

**SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT**

**HEAVY-DUTY
ENGINE PROGRAM**

OFF-ROAD VEHICLE COMPONENT

ENGINE REPOWER AND RETROFIT OPTION

ELIGIBILITY CRITERIA AND APPLICATION GUIDELINES

The San Joaquin Valley Air Pollution Control District (SJVAPCD) is currently accepting applications requesting monetary incentives to replace existing vehicle compression-ignition engines with newer reduced-emission certified engines, according to the terms and conditions described in these guidelines. For additional information, assistance or to receive application materials, please contact:

**San Joaquin Valley Air Pollution Control District
Emission Reduction Incentive Program
1990 East Gettysburg Avenue
Fresno, CA 93726-0244**

You may also contact us by phone or visit our website at:

(559) 230-5800
www.valleyair.org

ELIGIBILITY CRITERIA

Replacement of an existing engine in an off-road vehicle with a new or remanufactured engine.

- ❖ The **existing** vehicle must be:
 - Rated at twenty-five (25) horsepower or greater.
 - Operated in the state of California under the applicant/organization name for at least twelve (12) months prior to the application submission date.
 - In operating condition at the time of application submission **and** SJVAPCD inspection.
 - Operating condition is determined through an inspection process conducted by SJVAPCD staff prior to agreement execution.
- ❖ The **new** engine must:
 - Be certified by the California Air Resources Board (ARB) for sale in California **and** must comply with durability and warranty requirements.
 - Family Emission Limit (FEL) certified engines and any engine used in an Averaging, Banking and Trading (AB&T) Program must receive prior SJVAPCD approval.
 - Be a new Original Equipment Manufacturer (OEM) remanufactured, or rebuilt off-road engine ARB certified/re-certified to:
 - The current applicable emission standard, or
 - To a FEL NO_x or NO_x+NMHC level that is lower than the required emission standard, or
 - To an optional credit emission standard as applicable for the horsepower rating.
 - Demonstrate at least a 15% reduction of Nitrogen Oxides (NO_x) emissions from the existing engine and no net increase of Particulate Matter (PM) emissions.
 - Also include the installation of the highest available ARB verified retrofit as part of the project, if technically feasible.
 - Devote at least 75% of the vehicle's annual hours of operation within California **and** at least 25% within SJVAPCD boundaries (see page 12).
- ❖ The participant must:
 - Remain the owner of the repowered vehicle for the life of the project/agreement. Project life ranges from three (3) to ten (10) years. Projects with a project life less than three (3) years will be considered on a case-by-case basis.
 - If the repowered vehicle is sold during the project life, then the new owner of the vehicle must assume the agreement obligations with the SJVAPCD and comply with the terms and conditions outlined in the original agreement. The SJVAPCD must approve the vehicle ownership change **prior** to its sale.
 - Maintain replacement value insurance for the vehicle through the full term of the agreement.
 - Submit annual reports to the SJVAPCD through the full term of the agreement.
 - Not **purchase** or **install** equipment under funding consideration **prior** to agreement execution.

❖ Equipment/engines not available for funding:

- Engines participating in the AB&T program that are certified to FELs higher than the applicable emission standards.
- Equipment manufactured under the "Flexibility Provisions for Equipment Manufacturers."
- Engines that are participating in the "Tier 4 Early Introduction Incentive for Engine Manufacturers" program.

APPLICANT RESOURCE WEB PAGE

To assist applicants participating in the SJVAPCD's Heavy-Duty Engine Emission Reduction Incentive Program, the SJVAPCD has developed an Applicant Resource Web Page. This page contains links to engine manufacturers, distributors and local dealers familiar with the requirements of the program. The information and contacts within these links can assist you in obtaining all of the information necessary to fulfill the requirements of the program. Additionally, this page contains links to the California Air Resources Board website where you can obtain a list of eligible engines, vehicles, associated Executive Orders and other technical information.

When preparing an application, we ask that you utilize the information presented within the links on this page. By submitting complete application packets with accurate information, we can reduce the amount of time and resources necessary to process your application.

Please note that the manufacturers, distributors and dealers represented on this page have not been "approved" by the SJVAPCD nor do they represent an exhaustive list of available resources. If you are an engine manufacturer, distributor, or dealer and you wish to be included on the Applicant Resource Web Page, please contact the SJVAPCD's Emission Reduction Incentive Program.

The Applicant Resource Web Page can be found at www.valleyair.org under the "Grants and Incentives" tab.

