

# **Carl Moyer Memorial Air Quality Standards Attainment Program On-Road Heavy-Duty Diesel Emission Reduction Project: New Vehicle Purchase Application**

## **Introduction**

The Bay Area Air Quality Management District (“District”) is accepting applications for the Carl Moyer Memorial Air Quality Standards Attainment Program (the “Carl Moyer Program”). The purpose of this program is to provide funding to replace, repower and retrofit heavy-duty diesel engines with lower-polluting engines and retrofit control devices. The District is accepting applications for projects throughout its jurisdiction, but will prioritize projects that reduce emissions in 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.

This application is for new vehicle purchase projects only. For new vehicle purchases, the Carl Moyer grants cover the difference between the cost of a new vehicle that is cleaner than the law requires and a new vehicle that meets current standards:

***Example:*** For a new vehicle model year 2008 purchase, if the cost of a vehicle that is cleaner than required emission standards is \$120,000, and the cost of purchasing a vehicle that meets current emission standards is \$100,000, the maximum allowable Carl Moyer grant would be \$20,000.

This program will, in general, follow the guidelines of the California Air Resources Board’s (ARB) **Carl Moyer Memorial Air Quality Standards Attainment Program**. For more information on this ARB program see: <http://www.arb.ca.gov/msprog/moyer/moyer.htm>.

For additional information about the District’s policies and application process, see <http://www.baaqmd.gov/moyer>.

## **What You Need To Do**

If you would like to be considered for participation in this program, please fill out the application and mail two copies of the application form along with two copies of the required attachments to:

<p style="text-align: center;"><b>Bay Area Air Quality Management District</b> <b>Attn: Alison Kirk</b> <b>939 Ellis St.</b> <b>San Francisco, CA 94109</b></p>
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The submittal of this information does not guarantee approval for funding, but will be used to determine the potential emission reductions and District funding contribution associated with the proposed project. Any equipment purchased prior to the execution of an official grant agreement will not be eligible for funding. If you have any questions regarding this program or the application process, please contact Alison Kirk by phone at **(415) 749-5169** or by e-mail at: [akirk@baaqmd.gov](mailto:akirk@baaqmd.gov).

**Part 1 Application Checklist**

- Did you sign the application?
- If completed by a Third Party, did the Third Party sign the application?
- Did you make 2 copies of each application? Each project should have:
  - 2 copies of Part 1, and
  - 2 copies of Part 2 and
  - 2 copies of all attachments for each vehicle submitted as part of the project.
- Did you attach proof of applicable insurance (Workers Compensation, Automobile Liability, and Automobile Physical Damage Insurance)?

**Checklist of Attachments**

**Part 2 For new vehicle projects please attach:**

- Two years of mileage documentation (for example, maintenance logs for a vehicle that is currently in similar service)
- Two years of fuel documentation in gallons (for example, a fuel log in a monthly format for a vehicle that is currently in similar service)
- Engine CA Air Resources Board (ARB) Executive Order for new vehicle engine that is cleaner than current emission standards (i.e. is cleaner than required by law)
- Quote for new vehicle that meets emission standards but is not cleaner than required
- Quote for new vehicle that is cleaner than current emission standards

**Survey Questions**

Was this application easy to follow?  Yes  No

If not, do you have any recommendations for making it easier to understand?

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**Part 1: Applicant Information**

**1. Legal Name of Applicant Vehicle**

**Owner:** \_\_\_\_\_  
 The "Applicant"

**2. Mailing Address:**

Street Address/P.O. Box \_\_\_\_\_  
 City \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**Contact information**

	<b>Name</b>	<b>Email Address</b>	<b>Phone Number</b>	<b>Fax Number</b>
<b>3. Primary Project Contact</b>				
<b>4. Person Authorized to Sign Application and Execute Project Agreement</b>				
<b>5. Person Completed Application</b>				

If a **Third Party** (e.g., engine dealer, distributor or consultant, etc.) assisted the Applicant to complete this application, such Third Party must complete this Section:

**6.** What is your position? \_\_\_\_\_

**7.** How much are you being paid to complete this application for the owner or to assist in the proposed project? \$ \_\_\_\_\_

**8.** What is the source of funds being used to pay you? \_\_\_\_\_

**Signed:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Name (Please Print):** \_\_\_\_\_

<b>9.</b> How did the applicant hear about the Carl Moyer Program?
<b>10.</b> Did the applicant or anyone associated with this application (primary contact, employee of owner, third party) attend a Carl Moyer Program Application Workshop, a meeting or other event where information was presented about BAAQMD grant programs? <input type="checkbox"/> YES <input type="checkbox"/> NO
<b>11.</b> If yes, please provide the event name and approximate date of the event:
<b>12.</b> Number of vehicles we have applied for in this application _____

**13. Applicant must read and initial each item below to indicate understanding and agreement:**

I understand that this application is for evaluation purposes only and does not guarantee project funding.

