

Course #514

- Tractor-Trailer GHG
 - Regulation Overview
 - Small Fleet Phase-In Option
 - How to Report
- Truck and Bus
 - The Reporting Deadline Has Passed! Now What?
 - Brief Regulation Overview
 - How to Report



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2012

GHG Presentation Overview

- Purpose of the Regulation
- Current Technologies
- Status of Regulation
- Applicability
- Requirements
- Optional Phase-In Plans
- Exemptions and Passes
- Funding Assistance
- Registering and Reporting
- Resources

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Tractor -Trailer Greenhouse Gas Regulation



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Estimated Benefits 2010 - 2020

- State mandated emission reductions:
 - GHG emissions – 33 MMTCO₂
 - Criteria emissions (NOx) – 3.1 tons per day in 2014 in CA
- Trucking fleets¹:
 - 3.3 billion gallons of fuel nationwide
 - \$5.7 billion dollars in operating cost savings nationwide
 - Less than 1 year ROI at today's fuel cost

¹ includes cost and benefits of tractor and trailer aero and tire requirements

SmartWay Certified Tractors Currently Available

- Fully Aerodynamic with LRR tires
- Purchase Directly from Tractor Manufacturer/Dealer



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SmartWay Verified Aerodynamic Technologies

Aerodynamic Mirror and Bumper



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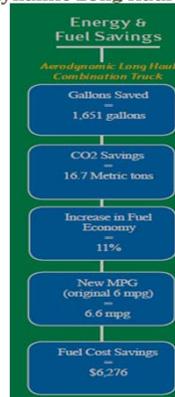
SmartWay Verified Aerodynamic Technologies

Skirts



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Improved Aerodynamics Savings for Aerodynamic Long Haul Combination Truck



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**Purpose - Reduce GHG Emissions
by Improving:
Trailer Aerodynamics**



Front Trailer Gap Fairings

Side Skirts

Rear Trailer Fairings

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**SmartWay Verified
Aerodynamic Technologies**

Trailer Gap Reducers



*Estimated fuel savings: 1% or greater - Should be used in combination with side skirts

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**SmartWay Verified
Aerodynamic Technologies**

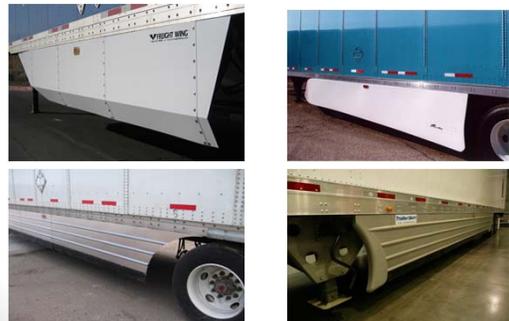
Side Skirts



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**SmartWay Verified
Aerodynamic Technologies**

Side Skirts



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SmartWay Verified Aerodynamic Technologies

Advanced Trailer End Fairing



*Estimated fuel savings 5 percent - Can be used with our without other fairings

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SmartWay Verified Aerodynamic Technologies

Trailer Boat Tails



*Estimated fuel savings: 1% or greater - Should be used in combination with side skirts

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Purpose - Reduce GHG Emissions by Using:

Low Rolling Resistance Tires



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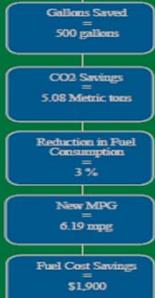
Tire Rolling Resistance

- Characteristics of low rolling resistance tires
 - Reduced sidewall flexing
 - Tire rubber material and tread thickness
 - Tread design
- A 3% benefit in fuel economy for the tractor-trailer
 - Additional benefits for single wide base tires



Reduce GHG Emissions by Using:

Energy and Fuel Savings



Low Rolling Resistance Tires

- Rolling Resistance accounts for 13% of energy use.
- Using Single wide-base tires on drive and trailer axles ranges from 800-1,000 lbs.
- Single wide tires have lower rolling resistance.
- Single wide tires have less aerodynamic drag.
- Fuel Economy Savings of 2-5%
- By using LRRs a long-haul truck could save over 500 gallons of fuel per year.



