CALIFORNIA
AIR RESOURCES BOARD

Advanced Clean Fleets
State and Local Government Agencies

State and Local Government Fleet Applicability

Applies to any city, county, public utility, special district, local agency or district, and any department, division, public corporation, or public agency of the State of California.

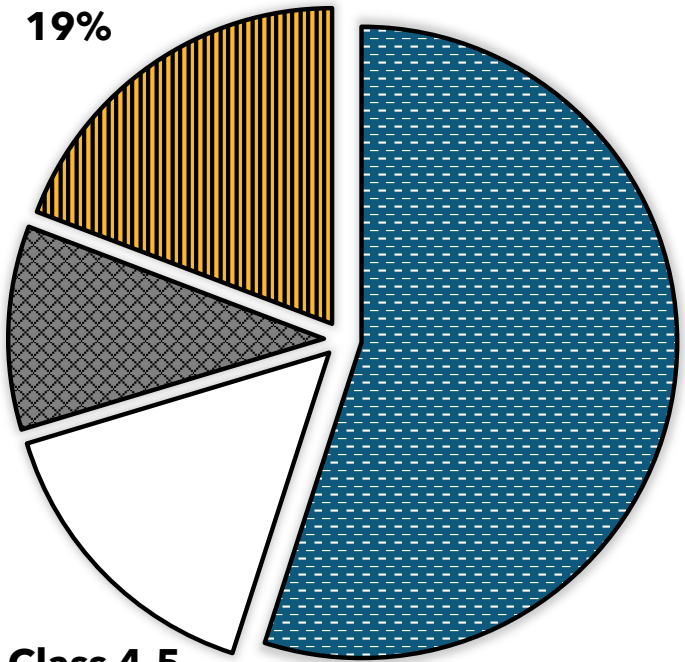
Applies to all vehicles greater than 8,500 lbs.





Weight Class Composition











Excluded Vehicles

- School buses defined in (CVC §545)
- Emergency vehicles defined in (CVC §165)
- Vehicles awaiting sale
- Military tactical vehicles
- Historical vehicles
- Dedicated snow removal vehicles
- Certain two-engine vehicles
- Heavy cranes
- Vehicles subject to Mobile Cargo Handling Equipment at Ports and Intermodal Rail Yards
- Transit vehicles subject to Innovative Clean Transit regulation
- Vehicles subject to Zero-Emission Airport Shuttle regulation*

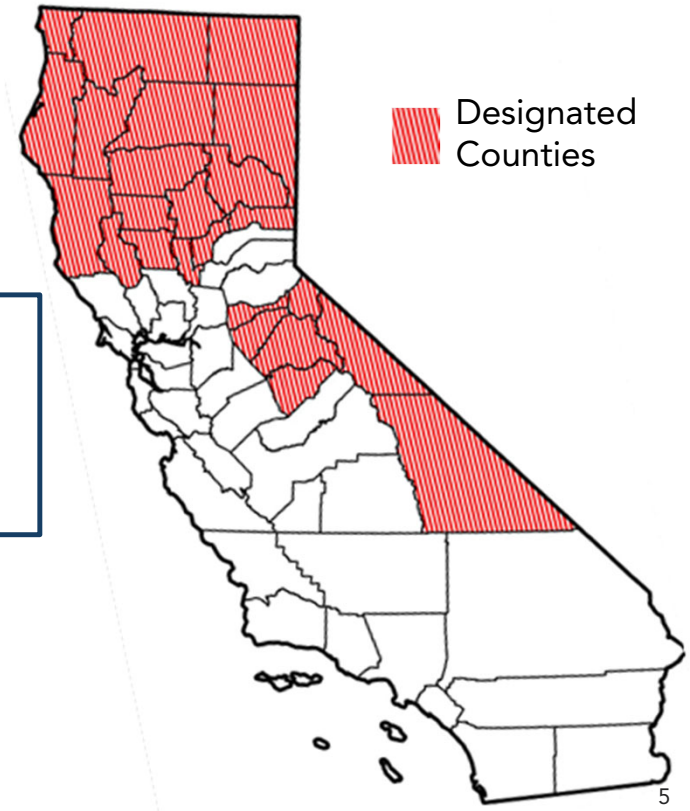
2025 Amendments

2024	2030 (previously 2027)
50 percent of purchases must be ZEV or NZEV	All purchases must be ZEV or NZEV