**Initial:** \_\_\_\_\_

I understand and agree that the District may conduct an inspection of the equipment, vehicle(s) and/or vessel(s) that are the subject of this application prior to an award in order to verify eligibility and compliance with the Carl Moyer Program.

**Initial:** \_\_\_\_\_

I certify that the proposed project is not required by any local, State or federal rule or regulation; judicial order, or agreement, memorandum of understanding, contract, or other binding obligation that requires the project application to implement any portion of the project that would be funded by the District under the Carl Moyer Program.

**Initial:** \_\_\_\_\_

I certify that this application is for equipment/vehicle(s)/engine(s) that have not already been funded, nor are currently under consideration for funding by another air district, the California Air Resources Board (ARB) or by another public agency.

**Initial:** \_\_\_\_\_

I certify that to the best of my knowledge, the information contained in this application and in any documentation accompanying this application or submitted in furtherance of this application is true and accurate.

**Initial:** \_\_\_\_\_

I have attached documentation showing that my organization carries the appropriate insurance (i.e. Workers Compensation, Automobile Liability, and Automobile Physical Damage Insurance.)

**Initial:** \_\_\_\_\_

I certify that I have the legal authority to apply for funding on behalf of the applicant entity and that I am authorized to sign this application on behalf of applicant.

**Signed:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
(Authorized Representative of Applicant Vehicle Owner)

**Name (Please Print):** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Part 2: Proposal to purchase a new on-road vehicle**

**Please complete Part 2 as needed for each vehicle submitted for consideration as part of this new purchase project. The vehicle(s) proposed for purchase must be new vehicle model(s) with engine(s) that are cleaner than required by current emission standards.**

New Vehicle Information

1. What will be this vehicle's unit number?
2. What is the name of the facility where this vehicle will be housed?
3. Street Address:
4. City:
5. County:
6. State:
7. Zip Code:
8. Vehicle Type (Solid Waste Collection Vehicle, Street Sweeper, School Bus, Urban Bus, Other Transit Vehicle, Other Heavy-Heavy Duty Vehicle or Other Medium Heavy-Duty Vehicle):
9. If vehicle type is Other Transit Vehicle, Other Heavy-Heavy Duty Vehicle or Other Medium Heavy-Duty Vehicle, please describe the work performed by the vehicle (example: dump truck, concrete truck, water truck, shuttle service, etc):
10. Vehicle Make:
11. Vehicle Model:
12. Vehicle Model Year:
13. Gross Vehicle Weight Rating (GVWR):
14. Department of Transportation Number (if interstate):
15. California Highway Patrol CA Number:

Fleet Regulation Information

16. Is the fleet this vehicle will join <u>currently</u> subject to a state Fleet Regulation? <input type="checkbox"/> YES <input type="checkbox"/> NO  If yes, please answer questions 17 – 22; if no, skip to question 23
17. Name of Fleet Regulation:
18. Will this purchase <u>expand</u> the existing fleet or will it replace an existing vehicle?
19. If replacing an existing vehicle, what is the engine model year of the existing vehicle?
20. When will this existing vehicle be required to be in compliance with the regulation? December 31, 20__.
21. If funded by the BAAQMD, when will this new vehicle enter service?
22. How many vehicles are in this fleet?

Activity Information

23. How many annual miles will this vehicle travel, and how many gallons of fuel will this new vehicle likely consume?		
	<b>2006</b>	<b>2007</b>
<b>Miles</b>		
<b>Gallons of fuel</b>		
*Two years of documentation is required, such as two years of maintenance records to document mileage and two years of monthly logs to document fuel usage from a vehicle currently in similar service.		
24. Project life (How many years will this vehicle operate, once the project is completed and the vehicle enters service?):		
25. Anticipated Percent Operation in California:		
26. Anticipated Percent Operation in District:		
Note: The BAAQMD jurisdiction includes all of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo and Santa Clara Counties, and the southern portions of Sonoma and Solano Counties. See <a href="http://www.baaqmd.gov/dst/jurisdiction.htm">http://www.baaqmd.gov/dst/jurisdiction.htm</a> for a jurisdiction map.		

Impacted Communities

Projects that operate in Bay Area Impacted Communities will be ranked above other projects and considered for funding first. To be considered for this ranking, please answer the following questions.

27. Will this vehicle transports cargo to and from a maritime port or rail yard at least 400 times a year?  
 YES       NO

28. Will this vehicle operate in a Bay Area pollution Impacted Community? (See the PM Exposure Map <http://www.baaqmd.gov/moyer>):  
 YES       NO

If yes to Question 28, please answer the following question.  
 If no, skip to “New Engine Information for new vehicle purchase that is cleaner than required by current emission standards – Main Engine”

Electronic PM Exposure Map viewed on the District’s webpage: There are three colored areas without hatch-marks and three colored areas with hatch-marks areas. Please indicate the percentage of the time this vehicle operates in each zone and identify the zone number found on the map. (Use the “zoom in” tool on the electronic version of the map to enlarge the map to best identify boundaries and zone numbers.)

