

CARL MOYER PROGRAM

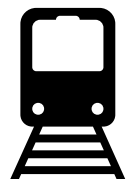


South Coast Air Quality
Management District
2025



PRESENTATION TOPICS

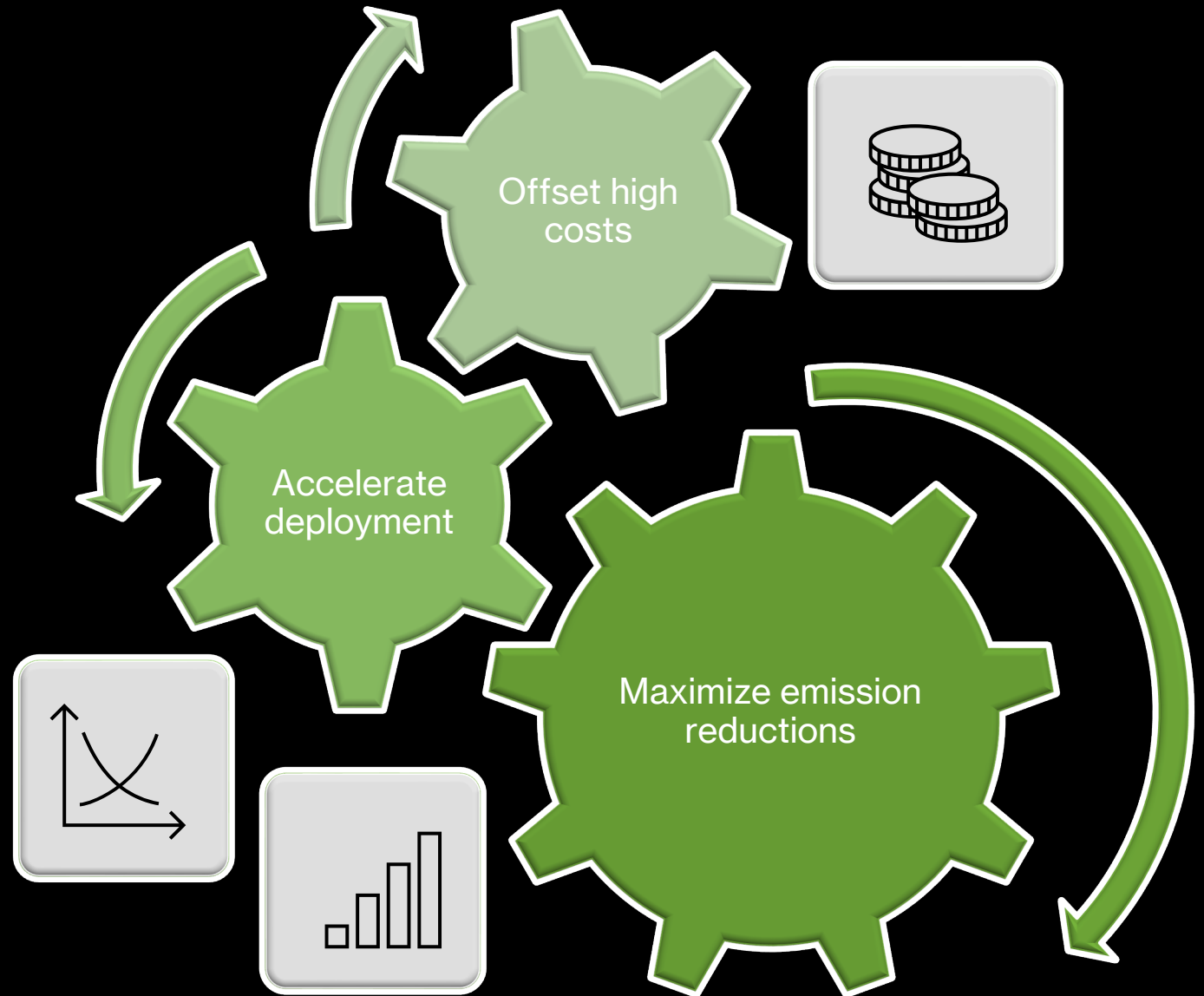
- ▶ Carl Moyer Program Overview
- ▶ Guideline Changes
- ▶ Project Categories
- ▶ Eligibility & Application Process
- ▶ GMS Tutorial (Video)



CARL MOYER PROGRAM OVERVIEW



Role of Carl Moyer Program Incentives



What is the Carl Moyer Program?