- Agencies in designated counties or those with 10 or fewer vehicles are exempt from the ZEV purchase provisions until 2030, still must report to TRUCRS
- 2035 and earlier MY NZEVs count as a ZEV







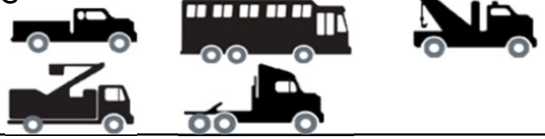
ZEV Purchase Schedule

- Existing compliant internal combustion vehicles can be operated indefinitely
  - No useful life retirement in this option
- Compliance is based on all purchases made during that calendar year
- Early or excess ZEV purchase credit counts towards future combustion-powered vehicle purchase
- Non-transit vehicles owned or operated by Transit Agencies are exempt and do not need to be reported through 1/1/2030

ZEV Milestones Option

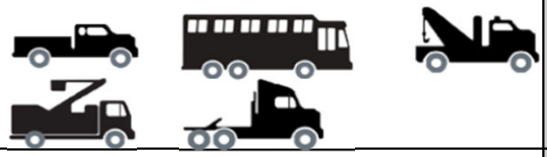
- Phased-in based on ZEV suitability by vehicle type
  - Must meet ZEV milestones as a percent of California fleet
- Flexibility to add new or used ICE vehicles beyond 2030
- Can opt-in and switch between compliance options until 1/1/2030
- Must waive right to statutory useful life for vehicles

ZEV Milestones Option Table

Zero-Emission Fleet Percentage	10%	25%	50%	75%	100%
Group 1: Box trucks, vans, 2-axle buses, yard trucks, light-duty package delivery vehicles 	**2025**	**2028**	**2031**	**2033**	**2035**
Group 2: Work trucks, pickups, day cab tractors, 3-axle buses 	**2027**	**2030**	**2033**	**2036**	**2039**
Group 3: Sleeper cab tractors and Class 8 specialty vehicles 	**2030**	**2033**	**2036**	**2039**	**2042**

Note: Work truck means any single-unit truck that is not a box truck, van, bus, or Class 8 specialty vehicle

Example for a 100 Truck Fleet

Vehicle Type	# of Vehicles	ZEVs in 2025	ZEVs in 2029	ZEVs in 2033	ZEVs in 2037	ZEVs in 2041	ZEVs in 2045
Box trucks, vans, two-axle buses, yard tractors, light-duty delivery vehicles 	**60**	6 (10%)	15 (25%)	45 (75%)	60 (100%)	60 (100%)	60 (100%)
Work trucks, day cab tractors, pickup trucks, three-axle buses 	**20**	0	2 (10%)	10 (50%)	15 (75%)	20 (100%)	20 (100%)
Sleeper cab tractors and Class 8 specialty vehicles 	**20**	0	0	5 (25%)	10 (50%)	15 (75%)	20 (100%)
ZEV Milestones	**100**	**6**	**17**	**60**	**85**	**95**	**100**