APPLICATION GUIDELINES

- ❖ Fill out the application completely and as accurately as possible. Do not leave any required fields blank, as it lengthens the processing timeframe associated with the application and delays funding.
- ❖ All required signatures must be in blue ink, as a way to identify them as an original.
 - If a third party filled out any part or all of the application on your behalf, make sure that the Third Party Signature section is completely filled out and signed.
- ❖ A copy of the following items must accompany the application at the time of submittal in order to be deemed **complete**:
 - Internal Revenue Service (IRS) Request for Taxpayer Identification Number and Certification Form W-9 (Form W-9).
 - The information entered into Section 1 of the application must be **identical** to the information on Form W-9, as this information will be used to generate all binding documents and be used to report incentive funding to the IRS.
 - A copy of the IRS Form W-9 can be downloaded at www.irs.gov or by calling 1-800-829-3676.
 - If your business is a Limited Liability Company (LLC), please follow the instructions found on Form W-9.
 - Applicable ARB Executive Order (EO), in its entirety, for the new reduced-emission engine and the verified retrofit device.
 - Request an EO from your engine/retrofit dealer, or
 - Retrieve an EO online at www.arb.ca.gov from ARB's website.
 - Itemized engine dealer quote for the reduced-emission engine and retro, that includes:
 - Date that the quote was generated.
 - Applicant/business name and address.
 - Engine dealer name and address.
 - ARB certified engine **and** verified retrofit device name.
 - Complete and detailed breakdown of **all** costs: new engine, retrofit device, core charge, hardware, installation labor, annual maintenance cost and tax.
 - Cost of the ARB verified retrofit device **might** be eligible for funding provided the project meets the SJVAPCD cost-effectiveness limit.
 - Maintenance costs for the ARB verified retrofit device **might** be eligible for funding provided the project meets the SJVAPCD cost-effectiveness limit.

STEP-BY-STEP APPLICATION GUIDANCE

This section outlines the information requirements for each field of the application. If you need additional assistance, please contact the Emission Reduction Incentive Program and a staff member will assist you.

SECTION 1 – APPLICANT INFORMATION

1. **Organization, Company, or Proprietor's Name**

The legal name of the entity that will enter into agreement with the SJVAPCD. The information entered into Section 1 of the application must be **identical** to the information on Form W-9, as this information will be used to generate all binding documents and be used to report incentive funding to the IRS.

2. **Business Type**

The classification of the entity that appears in the "Organization, Company, or Proprietor's Name" field of the application. Check the appropriate box.

3. **Tax ID**

Taxpayer Identification Number (TIN) entered in Form W-9, in the form of an employer identification number or a social security number. **The organization's name and TIN will be used to report incentive funding to the IRS.** The SJVAPCD cannot give tax advice, as such, please contact a tax professional or the IRS to determine the tax consequences associated with receiving incentive funding.

4. - 7. **Address**

The physical address where the organization is located, including: number and street name, city, state and zip code.

8. - 11. **Mailing Address**

The mailing address used by the organization. If the physical and mailing address are the same, simply write "Same." All correspondence generated by the SJVAPCD, including the agreement, checks, and annual reports, will be sent to the mailing address.

12. **Number of Vehicles to be Repowered/Retrofit**

Provide the number of vehicles to be repowered and retrofit as part this repower project.

13. **First and Last Name**

The first and last name of the person that will serve as the primary contact to the SJVAPCD through the project/ life. All questions related to your project will go this individual.

14. **Title**

Job title of the primary contact.

15. **Phone Number**

The main phone number, including area code, for the primary contact.

16. **Fax Number**

Fax number, including area code, for the primary contact.

17. **Alternate Contact Numbers**
Alternate phone numbers, including area code, where the primary contact can be reached.
18. **Email**
Email address of the primary contact.
19. **First and Last Name**
The first and last name of the person, designated by the entity that will enter into binding agreement with the SJVAPCD, to sign on the entity's behalf.
20. **Title**
The job title of the person designated to sign on the entity's behalf.

SECTION 2 – ACTIVITY INFORMATION

1. - 3. **Vehicle Address**
Physical location (street address, city and zip code) of where the vehicle is domiciled.
4. **Vehicle #**
Identify the vehicle by number if one has been assigned to it by your facility.
5. **County of Operation**
Check in which county or counties the vehicle will be used.
6. **Vehicle Type**
Check the type of the vehicle: agricultural, construction, dredging, drilling, industrial, logging, or other (specify).
7. **Vehicle Usage**
Explain the usage for the specific type of vehicle listed in this application.
8. **Annual Operation**
Engine's annual operation in hours.
9. **Annual Fuel Usage**
Amount of annual fuel usage, in gallons, by engine.
10. **Is the Vehicle Used Seasonally?**
Check whether or not the vehicle is used seasonally. If the vehicle is used seasonally, provide an example.
11. **Percentage Use in SJVAPCD**
Percentage of annual operational hours within SJVAPCD boundaries (see page 12).
12. **Percentage Use in California**
Percentage of annual operational hours within California.