- A voluntary grant program targeting the replacement of older, heavy-duty diesel vehicles and equipment

What does the Carl Moyer Program Accomplish?

- Accelerates the commercialization of the cleanest technologies available



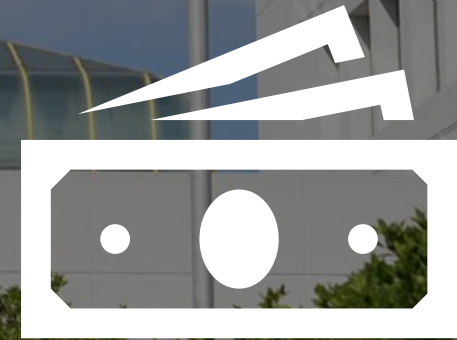
Carl Moyer Funding Sources



Smog
Abatement Fee



Tire Fee



Local Match

Available funding for 2025 – Approximately \$46 Million

Key Program Updates and Reminders for 2025

- Removed requirement for all projects to have 15% NOx reduction (excluding on-road projects)
- Minimum contract term reduced to 1-Year
- Off-Road agricultural projects will be evaluated on a default 10-year project life
- Authorization for funding projects up to date of compliance



Key Program Updates and Reminders for 2025 (cont.)

- Promotion of Zero-Emission (ZE) technology projects
 - Case-by-Case determinations no longer required from CARB
 - Lease-to-own purchases will be permitted
 - Extended timeframe for scrapping baseline equipment
 - Expansion of eligible costs to include extended warranties, taxes, and insurance



Funding – Cost Effectiveness

Project	Categories	Revised C/E limit
Base Limit	On-Road, Off-Road, Locomotives, Marine, Light Duty Vehicles	\$60,000
On-Road Advanced Technology Limit	On-Road	\$209,000
On-Road Zero Emission Technology Limit	On-Road	\$522,000
Off-Road Zero Emission Technology Limit	Off-Road	\$120,000
Locomotive Zero Emission Technology Limit	Locomotive	\$200,000
Marine Zero Emission Technology Limit	Marine	\$522,000

*Table shows cost effectiveness limits effective as of October 2024.

Cost-Effectiveness

Standard Projects:

- Limit: \$60,000 per weighted ton of emissions reduced
- Scope: Projects updating vehicles and equipment to current standards

Zero-Emission & Cleanest Standard Projects

- Limit: \$522,000 per weighted ton of emissions reduced pending CARB approval
- Scope: Projects that are zero-emission or meet the cleanest certified optional standard (by source category)

Variable Cost-Effectiveness

- Subject to change based on additional program requirements

Determination Formula

- Based on annualized project cost and reductions in NOx, ROG, and PM10 emissions

ELIGIBILITY & APPLICATION PROCESS



Application Requirements



Equipment Usage Records

*Past 24-months (such as maintenance records, usage logs, etc.)



Proof of Ownership

*Owned for prior 24-months (such as bill of sale, tax depreciation, etc.)



Vendor Quotes

*All quotes must be dated within 90 days prior to application submittal date



Compliance Printout

*Compliance Status Page (e.g., DOORS Fleet Compliance Snapshot, TRUCRS Certificate, DMV Records, CHC Report, PERP Registration)

Quote Sample

MACHINE SPECIFICATIONS

Description	Reference No
415F2IL BHL ST(C3.4)TIER 4 HRC	462-6265
HYDRAULICS, MP, 3FCN/5BNK	462-6274
PRODUCT LINK, SATELLITE, PL631E	447-0048
CANOPY	462-6275
SEAT BELT, 3" SUSPENSION	206-1748
TIRES, 12.5 80/16 9-24, GY/TI	464-9639
COUNTERWEIGHT, 530 LBS	337-9695
HITCH 3 POINT	462-6281
BUCKET-MP, 1.3 CYD	337-7436
CUTTING EDGE, TWO PIECE	9R-5321
INSTRUCTIONS ANSI	462-7172
SERIALIZED TECHNICAL MEDIA KIT	421-8926
RADIO READY HEADLINER, CANOPY	398-2875
KIT, DUAL TILT CYLINDER	470-5247
FAN, STANDARD CAB/ CANOPY	454-6610
SECURITY SYSTEM, KEYPAD	387-6570
BATTERY, HEAVY DUTY	457-2797
COUNTERWEIGHT, 198 LBS	463-6939
BOX, BLADE/SCARIFIER	461-9717
PACK, DOMESTIC TRUCK	0P-0210
SHIPPING/STORAGE PROTECTION	461-6839
RUST PREVENTATIVE APPLICATOR	462-1033
WORKLIGHTS (4) HALOGEN LAMPS	491-6733
LANE 3 ORDER	00-9003