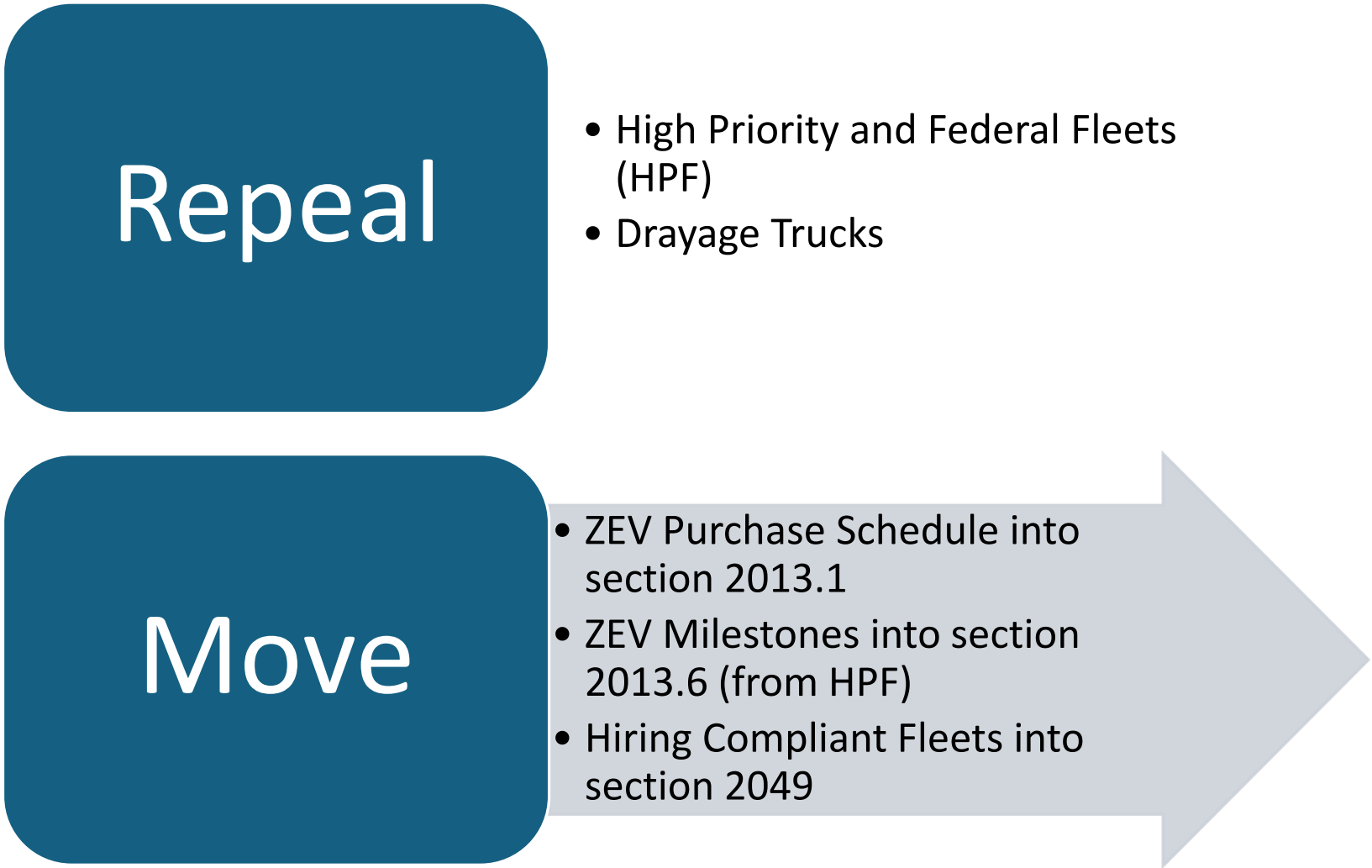
Exemptions and Extensions

Provision	Summary
Vehicle Delivery Delay Extension*	Allows a fleet to remain compliant if a ZEV order is delayed
ZEV Infrastructure Delay Extension	Extends compliance for up to 5 years for delays during planning and construction
ZEV Purchase Exemption	Can buy ICE vehicle if ZEV is not available in same configuration and weight class
Daily Usage Exemption	Can buy ICE vehicle if available BEV does not meet fleet's mileage or power needs, and no NZEV or FCEV are available in the same configuration and weight class
Fleet Resiliency Exemption (formerly Mutual Aid)	Reserves up to 25 percent of ICE vehicles in a fleet for use in mutual aid events
Waste and Wastewater Fleets Ext.*	Gives more time for existing CNG trucks in waste diversion and biomethane generation
Non-Recoverable Vehicle Exemption	Flexibility to purchase replacement ICE vehicle in case of an accident or theft
Backup Vehicle Exemption	Vehicle operated less than 1000 miles per year, excluding emergency operation mileage
Intermittent Snow Removal Vehicle	May purchase ICE vehicles to operate as an intermittent snowplow until 2030
Transit Agency Exemption	Excludes transit agencies and their maintenance vehicles until 1/1/2030
Captive Biofuel Use Exemption*	Waste or wastewater agencies to continue to purchase low-NOx ICE vehicles if they use biofuel produced on-site (pending OAL approval)

