

CARL MOYER AIR STANDARDS ATTAINMENT PROGRAM
OFF-ROAD LARGE SPARK IGNITION EQUIPMENT
PROJECT APPLICATION

OFF-ROAD LARGE SPARK IGNITION EQUIPMENT APPLICATION

Please print clearly or type all information on this application and on all attachments. Fill out one application for each engine or piece of equipment. All information necessary for completing this application is available in 2008 Carl Moyer Program Guidelines. This document can be viewed at:

<http://www.arb.ca.gov/msprog/moyer/guidelines/current.htm>

Please note that additional information may be requested from the applicant in order to process this application.

Eligibility Criteria

To be eligible for funding, projects must meet the criteria described in the 2008 Carl Moyer Program Guidelines and all current Carl Moyer Program Advisories. These criteria include but are not limited to the following:

- Emission reductions obtained through Carl Moyer Program projects must not be required by any federal, state or local regulation, memorandum of agreement/understanding with a regulatory agency, settlement agreement, mitigation requirement, or other legal mandate.
- Projects must meet a cost-effectiveness of \$16,000 per weighed ton of NOx, ROG, and PM10 reduced calculated in accordance with the cost-effectiveness methodology in Appendix C of the 2008 Guidelines. All state funds plus any other funds under a district's budget authority or fiduciary control contributed toward a project must be included in the cost-effectiveness calculation.
- Projects must have a minimum project life of three years, except for engines subject to the Stationary Diesel In-Use Agricultural Engine Airborne Toxic Control Measure, which must have a minimum project life of one year.
- Maximum project life:
 - New electric purchase 10 years
 - Retrofit 5 years
- No emission reductions generated by the Carl Moyer Program shall be used as marketable emission reduction credits, or to offset any emission reduction obligation of any person or entity.
- No project funded by the Carl Moyer Program shall be used for credit under any federal or state emission averaging banking and trading program.
- Funded projects must have at least 75 percent of their total activity for the project life in California.
- Emission reduction technologies must be certified/verified by the ARB for sale in California and must comply with durability and warranty requirements. For

the purposes of the Carl Moyer Program, a technology granted a conditional certification/verification by ARB is considered certified/verified.

ARB has adopted in-use LSI Engine Fleet Requirements (LSI Fleet Rule). There are limited funding opportunities for equipment subject to this rule. The first step in evaluating Moyer eligibility is determining whether equipment is subject to the rule:

Summary of Off-Road LSI Equipment Funding Opportunities

Equipment Type	Subject to ARB Fleet Rule?	Moyer Funding Opportunities*
Forklifts, sweeper/scrubbers, industrial tow tractors, airport ground support equipment (GSE)	LSI Fleet Rule	Small fleets: Not limited by regulation. Large/Medium fleets: Funding opportunities are limited.
Agricultural crop preparation services (forklifts only)	LSI Fleet Rule	Pre-1990 MY forklifts: Not limited by regulation. 1990 and later MY forklifts: Funding opportunities are limited.
All other equipment (e.g. aerial lifts, construction, mining, other industrial)	No	Not limited by regulation.

**Limited funding opportunities means a fleet's compliance status with the ARB regulation must be determined. Contact district Moyer Program staff or consult fleet rule Moyer implementation charts at <http://www.arb.ca.gov/msprog/moyer/guidelines/supplemental-docs.htm> in addition to these guidelines.*

Project Types: Taking the above table into consideration, the following categories are eligible projects:

- **ARB-Verified Retrofits.**
- **New Electric Purchase.**
- **Other Project Types.** New purchases of LSI equipment certified to optional low-emission standards and repowers with cleaner engines have not been typical LSI projects, but may be funded on a case-by-case basis only with prior ARB approval.
- **Equipment Replacement.** Purchases of new or used LSI equipment replacing an uncontrolled, fully functional LSI piece of equipment may be eligible. For these projects, see equipment replacement application.

Additional criteria may be found in the 2008 Carl Moyer Program Guidelines, Chapter 2 and Chapter 6, Section IV.