Paper copy of PM Exposure Map: If you do not have access to the internet, the PM Exposure Map is available by request from the Grants Programs Document Request Line, (415) 749-4994.

There are three colored areas without hatch-marks and three colored areas with hatch-marks areas. If using a paper copy of the map, circle the areas that the vehicle operates in and

summarize the percent of time spent in each Zone Type below.

29. In which impacted communities will this vehicle operate? (Note: BAAQMD staff may request that the grant applicant provide documentation to verify the information provided below.)

Zone Type	Percent Operation	Zone Number
Red Zone*		
Red Hatch-marked Zone		
Gold Zone*		
Gold Hatch-marked Zone		
Green Zone*		
Green Hatch-marked Zone		

\* Not Hatch-marked

Note: If the vehicle is projected to operate in Impacted Communities and this proposal is funded, the contract between the grantee and the BAAQMD will require the grantee to operate this vehicle in Impacted Communities in the Bay Area.

New Engine Information for new vehicle purchase that is cleaner than required by current emission standards – Main Engine

30. Is the ARB Executive Order for an engine that is cleaner than required by current standards attached? <input type="checkbox"/> YES <input type="checkbox"/> NO  The Executive Order should be available from your engine dealer or on the ARB webpage at <a href="http://www.arb.ca.gov/msprog/onroad/cert/cert.php">http://www.arb.ca.gov/msprog/onroad/cert/cert.php</a> .
31. Engine Make:
32. Engine Model:
33. Engine Model Year:
34. Fuel Type:
35. Engine Family Name:  Note: The Engine Family Name (EFN) is a string of approximately 12 letters and numbers found on most engine block tags and on the engine's Executive Order issued by ARB. Your engine dealer can provide an Executive Order, or see <a href="http://www.arb.ca.gov/msprog/onroad/cert/cert.php">http://www.arb.ca.gov/msprog/onroad/cert/cert.php</a> . For a key to the EFN code, see <a href="http://www.epa.gov/otaq/retrofit/my_identifier.htm">http://www.epa.gov/otaq/retrofit/my_identifier.htm</a> and <a href="http://www.epa.gov/otaq/retrofit/mfrcodes_bycateg.htm">http://www.epa.gov/otaq/retrofit/mfrcodes_bycateg.htm</a> .
36. Horsepower:
37. Is this engine a Family Emissions Limit (FEL) engine? <input type="checkbox"/> YES <input type="checkbox"/> NO
Note: FEL engines are <b>not</b> eligible for new vehicle purchase projects.

New Engine Information for new vehicle purchase that is cleaner than required by current emission standards – Auxiliary Engine

38. Does this vehicle have an auxiliary engine? <input type="checkbox"/> YES <input type="checkbox"/> NO
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If yes, please provide the following information.	
39. Engine Make:	
40. Engine Model:	
41. Engine Model Year:	
42. Engine Horsepower:	
43. Engine Tier:	
44. Engine Family Name:	
45. Is the ARB Executive Order for this engine attached? <input type="checkbox"/> YES <input type="checkbox"/> NO	
The Executive Order should be available from your engine dealer or on the ARB webpage at <a href="http://www.arb.ca.gov/msprog/offroad/cert/cert.php">http://www.arb.ca.gov/msprog/offroad/cert/cert.php</a> .	

What vehicle/engine would you purchase without funding from BAAQMD? This is the new vehicle with an engine that meets current emission standards, but is not cleaner than current standards – Main Engine

46. Vehicle Model Year:
47. Main Engine Fuel Type:
48. Engine Make:
49. Engine Model:
50. Engine Model Year:
51. Engine Horsepower:

What vehicle/engine would you purchase without funding from BAAQMD? This is the new vehicle with an engine that meets current emission standards, but is not cleaner than current standards – Auxiliary Engine

52. Does this vehicle have an auxiliary engine? <input type="checkbox"/> YES <input type="checkbox"/> NO
If yes, please provide the following information.
53. Engine Make:
54. Engine Model:
55. Engine Year:
56. Engine Horsepower:
57. Engine Tier:
58. Engine Family Name:
59. Is the ARB Executive Order for this engine attached? <input type="checkbox"/> YES <input type="checkbox"/> NO
The Executive Order should be available from your engine dealer or on the ARB webpage at <a href="http://www.arb.ca.gov/msprog/offroad/cert/cert.php">http://www.arb.ca.gov/msprog/offroad/cert/cert.php</a> .

Cost Information – Provide Quotes from your Engine Dealer

60. Are all quotes from your engine dealer attached? <input type="checkbox"/> YES <input type="checkbox"/> NO
61. Cost to purchase a new vehicle that <u>meets</u> current emission standards but is not cleaner than required by current emission standards:
62. Cost to purchase a new vehicle that is cleaner than required emission standards:



63. Amount requested from BAAQMD for this vehicle purchase:
64. If funded, when will this vehicle enter service?