Note: *Not available for vehicles using the ZEV Purchase Schedule

Overview of Changes

Advanced Clean Fleets, 2025 Amendments


Repeal
• High Priority and Federal Fleets (HPF)
• Drayage Trucks
Move
• ZEV Purchase Schedule into section 2013.1
• ZEV Milestones into section 2013.6 (from HPF)
• Hiring Compliant Fleets into section 2049

2025 Amendments to Advanced Clean Fleets

- Extends the 50% ZEV Purchase Schedule by three years and delays 100% to 2030
- Earlier and easier access to exemptions
- Manufacturer assurance measures added
- Can submit a request for proposal to prove ZEV is unavailable
- New vehicle configurations added to the ZEV Streamlined List
- Guidance is available online:

https://ww2.arb.ca.gov/resources/fact-sheets/ACF-2025-Amendments-Guidance

https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets/advanced-clean-fleets-fact-sheets

TRUCRS

- **T**ruck **R**egulation **U**pload, **C**ompliance, and **R**eporting **S**ystem Annual deadline April 1
- Fleet changes are to be reported within 30 days of occurrence
  - Any vehicles added
  - Any vehicles permanently removed
  - Backup vehicles that exceed the allowable mileage
  - ZEV conversions

Advanced Clean Fleets

Consistent with its mission to reduce air pollution and protect public health, CARB encourages all to continue reducing emissions and we look forward to partnering with you in these efforts.



ZEVFleet@arb.ca.gov



(866) 634-3735



Clean Truck Check Overview

Clean Truck Check: Overview

Clean Truck Check may also be called the heavy-duty vehicle inspection and maintenance program or HD I/M

What is Clean Truck Check (CTC)?

The Program ensures heavy-duty vehicles on California roads maintain functioning emissions systems by

- Emissions testing and data reporting
- Roadside monitoring for high-emitting vehicles
- Compliance verification requirements for freight contractors, seaports, and railyards





What vehicles are regulated under Clean Truck Check?

Non-gasoline and alternative fuel heavy-duty vehicles **over** 14,000 lbs. (manufacturer's GVWR) **operating on California public roads and highways.**

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Example Regulated Vehicles

Diesel, hybrid and alternative fuel vehicles **over** 14,000 lbs. manufacturer's GVWR that **operate on California public roads and highways**

- Trucks
- Motorhomes
- Buses and school buses
- Cargo vans
- Tow trucks
- Government-owned vehicles
- Personal vehicles








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Example Vehicles Excluded from Clean Truck Check

- Emergency vehicles
  California Vehicle Code section 165 or Health and Safety Code section 1797.84
- Gasoline heavy-duty vehicles already under the Bureau of Automotive Repair's Smog Check program
- Out-of-state vehicle operating pursuant to a Governor's Executive Order or Emergency Declaration (for 30 days)
- Zero-emission heavy-duty vehicles
- Tactical military vehicles
- Permanent historical vehicles
  California Vehicle Code section 5004

Clean Truck Check: How to Comply

1. Report vehicles in CTC-VIS
2. Pay the annual compliance fee per vehicle
3. Submit passing emissions compliance tests



Step 1: Report Vehicles

- Vehicle owners are required to report via the **C**lean **T**ruck **C**heck, **V**ehicle **I**nspection **S**ystem (**CTC-VIS**)