Engine Manufacturer: Caterpillar
Engine Model: C3.4B
Engine Net HP: 68
Engine Family Name: JFPXL03.4CDC
Engine Tier Level: Tier 4 Final
Engine Displ.: 3.4 liters

Machine Sale Price \$ 99,000.00
Sales Tax, OC County (7.75%) \$ 7,672.50
Grand Total \$ 106,672.50

WARRANTY

Standard Warranty	12 Months/ Unlimited Hours Total Machine
Extended Warranty	36 Months/ 5000 Hours Extended Powertrain & Hydraulic Warranty

F.O.B./TERMS

Foothill Ranch- Quote based on Orange County Delivery

Accepted by _____ on _____

Signature

Engine Manufacturer: Caterpillar
Engine Model: C3.4B
Engine Net HP: 68
Engine Family Name: JFPXL03.4CDC
Engine Tier Level: Tier 4 Final
Engine Displ.: 3.4 liters

Machine Sale Price
Sales Tax, OC County (7.75%)
Grand Total

\$ 99,000.00
\$ 7,672.50
\$ 106,672.50

Applicants **MUST** provide vendor quotes with their application. All **quotes** must be obtained within **90 days** prior to application submittal

Elements of a Complete Vendor Quote:

- Equipment/Engine Cost
- Sales Tax
- Warranty Info
- Engine Year, HP, & Tier
- Corresponding Engine Family and CARB Executive Order
- Parts and Labor (for Repowers)

For replacement engines **greater than 135% HP**, Funding amount is **based on the cost** of the new engine/equipment with **HP no greater than 135%** of existing engine HP

Fleet Compliance Snapshot

As of Today (April 10, 2019) ▼
Refresh Fleet Data

Your fleet, as currently reported, has met the off-road regulation performance requirements through the January 1, 2023 compliance date. Per regulation section 2449.1, you will need to take action prior to December 31, 2023 in order for your fleet to be in compliance on January 1, 2024.

*This determination is based on the make up of your CURRENT fleet in DOORS, which includes age and horsepower of engines, retrofits (if any), vehicles sold (credits, if any), exempt vehicles such as Low-Use (if any), subfleets (if any), and other credits (if any).

Current Fleet Statistics	
Fleet Size:	Small
Number of Vehicles: In Fleet Average:	15
Low-Use:	0
Exempt Not Low-Use:	0
Vehicles in Fleet:	15
Horsepower (in fleet average):	1,800
Total Fleet Horsepower:	1,800
First Compliance Date:	January 1, 2019
Next Required Compliance Date:	January 1, 2024

DOORS Compliance Snapshot

Statewide Portable Equipment Registration	
	Registration No: 123456
Legal Owner or Operator:	ABC Owner
Mailing Address:	12345 ABC Rd.
Engine Description:	Certified non-road portable internal combustion engine, compression ignition, Perkins, model 1104C-44, Serial No: 10011001100000, rated at 128 bhp and diesel fueled.
U.S. EPA Engine Family Name:	3PKXL04.4RKI
Conditions:	see attached
Home District:	San Joaquin Valley Unified Air Pollution Control District
Engine Inspection Discount:	No inspection discount claimed
Expiration Date: December 31, 2010	
Jorge Fernandez Chief, Program Evaluation Branch Stationary Source Division	

PERP Registration



Compliance Documents (cont.)

