

**Bay Area Air Quality Management District Carl Moyer Program  
Projects to Reduce Air Pollution from Agricultural Engines and Operations  
Project Fact Sheet**

**What is the Carl Moyer Program?**

The Carl Moyer Memorial Air Quality Standards Attainment Program (Carl Moyer Program) is a state funded program that offers grants to owners of heavy-duty vehicles and equipment in order to reduce air pollution emissions from heavy-duty engines.

**What types of grants are available to reduce air pollution from agricultural engines and operations?**

Grants are available to help agricultural equipment owners 1) install particle traps, 2) replace older engines with newer and cleaner engines, and 3) to purchase new equipment. Grants are also available to reduce emissions due to agricultural operations, such as dairies and livestock operations. These projects will be considered on a case-by-case basis.

**Who can apply?**

Provided the project is not required by law, owners of mobile engines and stationary engines with more than 25 horsepower are eligible for grants. Portable engines are not eligible. All vehicles and equipment funded with a grant must operate within the Air District's boundaries.

The District is accepting applications for projects throughout its jurisdiction, but will prioritize projects that reduce emissions in impacted communities. Highest priority will be given to the following six highly impacted communities:

- 1) Eastern San Francisco, 2) West Oakland, 3) East Oakland/San Leandro, 4) Richmond
- 5) San Jose, and 6) Concord.

For a map of impacted communities in the Bay Area, see: <http://www.baaqmd.gov/moyer>. The following counties are part of the Air District's jurisdiction: Alameda, Contra Costa, Marin, San Mateo, San Francisco, Santa Clara, and Napa counties. The southern portions of Solano and Sonoma counties are also part of the Air District.

**How do I know if my project is required by law?**

ARB has the authority to pass and enforce Fleet Rules that require mobile and stationary engine owners to clean up existing engines. In addition, the Air District has the authority to require local stationary engines to be cleaner than required at the state level. At present, there are several state and local Fleet Rules that cover stationary and mobile engines, some of which exempt engines dedicated exclusively to agricultural use. To determine if any Fleet Rules cover your equipment, visit the following webpages:

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Rule	Webpage Information Link
Stationary Diesel Engine Air Toxic Control Measure	<a href="http://www.arb.ca.gov/diesel/statport.htm">http://www.arb.ca.gov/diesel/statport.htm</a>
Off-Road Diesel Vehicle Rule (exempts engines used exclusively in agricultural applications)	<a href="http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm">http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm</a>
Off-Road Large Spark-Ignition (LSI) Gasoline and LPG Equipment Rule. Includes a wide array of agricultural equipment powered by gasoline and liquefied petroleum gas (LPG), and other alternate fuels.	<a href="http://www.arb.ca.gov/msprog/offroad/orspark/orspark.htm">http://www.arb.ca.gov/msprog/offroad/orspark/orspark.htm</a>
Air District Regulation 2 Rule 10 Large Confined Animal Facilities	<a href="http://www.baaqmd.gov/dst/regulations/index.htm">http://www.baaqmd.gov/dst/regulations/index.htm</a>
Air District Regulation 9 Rule 8 Nitrogen Oxides and Carbon Monoxide from Stationary Internal Combustion Engines (exempts engines used exclusively in agricultural applications)	<a href="http://www.baaqmd.gov/dst/regulations/index.htm">http://www.baaqmd.gov/dst/regulations/index.htm</a>

**My engine is subject to a Fleet Rule, am I eligible for a grant?**

Grants cannot be used for projects that are required by law or by a contract or agreement; however, they can be applied to projects that comply at least three years in advance of state regulations. For example, if a fleet rule requires that an engine’s emissions be reduced by 2013, grants can be awarded to reduce those emissions as long as the funded equipment is operational by 2010. Some agricultural engine projects will qualify less than 3 years in advance of the requirement on a case-by-case basis. Here are specific examples of allowable projects for engines subject to a fleet rule:

- Operators subject to the Stationary Diesel Engine Air Toxic Control Measure are eligible to apply for Carl Moyer Program grants.
- Operators with fleets subject to the Off-Road Diesel Vehicle Rule:
  - Fleets with over 5,000 hp of affected vehicles are not eligible for Carl Moyer Program grants.
  - Fleets with between 2,501 and 5000 hp are eligible to apply, provided the funded equipment is operational by 2010.
  - Fleets with less than 2,500 hp are eligible to apply, provided the funded equipment is operational by 2012.
- Engines used exclusively in agricultural applications are excluded from the rule and eligible to apply for grants. Operators with fleets subject to the Off-Road Large Spark-Ignition Equipment Rule:
  - Are eligible to apply for grants provided that the project is complete and returns to service by December 31, 2008. These operators may need to demonstrate that the rest of the fleet is already in compliance before payment can be made for the Carl Moyer Program funded engines.

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- Operators subject to the Air District Regulation 9 Rule 8 are eligible to apply for grants.
- Operators subject to the Air District Regulation 2 Rule 10 are eligible to apply for projects that will exceed the emission reductions that are required under their operations permit.

**What other information should I know about the grants for mobile and stationary agricultural engines?**

- New equipment purchase projects for stationary engines must be for electric motors.
- Existing diesel engines can be replaced with diesel or spark-ignition engines or electric motors. Existing spark-ignition engines can only be replaced with spark-ignition engines.
- The application requires that you submit information about your existing engine (model year, serial number, engine tier, and horsepower) and information about the replacement engine or equipment (quotes from your engine dealer for prices, engine tier, and engine horsepower).
- The application requires documentation that you carry general liability and workers compensation insurance and machinery insurance equal to the full replacement value of the engine.
- Mobile engine projects are subject to the project criteria described in Chapter Five “Off-Road Compression Ignition Engines”, in the 2005 Carl Moyer Program Guidelines (the “Guidelines”). Also, see the Off-Road Diesel Engine Project Fact Sheet and the Off-Road Gasoline, CNG, and LPG Engine Project Fact Sheet.
- Note that this is not a complete list of the program requirements. For more information about what is required, read Chapter Ten “Agricultural Sources”, in the Guidelines. See below for the webpage of the Guidelines.

**What can I do now, before I start my application?**

- Read the Air District Carl Moyer Program Overview Fact Sheet for rules that apply to all project types available from the Air District and online at <http://www.baaqmd.gov/moyer>.
- Understand any applicable state and local rules that may cover your engines.
- Review the California Air Resources Board (ARB) 2005 Carl Moyer Program Guidelines Chapter Ten “Agricultural Sources”. The Guidelines are on the ARB webpage <http://www.arb.ca.gov/msprog/moyer/moyer.htm>
- Start collecting information needed for your application.
- Contact your engine or equipment dealer to discuss possibilities for your equipment.
- Contact the Air District with any additional questions.

**When are applications available?**

Applications will be available from the Air District website <http://www.baaqmd.gov/moyer> on February 1, 2008. The Air District will accept completed applications through April 4, 2008. For more information, contact Richard Vesperman at 415-749-4925 or [rvesperman@baaqmd.gov](mailto:rvesperman@baaqmd.gov).