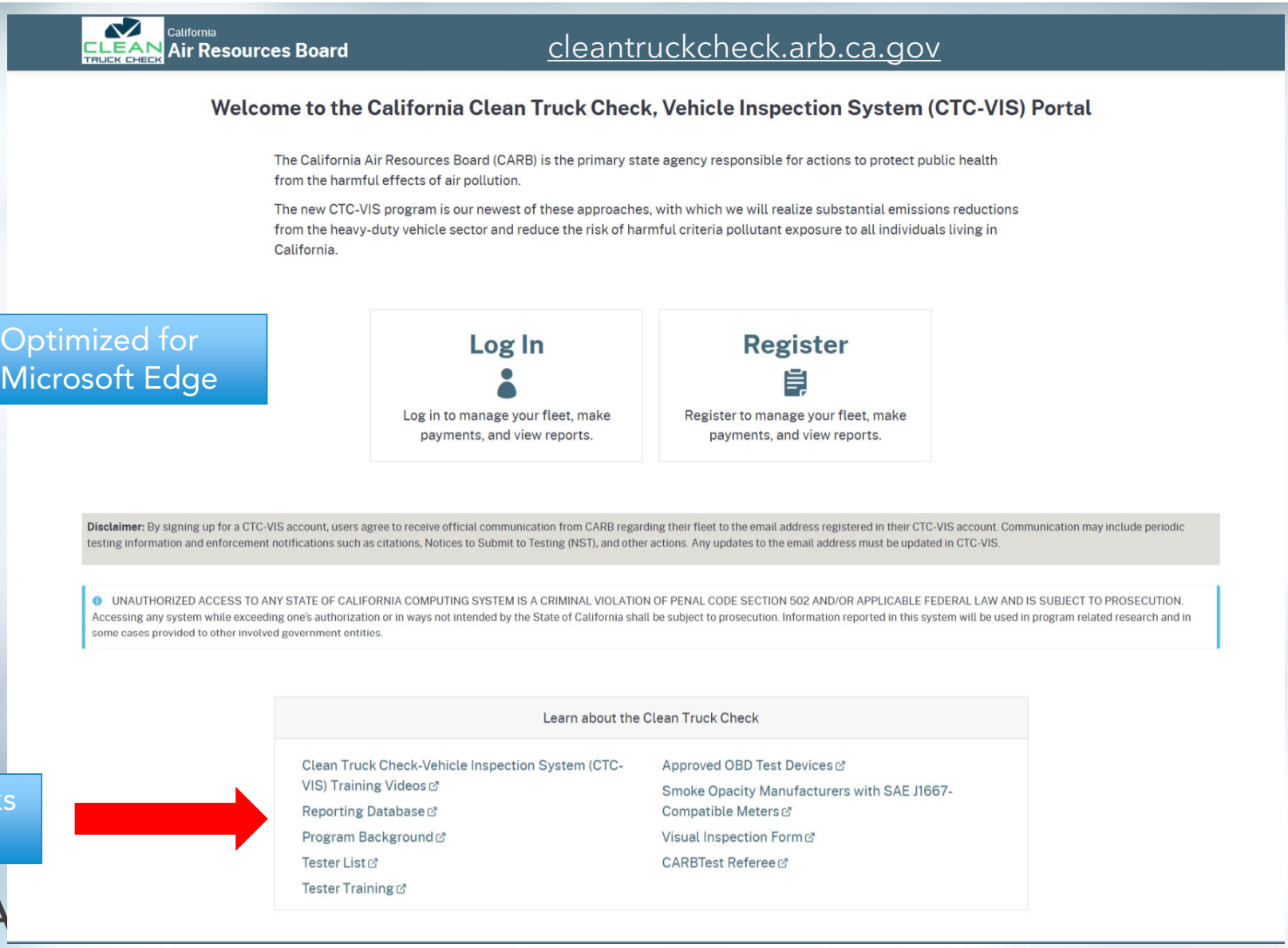
  cleantruckcheck.arb.ca.gov

  Create and authenticate an account in CTC-VIS

  Enter fleet and vehicle info

- CTC-VIS data can be pulled from TRUCRS

Optimized for Microsoft Edge



Helpful links and videos

Step 2: Pay the Annual Compliance Fee

- Pay the fee for each vehicle in CTC-VIS
- Annual fee adjusts with California Consumer Price Index (CCPI)
- Payments via credit card, debit card, or e-check
  - Paper checks are not accepted
- Batch payment option available

Step 3: Emissions Compliance Testing Semi-Annual

Applies to most vehicles

- **1st Deadline**: DMV registration due date
- **2nd Deadline**: 6 months from the DMV registration due date
- Compliance tests can be submitted **90 days prior** to a deadline
- CTC-VIS notification for testing



Step 3: Emissions Compliance Testing Semi-Annual, Exempt and Special Equipment

- Exempt Plate **1st** and **2nd** deadlines based on last digit of VIN

Last Number of VIN	0	1	2	3	4	5	6	7	8	9
Testing & Annual Fee Deadline Month	Apr **Oct**	May **Nov**	Jun **Dec**	**Jan** Jul	**Feb** Aug	**Mar** Sep	**Apr** Oct	**May** Nov	**Jun** Dec	Jan **Jul**

Bolded months indicate the month the compliance fee will be due.