On-Road - Trucks



The screenshot shows the TRUCRS website homepage. At the top is the California Air Resources Board (ARB) logo and navigation links: Home, Reducing Air Pollution, Air Quality, Business Assistance, Laws & Regulations, and Health. Below the navigation bar, a welcome message reads: "Welcome to the Truck Regulation Upload, Compliance and Reporting System (TRUCRS)". The main content area is divided into three columns: "NEW USERS" with a "Create New Account" button and links to "TRUCRS User Guides", "Three Day Pass Form and Guide", and "FAQs and Fact Sheets"; "EXISTING USERS" with fields for "Username" and "Password", a "Log In" button, and links to "Change Login Information/Close Account" and "Forgot Username/Password?"; and "RESOURCES" with links to "Verify Fleet Compliance", "Report Non-Compliant Fleets or Vehicles", and "Financial Assistance". At the bottom, contact information is provided: "For assistance, e-mail trucrs@arb.ca.gov or call 1-866-6DIESEL (1-866-634-3735)".

TRUCRS Website

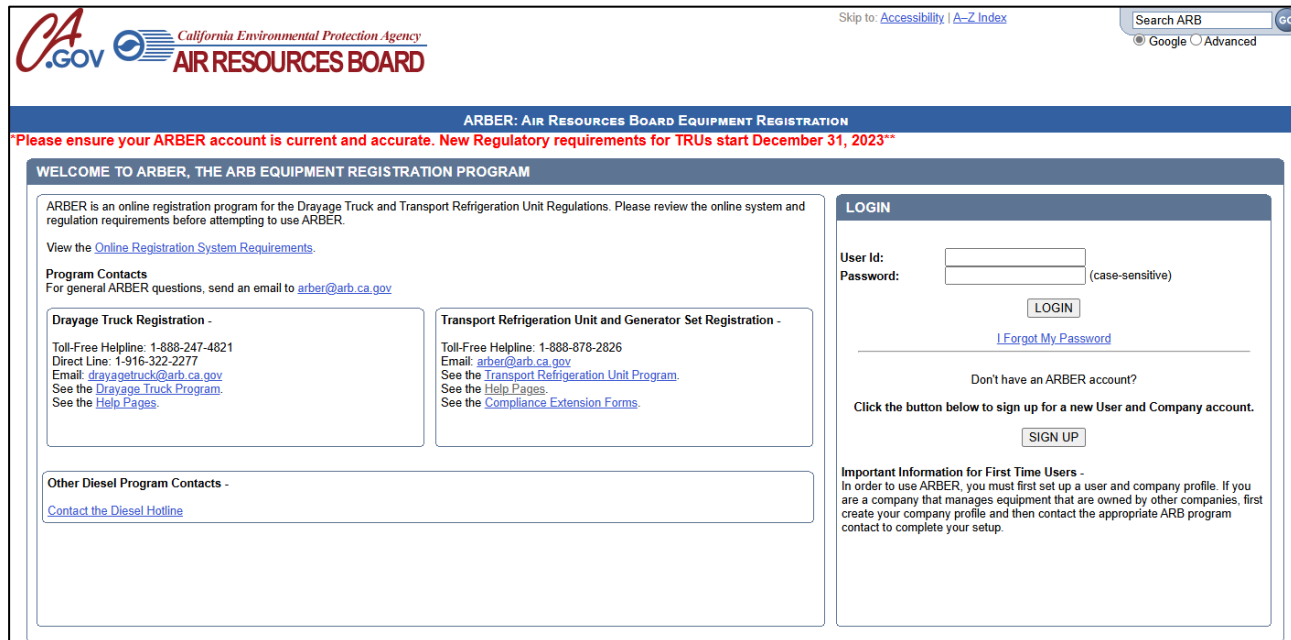


The screenshot shows a "Certificate of Reported Compliance Truck and Bus Regulation" issued by the California Air Resources Board. The certificate is framed with a decorative border. It includes the ARB logo and the text "Certificate of Reported Compliance Truck and Bus Regulation Issued to:". Below this, a redacted box is shown, followed by the text "2 Vehicles Reported". The certificate contains a paragraph stating: "This certificate confirms that the fleet owner has attested under penalty of perjury that the statements and information they provided to the California Air Resources Board (CARB) are true, accurate, and complete regarding all relevant vehicles in the fleet required to show compliance. CARB hereby finds that the fleet listed above has reported compliance with title 13, California Code of Regulations, section 2025 (Truck and Bus Regulation). If CARB subsequently finds that the statements and information that have been provided are not true, accurate, and complete, this certificate shall be effectively revoked and the fleet subject to noncompliance penalties." The certificate is valid until December 31, 2023, and was printed on 2023-05-09. It is signed by Sydney Vergis, Division Chief, Mobile Source Control Division, California Air Resources Board. A redacted box is shown next to the "TRUCRS Fleet Identification" label. At the bottom right, there is a link to verify the authenticity of the certificate: www.arb.ca.gov/msprog/onrdiesel/tblookup.php. The South Coast AQMD logo is visible in the bottom right corner.

