

APPENDIX – A

The Carl Moyer Memorial Air Quality Standards Attainment Program

Siskiyou County Air Pollution Control District

OFF-ROAD COMPRESSION-IGNITION 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 2011 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 2011 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 \$17,080 per weighed ton of NO_x, ROG, and PM₁₀ reduced calculated in accordance with the cost effectiveness methodology in Appendix C of the 2011 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.
- Project life of three years to ensure that the program does not fund actions taken to comply with regulatory deadlines. This minimum three year project life helps ensure the overall cost-effectiveness of the program. In some cases, the Board has approved exceptions to the three year project life, which include small fleets with on-road vehicles (two year project life) and stationary agricultural equipment (one year project life). In addition, a maximum project life is established for each project type to ensure that the emission reductions are real for the life of the project.

The minimum qualifications for off-road compression-ignition projects are listed below. All projects must also conform to the requirements in Chapter 2: General Criteria and in Chapter 3: Program Administration. Participating air districts retain the authority to impose additional requirements in order to address local concerns.

- Maximum project life:
 - Repower Only (no retrofit) 7 years
 - Repower + retrofit 5 years
 - Retrofit 5 years
 - Farm equipment* (all projects) 10years*

*Air districts are required to offer a 10 year project life for farm equipment; however, applicants may request a project life less than 10 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.
- Projects must have at least 75 percent of their total activity for the project life in California.
- Emission reduction technologies must be certified or verified by ARB. If an ARB certification or verification process does not exist or if engines or retrofits are preempted from ARB certification/verification, then an engine or retrofit must be certified/verified to Federal standards.

The Air Resources Board (ARB) has adopted in-use fleet rules affecting off-road CI equipment: the In-Use Off-Road Diesel Vehicle Regulation (Off-Road Regulation) and the Cargo Handling Equipment at Ports and Intermodal Rail Yards Regulation (CHE Regulation). Portable engines are regulated under the Portable Airborne Toxic Control Measure (ATCM). There are limited funding opportunities for equipment subject to these rules.

Summary of Off-Road CI Engine Funding Opportunities

Equipment Type	Subject to ARB Fleet Rule?	Moyer Funding Opportunities ¹
Mobile agricultural equipment	No	Funding opportunities exist for engine repowers and retrofits
Cargo handling equipment at ports/ intermodal rail yards	Cargo Handling Equipment Regulation ²	Very limited opportunities.
All other equipment (e.g. construction, mining, rental, airport ground support and other industries)	Off-Road Regulation ³	Small fleets: Opportunities exist through Dec. 31, 2025, after which fleet must show 100% compliance with the regulation Medium fleets: Opportunities exist through Dec. 31, 2019, after which fleet must show 100% compliance with the regulation Large fleets: Opportunities exist through Dec. 31, 2016, after which fleet must show 100% compliance with the regulation. After Dec. 31, 2012, only filter-based projects eligible for funding
Portable diesel Engines	Portable Engine ATCM ⁴	Limited opportunities exist ahead of the fleet average requirements

¹ Limited opportunities means a fleet's compliance status with the ARB regulation must be determined. Contact air district Moyer Program staff or consult fleet rule Carl Moyer Implementation Charts at:

<http://www.arb.ca.gov/msprog/moyer/guidelines/supplemental-docs.htm> in addition to these guidelines.

² Regulation for Mobile Cargo Handling Equipment at Ports and Intermodal Rail Yards:

<http://www.arb.ca.gov/ports/cargo/cargo.htm>

³ Regulation for In-Use Off-Road Diesel Vehicles <http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm>

⁴ Regulation for Portable engine ATCM: <http://www.arb.ca.gov/diesel/peatcm/peatcm.htm>

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

1. Repower of Existing Equipment
2. Retrofit Purchase
3. New Equipment Purchase: Requires case-by-case approval by ARB.
4. Equipment Replacement: Purchases of new or used CI equipment replacing an uncontrolled, fully functional CI piece of equipment may be eligible. For these projects, refer to Chapter 9 or the Off-Road Voucher Incentive Program.

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:
E-mail:
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

Have any engines, vehicles, or motors listed in this application been awarded funding from another public/government agency or are any being considered for funding? <input type="checkbox"/> Yes <input type="checkbox"/> No
If "yes", complete the following four lines as well as the complete application:
Agency Applied to:
Date/Number of Agency Solicitation:
Funding Amount Requested:
Equipment Identification:
Baseline Engine Serial Number:
Status of Application:

D. EXISTING (BASELINE) 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 Identification Number (<i>unique number designated by applicant</i>)		
7. Number of Main Engines on this Equipment:		
8. Equipment Location:		
Street:		
City:	State:	Zip:
9. Engine Family: (<i>for controlled engines only</i>)		
10. Engine Tier (<i>for controlled engines only</i>)		
11. Engine Make:		
12. Engine Model:		
13. Engine Model Year:		
14. Engine Horsepower:		
15. Engine Serial Number:		
16. Engine Fuel Type:		

E. REPOWER PROJECTS (NEW ENGINE)

1. Number of Main Engines to be Repowered:	
2. New Engine Family:	
3. New Engine Make:	
4. New Engine Model:	
5. New Engine Model Year:	
6. New Engine Serial Number: <i>(if available)</i>	
7. New Engine Horsepower:	
8. New Engine Tier:	
9a. Engine Cost:	9b. Engine Installation Cost <i>(optional)</i> :

F. RETROFIT PROJECTS

1. ARB-verified Retrofit Device Manufacturer:	
2. Retrofit Device Make:	
3. Retrofit Device Model:	
4. Retrofit Device ARB Executive Order Number:	
5. Retrofit Device Serial Number <i>(if available)</i> :	
6. ARB – Verified PM Reduction (%):	
7. ARB – Verified NOx Reduction (%):	
8a. Cost of Retrofit:	b. Cost of Retrofit Installation <i>(optional)</i> :
9. Cost of Retrofit Maintenance for Project Life <i>(optional)</i> :	
10. Has retrofit been verified for the engine? <input type="checkbox"/> Yes <input type="checkbox"/> No	

H. FUNDING AMOUNT REQUEST

1. Total Amount Requested for this Piece of Equipment:

Maximum allowable Other: \$ _____

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:
Third Party Certification Fee:	Source of Funding to Third Party:

AN ITEMIZED COST ESTIMATE IS REQUIRED WITH APPLICATION

MAP
Location of Existing Equipment/Engine/Motor



Contact: Kimberly Sumner
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Siskiyou County Air Pollution Control District
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Yreka, Ca. 96097
Phone: (530) 841-4030
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