- SE Plates have compliance deadlines based on the DMV registration expiration date (typically December 31)
- Compliance tests can be submitted 90 days prior to a deadline
- CTC-VIS notification for testing

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Step 3: Emissions Compliance Testing Annual



- Emissions compliance testing once annually
- Personal motorhomes and agricultural vehicles registered in California
- Deadline based on the vehicle's DMV registration due date

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Definition of Agricultural Vehicles

Vehicles operated by a farming business used exclusively in agricultural operations to transport agricultural products to the first point of processing*



* Includes packinghouses, slaughterhouses, cotton gins, nut hullers/shellers, processors, dehydrators, lumber mills, feed/grain mills, and biomass facilities.

http://ww2.arb.ca.gov/resources/fact-sheets/agricultural-vehicles-requirements-clean-truck-check

Emissions Test Methods

- **OBD-equipped vehicles**
  - 2013 and newer diesel or diesel hybrid engines
  - 2018 and newer alternative fuel or hybrid alternative fuel engines
    - ✓ **Certified device scan of OBD data**





- **Non-OBD vehicles**
  - 2012 and older diesel engines
    - ✓ **Opacity test - SAE J1667** and
    - ✓ **Visual inspection** of emissions control equipment
  - 2017 and older alternative fuel engines
    - ✓ **Visual inspection** of emissions control equipment



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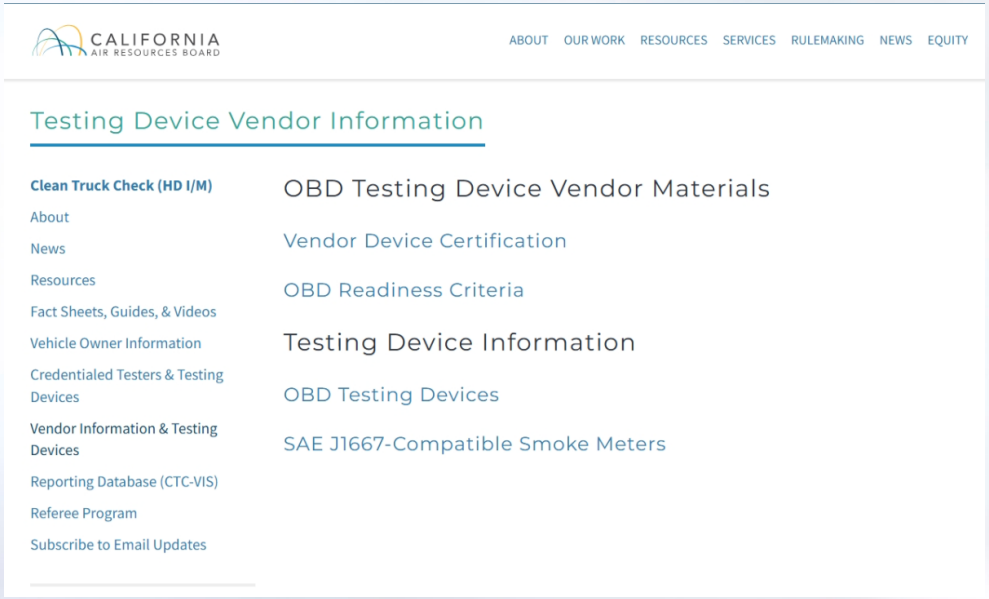
CTC Credentialed Testers

- Search and verify for-hire credentialed testers at arb.ca.gov/findaCTCtester
- Only credentialed testers submit emissions tests with CARB-approved testing equipment
- Become credentialed by completing the no-cost training and exam at arb.ca.gov/CTCtester
- No credential necessary when using a CARB-approved continuously connected OBD telematics device

CTC Testing Devices

- Only CARB-approved devices can be used for compliance tests

- CARB-approved test devices are at [Testing Device Vendor Information]



https://ww2.arb.ca.gov/our-work/programs/inspection-and-maintenance-program/testing-device-vendor-information

OBD Testing Overview

1. Connect the data link connector (DLC) or OBD interface device
   a) 9-Pin (J1939 protocol)
   b) 16-Pin (J1979 protocol)

2. Login with your Credentialed Tester email
   a) Enter VIN, license plate, and comments

3. Run the engine at idle

4. Begin test – On average, it takes less than 5 minutes to complete

5. Results are transmitted to CARB automatically



OBD Testing – Recommended Practices

Avoid clearing Diagnostic Trouble Codes (DTC).