Compliance Certificate

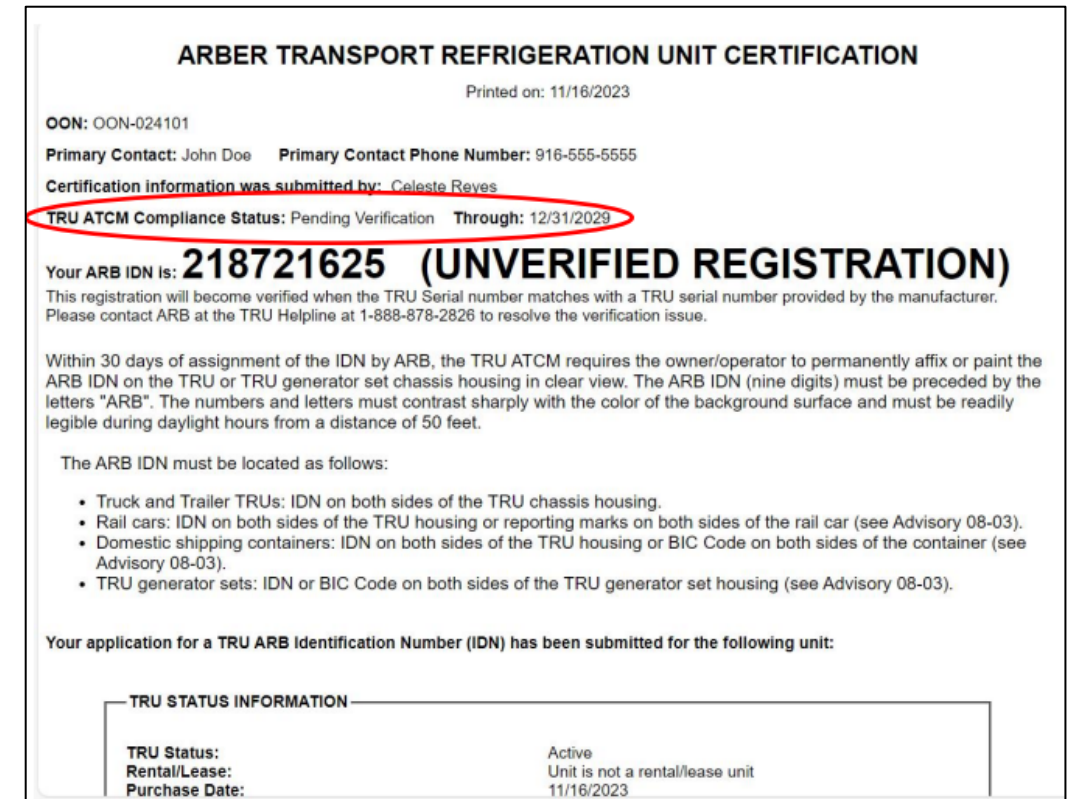
Compliance Documents (cont.)

On-Road - TRUs



The screenshot shows the ARBER (Air Resources Board Equipment Registration) website. At the top, there's a header with the California Environmental Protection Agency logo and the text "AIR RESOURCES BOARD". Below this, a blue banner reads "ARBER: AIR RESOURCES BOARD EQUIPMENT REGISTRATION". A warning message states: "Please ensure your ARBER account is current and accurate. New Regulatory requirements for TRUs start December 31, 2023". The main content area is divided into two columns. The left column contains links for "View the Online Registration System Requirements", "Program Contacts" (with email arber@arb.ca.gov), "Drayage Truck Registration" (with toll-free and direct lines, email drayagetruck@arb.ca.gov, and links to the program and help pages), and "Other Diesel Program Contacts" (with a link to the diesel hotline). The right column features a "LOGIN" section with fields for "User Id:" and "Password:" (noted as case-sensitive), a "LOGIN" button, and a link for "I Forgot My Password". Below this is a "SIGN UP" button and a section for "Important Information for First Time Users" explaining the setup process.

