lb/year. [District Rule 2080] Federally Enforceable Through Title V Permit
9. On a monthly basis, the permittee shall calculate and record the monthly emissions from this engine for the most recently concluded month. The monthly engine emissions shall be calculated according to the following formula:  $\text{lb/month} = \text{EF (g/hp-hr)} \times \text{Engine Rating (bhp)} \times \text{hours operated (hr/month)} \times 0.80 \times 1.0 \text{ lb/453.6 g}$ . [District Rule 1070] Federally Enforceable Through Title V Permit
10. On a monthly basis, the permittee shall calculate and record the facility-wide engine emissions at facility C-5169, in pounds, from the preceding 12 months. The facility-wide engine emissions shall be calculated by summing the emissions from the previous 12 months from every permitted engine at this facility. [District Rule 1070 and 2520] Federally Enforceable Through Title V Permit
11. 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]
12. Emissions from this IC engine shall not exceed any of the following limits: 0.29 g-NOx/bhp-hr, 2.6 g-CO/bhp-hr, or 0.14 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115] 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. Emissions from this IC engine shall not exceed 0.01 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
15. This engine shall be operated at one location or site at a facility for no 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] Federally Enforceable Through Title V Permit
16. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 470] Federally Enforceable Through Title V Permit
17. 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
18. 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
19. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
20. 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.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-5169-47-1

**EXPIRATION DATE:** 12/31/2018

**EQUIPMENT DESCRIPTION:**

TRANSPORTABLE 415 BHP CATERPILLAR MODEL CG137-8 SN KWJ03658 TIER 4 DIESEL-FIRED IC ENGINE  
POWERING AN AGRICULTURAL IRRIGATION BOOSTER PUMP

## PERMIT UNIT REQUIREMENTS

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1. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 2201, 4701, and 4702] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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. This engine may operate at any of the following Mouren Family Farms facilities: C-6713 (North of Coalinga on Oil City Road, Coalinga) (SW ¼ Sec. 36/T20S/R16E); C-6710 (Highway 33 and W Jayne Ave, Coalinga) (NW ¼ Sec. 3/T21S/R16E); and C-6708 (Highway 33 and Sutter Ave, Coalinga) (SW ¼ Sec. 1/T22S/R16E). [District Rule 4102]
6. A maximum of two booster engines may operate at any given well site. [District Rule 4102]
7. 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] Federally Enforceable Through Title V Permit
8. Facility-wide emissions from all permitted engines operated at facility C-5169 shall not exceed any of the following limits in any rolling 12-consecutive month period: NOx - 177,949 lb/year; VOC - 42,197 lb/year; CO - 699,479 lb/year; PM10 - 9,727 lb/year; or SOx - 718 lb/year. [District Rule 2080] Federally Enforceable Through Title V Permit
9. On a monthly basis, the permittee shall calculate and record the monthly emissions from this engine for the most recently concluded month. The monthly engine emissions shall be calculated according to the following formula:  
$$\text{lb/month} = \text{EF (g/hp-hr)} \times \text{Engine Rating (bhp)} \times \text{hours operated (hr/month)} \times 0.80 \times 1.0 \text{ lb/453.6 g.}$$
[District Rule 1070] Federally Enforceable Through Title V Permit
10. On a monthly basis, the permittee shall calculate and record the facility-wide engine emissions at facility C-5169, in pounds, from the preceding 12 months. The facility-wide engine emissions shall be calculated by summing the emissions from the previous 12 months from every permitted engine at this facility. [District Rule 1070 and 2520] Federally Enforceable Through Title V Permit
11. 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]
12. Emissions from this IC engine shall not exceed any of the following limits: 0.29 g-NOx/bhp-hr, 2.6 g-CO/bhp-hr, or 0.14 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115] 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. Emissions from this IC engine shall not exceed 0.01 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
15. This engine shall be operated at one location or site at a facility for no 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] Federally Enforceable Through Title V Permit
16. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 470] Federally Enforceable Through Title V Permit
17. 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
18. 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
19. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
20. 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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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-5169-48-1

**EXPIRATION DATE:** 12/31/2018

**EQUIPMENT DESCRIPTION:**

TRANSPORTABLE 400 BHP CATERPILLAR MODEL CG137-8 SN KWJ0359 TIER 4 DIESEL-FIRED IC ENGINE  
POWERING AN AGRICULTURAL IRRIGATION BOOSTER PUMP