OBD systems can require substantial vehicle operation to complete diagnostic tests.

A vehicle not operated enough will be considered "Not Ready" and will not pass the emissions compliance test.

Code clearing can occur when:

- Disconnecting the battery
- Using an improperly installed battery disconnect (sometimes referred to as a "kill" switch) that disconnects power to the OBD system
  - It is OK if the switch just cuts power to accessories/lights/etc.
- Using an OBD scan tool to clear codes/DTCs

If a test result is "Not Ready", the vehicle should continue to operate under normal business practices for a few days and then have the vehicle retested.

More information on OBD readiness criteria can be found at,
https://ww2.arb.ca.gov/clean-truck-check-board-diagnostic-obd-readiness-criteria

CTC-VIS: Guidance and Resources

- Guidance and Fact Sheets
- Training Videos
- Recorded Training Modules
- Q&A and Webinar Registration

https://bit.ly/3XZKady

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E-mail and Links

- Clean Truck Check e-mail
  hdim@arb.ca.gov
- Clean Truck Check Vehicle Inspection System (CTC-VIS)
  https://cleantruckcheck.arb.ca.gov
- Clean Truck Check Program Information
  https://ww2.arb.ca.gov/our-work/programs/CTC

Clean Truck Check may also be called the heavy-duty vehicle inspection and maintenance program or HD I/M

CALIFORNIA
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Incentive Programs

Clean Truck & Bus Voucher Incentive Program (HVIP)

- Point-of-sale discounts to power California communities and drive commercial technology transformation
- Works directly with dealers to apply the incentive at time of purchase
- No scrappage required



Innovative Small E-Fleets (ISEF)

- Set-aside in HVIP which assists small fleets
- Eligibility Criteria:
  - 20 vehicles or MD and HD fewer vehicles
  - And $15 million or less in revenue (except non-profits and government fleets) Fleets with
- Provides funding for flexible leases, long-term rentals, vehicle-as-a-service services, etc.



CALIFORNIA HVIP

Carl Moyer Program

- Incentivizes replacing existing vehicles and equipment with clean technologies
- Scrappage of an existing vehicle is required
- Local air districts administer Carl Moyer Program grants and select projects to fund