ARBER Website



The screenshot shows a "ARBER TRANSPORT REFRIGERATION UNIT CERTIFICATION" document. It includes the following information: "Printed on: 11/16/2023", "OON: OON-024101", "Primary Contact: John Doe", "Primary Contact Phone Number: 916-555-5555", and "Certification information was submitted by: Celeste Reyes". A red circle highlights the "TRU ATCM Compliance Status: Pending Verification" and "Through: 12/31/2029". The "Your ARB IDN is: 218721625 (UNVERIFIED REGISTRATION)" is prominently displayed. Below this, a note states: "This registration will become verified when the TRU Serial number matches with a TRU serial number provided by the manufacturer. Please contact ARB at the TRU Helpline at 1-888-878-2826 to resolve the verification issue." A section titled "Within 30 days of assignment of the IDN by ARB, the TRU ATCM requires the owner/operator to permanently affix or paint the ARB IDN on the TRU or TRU generator set chassis housing in clear view. The ARB IDN (nine digits) must be preceded by the letters 'ARB'. The numbers and letters must contrast sharply with the color of the background surface and must be readily legible during daylight hours from a distance of 50 feet." lists the locations for the ARB IDN: "Truck and Trailer TRUs: IDN on both sides of the TRU chassis housing.", "Rail cars: IDN on both sides of the TRU housing or reporting marks on both sides of the rail car (see Advisory 08-03).", "Domestic shipping containers: IDN on both sides of the TRU housing or BIC Code on both sides of the container (see Advisory 08-03).", and "TRU generator sets: IDN or BIC Code on both sides of the TRU generator set housing (see Advisory 08-03)." The document concludes with "Your application for a TRU ARB Identification Number (IDN) has been submitted for the following unit:" and a table for "TRU STATUS INFORMATION".

TRU STATUS INFORMATION	
TRU Status:	Active
Rental/Lease:	Unit is not a rental/lease unit
Purchase Date:	11/16/2023

Compliance Certificate



For details: https://ww2.arb.ca.gov/sites/default/files/2023-11/How_to_Report_a_TRU_to_CARB_11.20.2023.pdf

How are Projects Selected for Funding?

Prioritized Population

- Carl Moyer Program (SB 1107) – <50% of Program funds
- Community Air Protection (CAP) - prioritize projects in AB 617 communities

All projects will be evaluated for benefits to priority population

Remaining projects will compete based on cost-effectiveness (tons of emissions/\$ cost of project)

What's Next? Inspections!

Pre-Inspection

- **Inspection of the old / existing vehicle or equipment.**
- Verifies that the existing equipment is fully operational, matches application data and meets program requirements.
- Occurs after project selection / contracting.
- **MUST Occur to receive purchase and destruction approval.**


Post-Inspection

- **Inspection of the new/repowered vehicle or equipment.**
- Verifies that the new equipment meets program requirements.
- Occurs after Pre-Inspection has been approved and new unit has been purchased / delivered.
- **MUST be completed to receive invoice payment.**

Dismantle/Destruction Inspection

- **Inspection of the old vehicle / equipment / engine after it has been destroyed.**
- Verifies that the unit and its engine have been destroyed beyond repair per program requirements.
- Occurs after Pre-Inspection has been approved and new unit has been purchased / delivered.
- Destruction **MUST** occur within 90 days of receiving new unit.
- Notification **MUST** be given to SCAQMD in writing upon delivery of old unit to dismantler.
- **MUST be completed to receive invoice payment.**

What's Next? Annual Reporting

 South Coast Air Quality Management District
Carl Moyer Program
Annual Report Form

CONTRACTOR NAME: _____ SCAQMD CONTRACT #: _____
ADDRESS: _____ EMAIL: _____
PHONE: _____
REPORTING PERIOD (MM/DD/YYYY to MM/DD/YYYY): _____

Equipment ID#	Location of Equipment (City & Zip)	% of Time SCAQMD Boundaries	For ON ROAD Equipment - Use ODOMETER For OFF ROAD Equipment - Use HOUR METER		CALCULATED USAGE	
			BEGINNING Date	ENDING Date	ENDING -- BEGINNING Readings	READING