## PERMIT UNIT REQUIREMENTS

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1. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 2201, 4701, and 4702] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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. This engine may operate at any of the following Mouren Family Farms facilities: C-6713 (North of Coalinga on Oil City Road, Coalinga) (SW ¼ Sec. 36/T20S/R16E); C-6710 (Highway 33 and W Jayne Ave, Coalinga) (NW ¼ Sec. 3/T21S/R16E); and C-6708 (Highway 33 and Sutter Ave, Coalinga) (SW ¼ Sec. 1/T22S/R16E). [District Rule 4102]
6. A maximum of two booster engines may operate at any given well site. [District Rule 4102]
7. 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] Federally Enforceable Through Title V Permit
8. Facility-wide emissions from all permitted engines operated at facility C-5169 shall not exceed any of the following limits in any rolling 12-consecutive month period: NOx - 177,949 lb/year; VOC - 42,197 lb/year; CO - 699,479 lb/year; PM10 - 9,727 lb/year; or SOx - 718 lb/year. [District Rule 2080] Federally Enforceable Through Title V Permit
9. On a monthly basis, the permittee shall calculate and record the monthly emissions from this engine for the most recently concluded month. The monthly engine emissions shall be calculated according to the following formula:  $\text{lb/month} = \text{EF (g/hp-hr)} \times \text{Engine Rating (bhp)} \times \text{hours operated (hr/month)} \times 0.80 \times 1.0 \text{ lb/453.6 g}$ . [District Rule 1070] Federally Enforceable Through Title V Permit
10. On a monthly basis, the permittee shall calculate and record the facility-wide engine emissions at facility C-5169, in pounds, from the preceding 12 months. The facility-wide engine emissions shall be calculated by summing the emissions from the previous 12 months from every permitted engine at this facility. [District Rule 1070 and 2520] Federally Enforceable Through Title V Permit
11. 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]
12. Emissions from this IC engine shall not exceed any of the following limits: 0.29 g-NOx/bhp-hr, 2.6 g-CO/bhp-hr, or 0.14 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115] 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. Emissions from this IC engine shall not exceed 0.01 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
15. This engine shall be operated at one location or site at a facility for no 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] Federally Enforceable Through Title V Permit
16. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 470] Federally Enforceable Through Title V Permit
17. 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
18. 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
19. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
20. 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.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-5169-49-1

**EXPIRATION DATE:** 12/31/2018

**EQUIPMENT DESCRIPTION:**

TRANSPORTABLE 396 BHP VOLVO MODEL TWD1240VE SN 2012489491 TIER 2 DIESEL-FIRED IC ENGINE  
POWERING AN AGRICULTURAL IRRIGATION BOOSTER PUMP

## PERMIT UNIT REQUIREMENTS

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1. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 2201, 4701, and 4702] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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. This engine may operate at any of the following Mouren Family Farms facilities: C-6713 (North of Coalinga on Oil City Road, Coalinga) (SW ¼ Sec. 36/T20S/R16E); C-6710 (Highway 33 and W Jayne Ave, Coalinga) (NW ¼ Sec. 3/T21S/R16E); and C-6708 (Highway 33 and Sutter Ave, Coalinga) (SW ¼ Sec. 1/T22S/R16E). [District Rule 4102]
6. A maximum of two booster engines may operate at any given well site. [District Rule 4102]
7. 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] Federally Enforceable Through Title V Permit
8. Facility-wide emissions from all permitted engines operated at facility C-5169 shall not exceed any of the following limits in any rolling 12-consecutive month period: NOx - 177,949 lb/year; VOC - 42,197 lb/year; CO - 699,479 lb/year; PM10 - 9,727 lb/year; or SOx - 718 lb/year. [District Rule 2080] Federally Enforceable Through Title V Permit
9. On a monthly basis, the permittee shall calculate and record the monthly emissions from this engine for the most recently concluded month. The monthly engine emissions shall be calculated according to the following formula:  
$$\text{lb/month} = \text{EF (g/hp-hr)} \times \text{Engine Rating (bhp)} \times \text{hours operated (hr/month)} \times 0.80 \times 1.0 \text{ lb/453.6 g.}$$
[District Rule 1070] Federally Enforceable Through Title V Permit
10. On a monthly basis, the permittee shall calculate and record the facility-wide engine emissions at facility C-5169, in pounds, from the preceding 12 months. The facility-wide engine emissions shall be calculated by summing the emissions from the previous 12 months from every permitted engine at this facility. [District Rule 1070 and 2520] Federally Enforceable Through Title V Permit
11. 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]
12. Emissions from this IC engine shall not exceed any of the following limits: 4.56 g-NOx/bhp-hr, 2.6 g-CO/bhp-hr, or 0.24 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115] 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. 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 Rules 2201 and 4102, and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
15. This engine shall be operated at one location or site at a facility for no 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] Federally Enforceable Through Title V Permit
16. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 470] Federally Enforceable Through Title V Permit
17. 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
18. 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
19. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
20. 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
21. This certified Tier 2 engine shall be replaced with a new certified Tier 4 engine by 12 years from the installation of the engine, whichever is later, to be in compliance with Rule 4702. An Authority to Construct (ATC) application for new certified Tier 4 engine must be submitted to the District at least six months before the compliance date. [District Rule 4702] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-5169-51-1

**EXPIRATION DATE:** 12/31/2018

**EQUIPMENT DESCRIPTION:**

RENTAL TRANSPORTABLE 400 BHP JOHN DEERE MODEL 6135 HF 485 TIER 3 CERTIFIED DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION PUMP (REPLACEMENT FOR PERMIT UNIT C-5169-46-0)