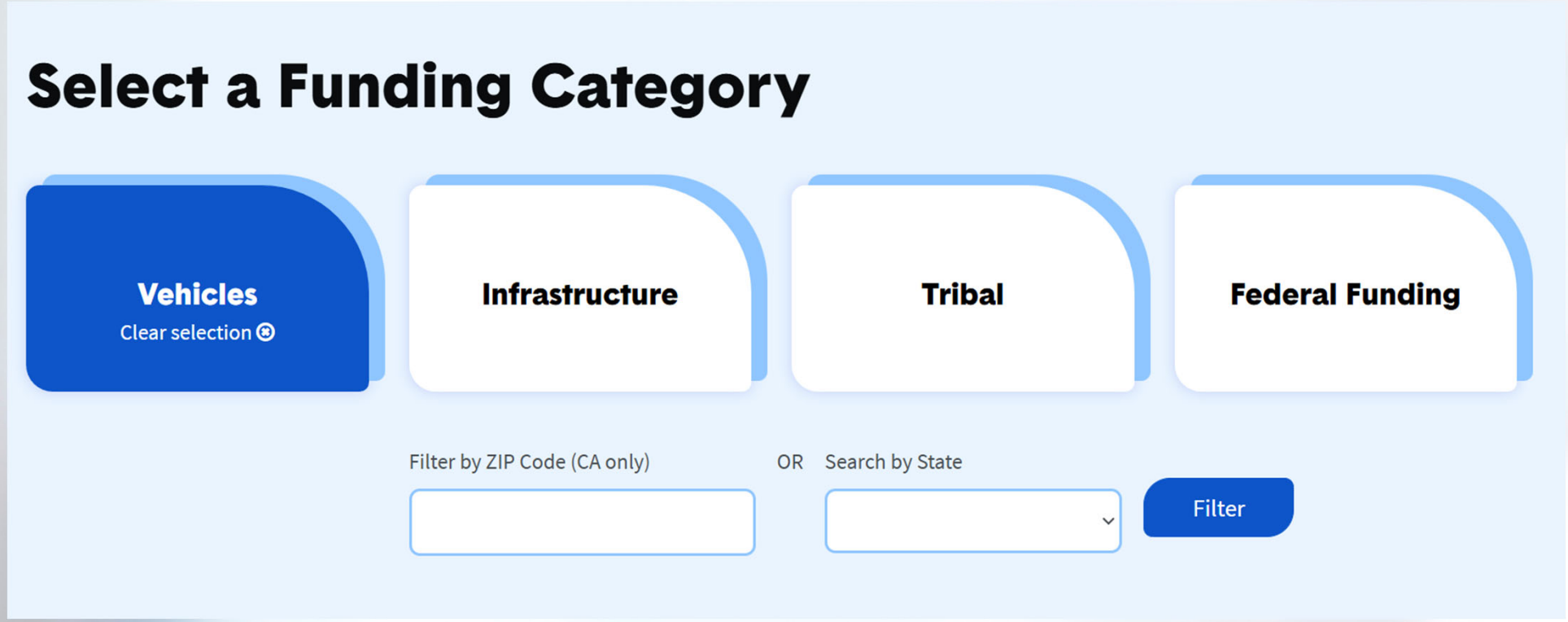


California Clean Fuel Reward

- The California Clean Fuel Reward is designed to help reduce the upfront cost of new battery-electric medium- and heavy-duty Class 2b to Class 8 commercial vehicles.
- No Scrappage Required
- Administered by SoCal Edison



www.fundingfindertool.org



Cal Fleet Advisor

- Cal Fleet Advisor provides **no cost technical assistance** to fleets and independent owner operators wanting to learn more about switching to ZEVs.



CAL FLEET ADVISOR

Drive Forward Truck Forum Infrastructure Meeting 11/2

www.arb.ca.gov

- First phases of a charging infrastructure project
- Detailed evaluation of charging infrastructure needs
- Getting the most from your initial utility consultation
- Site assessment and planning for charger placement
- Acquisition planning
- Greenbook for Fleets

CALIFORNIA AIR RESOURCES BOARD
CATALYST MOBILITY
CAL FLEET ADVISOR
CALIFORNIA HVIP
CALIFORNIA CORE

DRIVE FORWARD EXPO

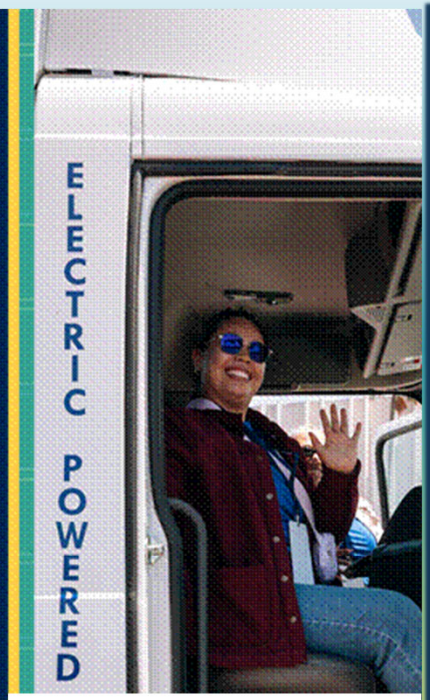
See, Drive, and Discover Zero-Emission Vehicles

November 18, 2026 9 A.M. - 3 P.M.

Big Fresno Fair | Fresno, CA

DRIVEFORWARDEXPO.ORG

1121 S Chance Ave, Fresno, CA 93702
@CARBTruckStop
@CalFleetAdvisor
events@calstart.org



What to Expect

Test drive zero-emission medium- and heavy-duty commercial trucks and off-road equipment

Connect with manufacturers and industry experts

Past Ride and Drive events have featured over 70 Class 2b-8 trucks, buses, vans, and off-road equipment

Receive information on incentive opportunities and the Cal Fleet Advisor technical assistance program

CARB staff will be available to answer questions on programs including:

Advanced Clean Fleets applicable to State and Local Government Fleets
Clean Truck Check
Off-Road Diesel
and more!

Free admission and parking available for attendees

Adil Mahmood
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