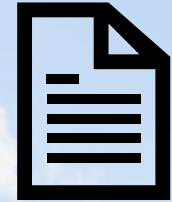
Please describe any major repairs, maintenance, unforeseen circumstances or problems that significantly affected the operation of the equipment(s):

I, the undersigned, certify that the above information is true and correct.
PRINT NAME: _____ SIGN _____
TITLE: _____ DATE _____

Please use additional sheets as needed.
Return to: South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, CA 91765

REV 4/2018

- Annual reports are **MANDATORY** for the life of the project
- Failure to report can result in the following:
 - Legal action to recover all or part of the funding provided by the Carl Moyer Program
 - “Grantees that have not submitted complete required reports will not be granted funds for new Moyer Program projects until all reports are satisfactorily submitted.” (2017 CMP Guidelines, Chapter 3, page 3-37)
 - Annual report template provided in the Contract ???



How Do I Receive the Grant Payment?

After Project Completion

- Contact the Project Officer

Reimbursement

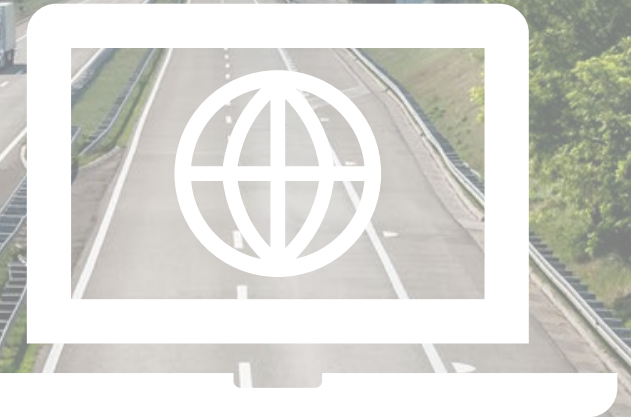
- If paid in full, South Coast AQMD will reimburse payment to Contractor (you)
- If financed, South Coast AQMD will pay the principle of the loan first; remaining amount will be reimbursed to Contractor

Documentation

- Invoice to South Coast AQMD
- Sales Invoice
- Financing documents
- Proof of payment including copies of checks, wire transfers, etc.

How Do I Apply Online?

- Only applications submitted online through the Carl Moyer Grant Management System (GMS) will be considered!
- Paper Applications will no longer be accepted
- No faxes or email will be accepted
- Deadline to submit: **July 1, 2025 at 1 PM**
- No Exceptions!



Apply at
www.gms.aqmd.gov

Sign in

Email address *

[Forgot Username?](#)

Password *

[Forgot Password?](#)

Login

Clear

[New User? Click to Register](#)

The GMS supports the latest version of the following browsers:



1. For New Accounts,
Click Here

Register

Please enter verification code sent to your email address
example@mailnesia.com

Enter verification code

[Resend verification code](#)

Continue

Clear

[Back to Previous page](#)

3. Enter Verification #

Greetings!

Your GMS Application website registration verification code is: 868837

Please use the code immediately and do not close the browser tab before

Thank you for your interest in the grant program.

2. Email Verification –
Get Verification #

DO NOT REPLY TO THIS E-MAIL. This email was automatically generated.

The entire content of this email message is confidential and intended for the individual or entity specified. In case you are not the intended recipient of this email, and you have received it in error, immediately contact the administrator and follow with its deletion. Thank you for your cooperation and understanding.

Registration

Thank you for verifying your email. Please continue with Registration.

Choose account type*

☒ Applicant

☐ Third Party

Applying for yourself or on behalf of the company
you work for

Assisting a client or

4. Enter Basic
Info

Personal Information

First Name *

Middle Name

Last Name *

Work Phone *

Extension

Mobile Phone

Work Phone is incomplete

Mobile Phone is incomplete

Company Information

Do not represent a company? Just enter your name

Company Name
ExampleCompanyName *

Do not use PO Box

Address Line1 *

Address Line2

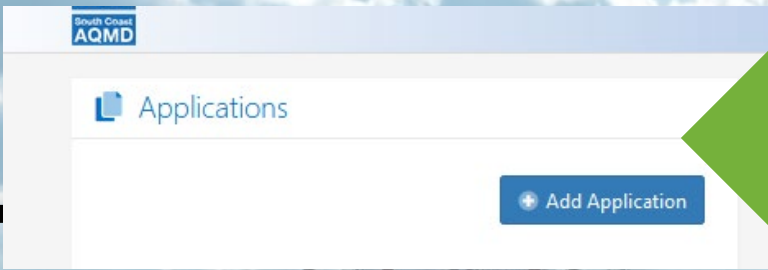
City *

State
California

Zip *

Register!





