

# Clean Truck Check Overview

# 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





## 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.** 







# **Example Regulated 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















# Step 1: Report Vehicles

Vehicle owners are required to report via the Clean Truck
 Check, Vehicle Inspection System (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



#### cleantruckcheck.arb.ca.gov

#### Welcome to the California Clean Truck Check, Vehicle Inspection System (CTC-VIS) Portal

The California Air Resources Board (CARB) is the primary state agency responsible for actions to protect public health from the harmful effects of air pollution.

The new CTC-VIS program is our newest of these approaches, with which we will realize substantial emissions reductions from the heavy-duty vehicle sector and reduce the risk of harmful criteria pollutant exposure to all individuals living in California.





Log in to manage your fleet, make payments, and view reports.

#### Register



Register to manage your fleet, make payments, and view reports.

**Disclaimer:** By signing up for a CTC-VIS account, users agree to receive official communication from CARB regarding their fleet to the email address registered in their CTC-VIS account. Communication may include periodic testing information and enforcement notifications such as citations, Notices to Submit to Testing (NST), and other actions. Any updates to the email address must be updated in CTC-VIS.

UNAUTHORIZED ACCESS TO ANY STATE OF CALIFORNIA COMPUTING SYSTEM IS A CRIMINAL VIOLATION OF PENAL CODE SECTION 502 AND/OR APPLICABLE FEDERAL LAW AND IS SUBJECT TO PROSECUTION.
Accessing any system while exceeding one's authorization or in ways not intended by the State of California shall be subject to prosecution. Information reported in this system will be used in program related research and in some cases provided to other involved government entities.

### Helpful links

and videos





#### Learn about the Clean Truck Check

Clean Truck Check-Vehicle Inspection System (CTC-

VIS) Training Videos ♂

Reporting Database ♂

Program Background ♂

Tester List ♂

Tester Training ♂

Approved OBD Test Devices ♂

Smoke Opacity Manufacturers with SAE J1667-

Compatible Meters ♂

Visual Inspection Form ☑

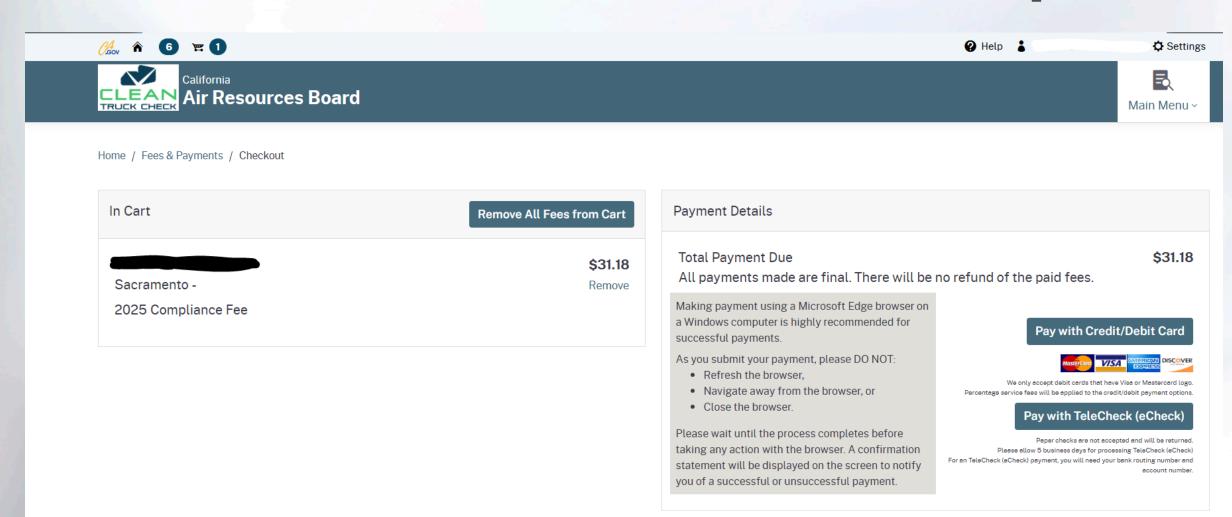
CARBTest Referee ♂

# 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
  - No paper checks accepted
- Batch payment option available

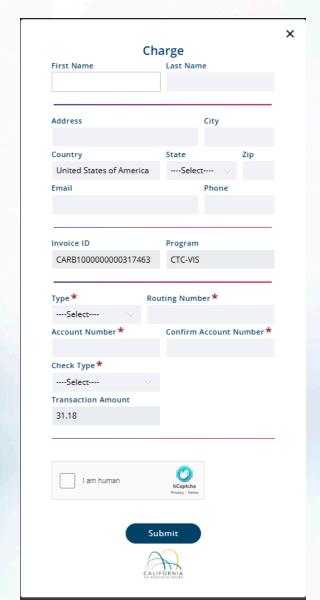


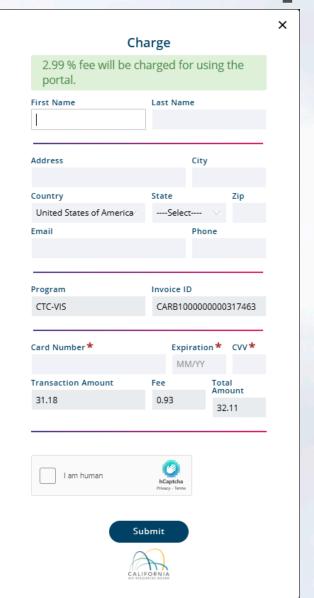
# 2025 CTC-VIS Checkout Example





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# **CTC-VIS Compliance Certification Example**





#### Vehicle Compliance Certification

Issue Date: 3/14/2024

Expiration Date: 1/29/2025 Certification ID: ABC#0000####

#### Vehicle Information

Vehicle Identification Number (VIN): ABCDE#A##B#######

Vehicle License Plate: AB#####

Vehicle Make:

Vehicle Model Year: 2020

Vehicle Model:

#### **Business Information**

Company/Entity Name: abcd@xxx.com

Entity ID: E#####

Primary Address: 100 Sunny St., Any Town, CA 91###, USA

CARB reserves the right to invalidate this certificate if the vehicle is found violating the Clean Truck Check requirements prior to the certificate expiration date.