A. APPLICANT INFORMATION

1. Company name/ Organization name/ Individual name:	
2. Business type:	
3. Contact name and title:	
4. Business mailing address and contact information:	
Street:	
City:	
Phone: ()	b. City/State/Zip:
E-mail:	d. Fax: ()
5. Person with contract signing authority (<i>if different from above</i>):	
6. How many vehicles/engines/retrofits are being applied for?	
7. Total funding amount requested in this application:	

B. FUNDING DISCLOSURE

1. Have any engines or vehicles listed in this application applied for or have been awarded Carl Moyer Program funding or other grants? <input type="checkbox"/> Yes <input type="checkbox"/> No
2. If "yes", complete the following for each engine or vehicle:
a. Agency applied to:
b. Date/Number of Agency Solicitation:
c. Funding Amount Requested:
d. Equipment Identification:
d. Baseline Engine Serial Number:
e. Status of Application:

I hereby certify that all information provided in this application and any attachments are true and correct.

Printed Name of Responsible Party:	Title:
Signature of Responsible Party:	Date:

Third Party Certification

I have completed the application, in whole or in part, on behalf of the applicant.

Printed Name of Third Party:	Title:
Signature of Third Party:	Date:
Amount Being Paid for Application Completion in Whole or Part:	Source of funding to Third party:

For each equipment, please complete sections C, D, E, F, G, or H (as appropriate). Please include project cost documentation including vendor quotes and other substantiating data to support cost estimates provided in this application.

C. PROJECT ACTIVITY INFORMATION

1. Project name:		
2. Project Address (<i>if different than business address</i>): Street:		
City:	State:	Zip code:
3. Annual hours of operation:		
4 Percent Operation in California:		
5. List counties in California in which the vehicle operates and percent of operation in each:		
6. Port or rail yard in which the equipment operates (<i>if any</i>):		
7. Project Life: <input type="checkbox"/> Maximum <input type="checkbox"/> Other:_____ years		

D. EXISTING EQUIPMENT INFORMATION

Must be filled out for each piece of equipment requesting funding

1. Equipment Type/Function:		
2. Equipment Make:		
3. Equipment Model:		
4. Equipment Model Year:		
5. Equipment Serial Number:		
6. Equipment Location: Street:		
City:	State:	Zip:
7. Equipment identification number:		
8. Engine Family: (<i>for controlled engines</i>)		

9. Engine Make:
10. Engine Model:
11. Engine Model Year:
12. Engine Horsepower:
13. Engine Serial Number:
14. Engine Fuel Type:
15. Does the applicant rent/lease forklift to others (<i>if applicable</i>)?
16. Forklift Class (<i>if applicable</i>):

E. NEW PURCHASE PROJECTS (ELECTRIC EQUIPMENT ONLY)

1. New electric Equipment Family (<i>if applicable</i>) :
2. New electric Equipment make:
3. New electric Equipment model:
4. New electric Equipment serial number:
5. New electric Equipment cost:
6. New electric Equipment installation cost:
7. New electric Equipment vendor (<i>optional</i>):
8. New electric Equipment kilowatts:

F. RETROFIT PROJECTS

1. ARB-verified Retrofit Device Manufacturer:
2. Retrofit Device Make:
3. Retrofit Device Model:
4. Retrofit Device Family:
5. Retrofit Device ARB Executive Order Number:

6. Retrofit Device Serial Number (<i>if available</i>):
7. ARB-Verified HC+NOx absolute value emissions or % reduction:
8. Retrofit Device Cost:
9. Cost of Retrofit Installation Cost (optional):
10. Cost of an Hour Meter (if needed):

G. REPOWER (ENGINE REPLACEMENT) PROJECTS

1. <u>Baseline Main Engine</u>		
a. Engine Family:	b. Engine Make:	c. Engine Model:
d. Engine Model Year:	e. Engine Serial Number:	
f. Fuel Type:	g. Engine Horsepower	
2. Baseline Main Engine Rebuild Cost		
a. Parts Cost:	b. Labor Cost:	
3. <u>Reduced-Emission Main Engine</u>		
a. Engine Family:	b. Engine Make:	c. Engine Model:
d. Engine Model Year:	e. Engine Serial Number:	
f. Fuel Type:	g. Engine Horsepower:	
4a. Reduced Emission Main Engine Cost:	b. Reduced Main Engine Installation Cost:	
5. ARB Executive Order Number (if Engine Certified to Alt NOx Standard):		

H. FUNDING AMOUNT REQUEST

1. Total Amount Requested for this Piece of Equipment: <input type="checkbox"/> Maximum allowable <input type="checkbox"/> Other: \$_____
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