1. Create New Application

A screenshot of the 'New Application' form. The form has a blue header with the 'South Coast AQMD' logo and the word 'Applicant'. Below the header, there's a navigation bar with 'Applications' and 'New Application'. The main form area has two dropdown menus: 'Program' with 'Carl Moyer Program Application' selected, and 'Project Category' with 'On-Road Equipment' selected. There's also a link 'Need Help? Email South Coast AQMD'.

2. Select Program and Project Category

A screenshot of the 'Edit Application' form. The form has a blue header with the 'South Coast AQMD' logo and the word 'Applicant'. Below the header, there's a navigation bar with 'Applications', 'Edit Application', and 'New Application'. The main form area has a title 'On-Road Equipment [224] : ExampleCompanyName : On-Road Example' and a 'Created' button. There's a sidebar with 'App Submission' and 'Applicant Information' sections. The 'Applicant Information' section has 'Organization Information' and 'Organization Address' sub-sections. The 'Organization Information' section has a 'Legal Name of Organization' field. The 'Organization Address' section has 'Street Address' and 'City' fields.

3. Enter Project Info

Create Proposal!



☒ I do plan to claim a tax credit or deduction for costs funded by the CMP.

If so please indicate amount here: \$*

0

☒ I plan to claim a tax credit or deduction for costs funded by the CMP.

If so please indicate amount here: \$*

0

Sign and submit the application below. Once submitted, you will not be able to modify the application.

Signature

(Signature of Authorized Representative)

Submit

1. Read and
Check All Boxes

2. Sign with
Mouse

3. Click Sign &
Submit

4. Email Confirmation
of Submission

Greetings!

Application **224** was successfully submitted.

The application will be evaluated for completeness and eligibility. Please check your [application portal](#) for updates.

Thank you for your interest in the [Carl Moyer Program Application](#).

DO NOT REPLY TO THIS E-MAIL. This email was automatically generated.

The entire content of this email message is confidential and intended for the individual or entity specified. In case you are not the intended recipient of this email, and you have received it in error, immediately contact the [administrator](#) and follow with its deletion. Thank you for your cooperation and understanding.

Submit Proposal!





After Initial Review by
Project Officers, They Will
Assign Tasks For
Corrections/Comments

Tasks

Pending Tasks

1

Completed Tasks

0

Tasks Past Due

0

Check Tasks In
Your
Application
Homepage

I've Submitted, What Now? Check Your Tasks!

Provide W-9 Form

Application Id : 224

Identifier :

Project Type :

Task Description : Provide Document

Task Status : Assigned

Task Title : Provide W-9 Form

Application Title : On-Road Example

Category :

Form : Business Documents

Assigned Date : 03/31/2022

Due Date : 04/14/2022

Notes :

Please provide W-9 form with address of corporation

Applicant / Third Party Response :

A Normal text

Bold

Italic

Underline

Bulleted List

Numbered List

Link

Image

Upload Document(s)

☐ Mark As Completed

Complete and
Respond To Tasks as
Needed

Please have all your information available prior to accessing the GMS

DO NOT leave any field blank – if not applicable, please write “NA” or “0”

Create separate applications for separate project categories (Off-Road, On-Road, Marine, etc.)

Enter all proposed projects into the same application! (Please limit 6 projects per application. Supplementary applications can be submitted if you are proposing over 6 projects).

You will be required to upload documents prior to submitting your application!

Useful Tips

Additional Resources & Contact Information

Carl Moyer Program Guidelines

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

South Coast AQMD Carl Moyer Program

www.aqmd.gov/moyer

Carl Moyer Program Grant Management System

<https://gms.aqmd.gov/>

Questions? Email us at:

carlmoyer@aqmd.gov

Reminder – Deadline to submit is July 1, 2025 at 1 PM!