## PERMIT UNIT REQUIREMENTS

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1. Within 90 days after startup of the equipment authorized by this Authority to Construct, Permit to Operate C-5169-46 shall be surrendered to the District and the associated equipment shall be removed or rendered inoperable. [District Rule 2201]
2. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 2201, 4701, and 4702] Federally Enforceable Through Title V Permit
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. 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
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
6. This engine may operate at any of the following Mouren Family Farms facilities: C-6713 (North of Coalinga on Oil City Road, Coalinga) (SW ¼ Sec. 36/T20S/R16E); C-6710 (Highway 33 and W Jayne Ave, Coalinga) (NW ¼ Sec. 3/T21S/R16E); and C-6708 (Highway 33 and Sutter Ave, Coalinga) (SW ¼ Sec. 1/T22S/R16E). [District Rule 4102]
7. A maximum of two booster engines may operate at any given well site. [District Rule 4102]
8. 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] Federally Enforceable Through Title V Permit
9. Facility-wide emissions from all permitted engines operated at facility C-5169 shall not exceed any of the following limits in any rolling 12-consecutive month period: NOx - 177,949 lb/year; VOC - 42,197 lb/year; CO - 699,479 lb/year; PM10 - 9,727 lb/year; or SOx - 718 lb/year. [District Rule 2080] Federally Enforceable Through Title V Permit
10. On a monthly basis, the permittee shall calculate and record the monthly emissions from this engine for the most recently concluded month. The monthly engine emissions shall be calculated according to the following formula:  $\text{lb/month} = \text{EF (g/hp-hr)} \times \text{Engine Rating (bhp)} \times \text{hours operated (hr/month)} \times 0.80 \times 1.0 \text{ lb/453.6 g}$ . [District Rule 1070] Federally Enforceable Through Title V Permit
11. On a monthly basis, the permittee shall calculate and record the facility-wide engine emissions at facility C-5169, in pounds, from the preceding 12 months. The facility-wide engine emissions shall be calculated by summing the emissions from the previous 12 months from every permitted engine at this facility. [District Rule 1070 and 2520] Federally Enforceable Through Title V Permit
12. 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]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Emissions from this IC engine shall not exceed any of the following limits: 2.4 g-NOx/bhp-hr, 0.4 g-CO/bhp-hr, or 0.1 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. 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 Rules 2201 and 4102 and 17 CCR 93115] Federally Enforceable Through Title V Permit
15. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
16. This engine shall be operated at one location or site at a facility for no 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] Federally Enforceable Through Title V Permit
17. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 470] Federally Enforceable Through Title V Permit
18. 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
19. 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
20. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
21. 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.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-5169-52-1

**EXPIRATION DATE:** 12/31/2018

**EQUIPMENT DESCRIPTION:**

TRANSPORTABLE 415 BHP (CONTINUOUS) CATERPILLAR MODEL C13 SN KWJ04401 TIER 4I CERTIFIED DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION PUMP

## PERMIT UNIT REQUIREMENTS

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1. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 2201, 4701, and 4702] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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. This engine may operate at any of the following Mouren Family Farms facilities: C-6713 (North of Coalinga on Oil City Road, Coalinga) (SW ¼ Sec. 36/T20S/R16E); C-6710 (Highway 33 and W Jayne Ave, Coalinga) (NW ¼ Sec. 3/T21S/R16E); and C-6708 (Highway 33 and Sutter Ave, Coalinga) (SW ¼ Sec. 1/T22S/R16E). [District Rule 4102]
6. A maximum of two booster engines may operate at any given well site. [District Rule 4102]
7. 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] Federally Enforceable Through Title V Permit
8. Facility-wide emissions from all permitted engines operated at facility C-5169 shall not exceed any of the following limits in any rolling 12-consecutive month period: NOx - 177,949 lb/year; VOC - 42,197 lb/year; CO - 699,479 lb/year; PM10 - 9,727 lb/year; or SOx - 718 lb/year. [District Rule 2080] Federally Enforceable Through Title V Permit
9. 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]
10. On a monthly basis, the permittee shall calculate and record the monthly emissions from this engine for the most recently concluded month. The monthly engine emissions shall be calculated according to the following formula:  $\text{lb/month} = \text{EF (g/hp-hr)} \times \text{Engine Rating (bhp)} \times \text{hours operated (hr/month)} \times 0.80 \times 1.0 \text{ lb/453.6 g}$ . [District Rule 1070] Federally Enforceable Through Title V Permit
11. On a monthly basis, the permittee shall calculate and record the facility-wide engine emissions at facility C-5169, in pounds, from the preceding 12 months. The facility-wide engine emissions shall be calculated by summing the emissions from the previous 12 months from every permitted engine at this facility. [District Rule 1070 and 2520] Federally Enforceable Through Title V Permit
12. Emissions from this IC engine shall not exceed any of the following limits: 1.2 g-NOx/bhp-hr, 1.0 g-CO/bhp-hr, or 0.04 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93116] 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. Emissions from this IC engine shall not exceed 0.001 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93116] Federally Enforceable Through Title V Permit
14. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
15. This engine shall be operated at one location or site at a facility for no 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] Federally Enforceable Through Title V Permit
16. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 470] Federally Enforceable Through Title V Permit
17. 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
18. 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
19. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
20. 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.