Future certificates may be denied if the vehicle has any outstanding CARB Enforcement actions.

Non-compliant vehicles could also have their registration denied by the Department of Motor Vehicles.

This compliance certificate does not exempt the vehicle from emissions-related inspection or audit.

For more information on Clean Truck Check, visit https://ww2.arb.ca.gov/cleantruckcheck.

To verify this certification: https://cleantruckcheck.arb.ca.gov.

CARB's Clean Truck Check team can be reached at hdim@arb.ca.gov.



# 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



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



# 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

# **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
- - ✓ **Visual inspection** of emissions control equipment







# **CTC Credentialed Testers**

- Search and verify for-hire credentialed testers at arb.ca.gov/findaCTCtester
- Only credentialed testers submit emissions tests with CARBapproved testing equipment
- Become credentialed by completing the <u>no-cost</u> training and exam at <u>arb.ca.gov/CTCtester</u>
- 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 <u>Testing</u>
 <u>Device Vendor Information</u>



https://ww2.arb.ca.gov/ourwork/programs/inspection-and-maintenanceprogram/testing-device-vendor-information



# Clean Truck Check Outreach

- 280,000+ direct-mail postcards
- Meetings with industry associations
- Recorded and upcoming trainings
- CARB staff at events
- Videos and bookmarks at DMV offices statewide





## E-mail and Links

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





# Advanced Clean Fleets State and Local Government Agencies

Andrew Reyes, Air Resource Engineer

Mobile Source Control Division

### **Advanced Clean Fleets Waiver Information**

California has withdrawn its request for a waiver and authorization for the addition of the Advanced Clean Fleets (ACF) Regulation to its emissions control program. At this time, CARB is evaluating next steps. CARB is not enforcing the portions of the ACF Regulation that apply to private or federal fleets.

The state and local government fleets portion of the ACF Regulation remains unaffected. Because CARB is committed to reducing air pollution to protect public health, we encourage affected industries to continue reducing their emissions and we look forward to continued partnership in these efforts.



# State and Local Government Fleet Applicability

 "State or local government agency" means a 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 any state or local government agency in California that owns, leases, or operates one or more vehicles with a gross vehicle weight rating (GVWR) greater than 8,500 lbs.





### **Excluded Vehicles**

- School buses defined in
   (California Vehicle Code §545)
- Emergency vehicles defined in (California Vehicle Code §165)
- Vehicles awaiting sale
- Military tactical vehicles
- Historical vehicles
- Dedicated snow removal vehicles
- Certain two-engine vehicles

- Heavy cranes
  - Transit vehicles subject to Innovative Clean Transit regulation

 Vehicles subject to Zero-Emission Airport Shuttle regulation





### **ZEV Purchase Schedule**

2024-2026

January 1, 2027+

50 percent of purchases must be ZEV or NZEV

All purchases must be ZEV or NZEV

- Agencies in designated counties or divisions with 10 or fewer vehicles are exempt from the ZEV purchase requirements until 2027, still must report to TRUCRS
- 2035 and earlier MY NZEVs count as a ZEV









## **Reporting Date**

- State and Local Government Agency Fleets
  - Truck Regulation Upload, Compliance, and Reporting System (TRUCRS)
  - Initial Reporting Deadline April 1, 2024
  - Annual deadline April 1, until 2045
- Fleet changes need to be reported within 30 days of occurrence
  - Any vehicles added
  - Any vehicles permanently removed
  - Backup vehicles that exceed the allowable mileage
  - ZEV conversions



### **ZEV Purchase Schedule - Considerations**

- Existing compliant internal combustion vehicles can be operated indefinitely
  - No useful life retirement in this option
- Early/excess action credit
  - ŽEVs purchased early or in excess of purchase requirements count one-for-one towards future combustion-powered vehicle purchase
  - Flexibility provision access
    - Several flexibility options require fleets to be replacing vehicles that are at least 13 years old
  - Compliance is assessed at the end of year for all purchases made during that calendar year
- Non-transit vehicles owned by Transit Agencies subject to the ICT regulation are exempt through 1/1/2030



## **ZEV Milestones Option**

- Available to State and Local Government Agency Fleets
- Provides flexibility to comply regardless of vehicle age or mileage
- 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 2027
- Annual Reporting Deadline is February 1
- Can opt-in permanently in TRUCRS until 1/1/2030
- Must waive right to statutory useful life for vehicles



## **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  2	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, a no NZEV or FCEV are available in the same configuration and weight class.			
Mutual Aid Assistance	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 general Must permanently opt into ZEV Milestones to qualify.			
Non-Repairable Vehicle	Flexibility to purchase used replacement ICE vehicle in case of an accident.			
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 intermittent snowplow until 2030.			
Transit Agency Exemption	Excludes transit agencies and their maintenance vehicles until 1/1/2030.			



### E-mail

ZEVFLEET@ARB.CA.GOV

**Phone** 

(866) 634-3735