13. - 14. Vehicle Make and Model

The make is the manufacturer of the vehicle, and the model is the style of vehicle. For example, Case (make) 721 (model).

15. Model Year

OEM model year in which the current vehicle chassis was manufactured.

16. Vehicle Identification Number

The VIN listed on the engine.

17. Has the Project Applied for Co-funds?

Check whether or not this project has applied for co-funding. If yes, provide name of the agency.

18. Number of Vehicles in Fleet

Provide the total number of vehicles in your fleet.

19. Is this Vehicle operational?

Check whether or not the vehicle is currently operational. Non-operational vehicles are ineligible for funding. The vehicle must be operational at the time of inspection.

20. When would this Vehicle be available for operational inspection?

Check the time(s) and day(s) the vehicle would be available for inspection by SJVAPCD staff. This information may be used for scheduling purposes, however it does not guarantee your inspection on a specific day or time. SJVAPCD staff will contact you to set up an inspection appointment.

SECTION 3 – EQUIPMENT INFORMATION**CURRENT ENGINE****1. - 2. Engine Make and Model**

The make is the manufacturer of the engine, and the model is the type of engine. For example, Cummins (make) 6BTA5.9C (model).

3. Model Year

The year that the engine model was manufactured.

4. Horsepower Rating

The brake horsepower of the engine.

5. Serial Number

The serial number listed on the engine.

6. EPA-Certified Engine Family Name

The certified engine family name assigned by EPA. This information should be available through your engine dealer.

7. Engine Tier

The engine tier assigned to the engine.

8. Fuel Type

The fuel type used by the current engine.

9. Engine Type

Check whether the engine is a compression-ignited or spark-ignited.

NEW REDUCED-EMISSION ENGINE**1. - 2. Engine Make and Model**

The make is the manufacturer of the engine, and the model is the type of engine. For example, Deutz (make) BF6L914C (model).

3. Model Year

The year that the engine model was manufactured.

4. Horsepower Rating

The brake horsepower rating of the engine.

5. Fuel Type

The fuel type used by the current engine.

6. Engine Type

Check whether the engine is a compression-ignited or spark-ignited.

7. EPA-Certified Engine Family Name

The certified engine family name assigned by EPA. This information should be available through your engine dealer.

8. Engine Tier

The engine tier level of the engine.

9. Total Cost of New Engine Project

The total cost of the new reduced-emission engine project. The cost includes: new engine, retrofit device, hardware, installation labor, annual maintenance cost and tax.

RETROFIT**1. - 2. Retrofit Make and Model**

The make is the manufacturer of the retrofit, and the model is the type of retrofit. For example, Donaldson (make) DCM 6000 Series (model).

3. Retrofit Verification Level

The level of emission reduction benefit associated with the retrofit device as assigned and verified by ARB.

4. Verified Emission Reductions

Please provide the emission reductions obtained by the retrofit as a percentage.

5. ARB Retrofit Family Name

ARB assigns each retrofit, otherwise known as a DECS, a family name. This information should be available through your retrofit dealer.

6. Total Cost of Retrofit Project

This is the total cost of the retrofit device. The cost includes: retrofit device, hardware, labor, warranty and tax.

SECTION 4 – ENGINE AND RETROFIT DEALER/INSTALLER INFORMATION**1. Engine/Retrofit Dealer Name**

Name of the business where you will be purchasing the certified engine and verified retrofit device associated with this application.

2. - 5. Address

The physical address where the engine/retrofit dealer is located, including: number and street name, city, state and zip code.

6. Contact Name

First and last name of the person the SJVAPCD can contact regarding the purchase of the ARB certified engine and verified retrofit device.

7. Phone Number

Phone number, including area code, of the contact person.

8. Fax Number

Fax number, including area code, of the contact person.

9. Engine/Retrofit Installer Name (if different from dealer)

Name of the business who will be installing the ARB certified engine and verified retrofit device associated with this project, if different from engine/retrofit dealer information.

10. - 13. Address

The physical address where the engine/retrofit installer is located, including: number and street name, city, state and zip code.

14. Contact Name

First and last name of the person the SJVAPCD can contact regarding the installation of the engine/retrofit device.

15. Phone Number

Phone number, including area code, of the contact person.

16. Fax Number

Fax number, including area code, of the contact person.

MAP OF THE SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT BOUNDARIES