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Status of Regulation

- **Effective - January 1, 2010.**
- **Amendments - December 12, 2011**
- **Emergency Regulation - March 12, 2012**
- **California Code of Regulations (CCR) title 17, Sub article 1, Sections 95300 to 95312**
- **Updates**

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Applicability

- **Tractors Pulling \geq 53' Trailers**
- **\geq 53' Trailers (Dry-Van & Refers)**
- **Responsible for Compliance:**
 - Owner,
 - Driver,
 - Motor Carrier,
 - California-Based Broker, and
 - California-Based Shipper
- **All Affected Vehicles Operating in California Regardless of Where Registered**



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Exempt Tractors and Trailers

- **Container-Chassis Trailers**
- **Drop-Frame Van Trailers**
- **Curtain-Side Van Trailers**
- **Emergency Vehicles, VC 165**
- **Solid Waste Vehicles**
- **Military Vehicles**
- **Drayage**
- **Livestock Trailers**
- **Empty Trailers**
- **< 53' Trailers**



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What the Rule Requires

- **Tractors** - New and Existing :
 - 2011 & Newer - Aerodynamic Equipment & LRRs
 - 2010 and Older-LRRs Only
- **Trailers** - New and Existing :
 - Aerodynamic Equipment & LRRs



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Tractor Requirements



TRACTOR BASIC COMPLIANCE DATES

	2011 and Newer	2010 or Older	
	<i>Sleeper Cab</i>	<i>Day Cab</i>	<i>Sleeper & Day Cabs</i>
Aerodynamics	Jan. 1, 2010	N/A	N/A
Low Rolling Resistance Tires	Jan. 1, 2010	Jan. 1, 2010	Jan. 1, 2013

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Trailer Requirements

TRAILER Compliance Dates

	2011 and Newer	2010 or Older
Aerodynamics	Jan. 1, 2010	Jan. 1, 2013
<i>Retrofit minimum fuel efficiency improvement</i> DRY-VAN-5%	Jan. 1, 2010	Jan. 1, 2013
<i>Retrofit minimum fuel efficiency improvement:</i> REFR.-VAN 4%	Jan. 1, 2010	Jan. 1, 2018- Jan. 1, 2020
LOW Rolling Resistance Tires	Jan. 1, 2010	Jan. 1, 2017

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Trailer Requirements (continued)

Provision for Refrigerated-Van Trailers

Trailer Model Year	Compliance Before:
2003-2004	January 1, 2018
2005-2006	January 1, 2019
2007-2009	January 1, 2020

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Provisions for Refrigerated Vans under the GHG Rule*

- 2003 - 2009 MY Reefer Trailers with 2003 or Newer TRUs
- **No reporting** required for these trailers, but fleet owners must **register** these trailers if participating in any of the optional phase-in schedules (Large Fleet Option 1 and Option 2 or the Small Fleet Option).

Trailer Model Year	Report Compliance Before
2003-2004	January 1, 2018
2005-2006	January 1, 2019
2007-2009	January 1, 2020

*This is applicable for the Tractor-Trailer GHG Rule only and does not change or delay any of the engine requirements under the separate TRU Regulation.

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Tire Requirements



Tractor Tires Compliance Dates

	2011 and Newer		2010 or Older
	Sleeper Cab	Day Cab	Sleeper & Day Cab
Low Rolling Resistance Tires Compliance Dates	Jan. 1, 2010	Jan. 1, 2010	Jan. 1, 2013

Trailer Tires Compliance Dates

	2011 and Newer Dry Vans	2010 and Older Dry Vans	2003-2004 Reefer Vans	2005-2006 Reefer Vans	2007-2009 Reefer Vans
	LRRs Compliance Dates	Jan. 1, 2010	Jan. 1, 2017	Jan. 1, 2018	Jan. 1, 2019

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What the Rule Requires (continued)

- **Register**
 - Trailers for Large Fleet Options 1 & 2 and the Small Fleet Option.
- **Registration Requires:**
 - Fleet Compliance Plan
 - Trailer Fleet List
 - To determine fleet's "compliance plan base number"
 - Used to determine the percent of trailers to be retrofitted/yr
- **Report**
 - Required tractors and trailers before each compliance deadline.
 - Assign method of compliance in TRUCRS (GHG)



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What the Rule Requires (continued)

- California-Based Brokers, Shippers, and Motor Carriers may only dispatch GHG compliant trailers and tractors.
- California Licensed Dealers must retain sales and leasing records for **3 years**.
- Lessor to retain records for **3 years** for lease agreements containing disclosure language.

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What the Rule Requires (continued)

- Owners Must **Register** Tractors for Short-Haul Exemption
- Owners Must **Register** Tractors and Trailers for the Local-Haul Exemption
- Owners Must **Register** Trailers for Storage Trailer Exemption
- Temporary (5 day) Relocation Passes for Local-Haul Trailers and Storage Trailers



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Optional Phase-In Compliance Plans

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Optional Large Fleet Compliance Plans **Fleets ≥ 21**

- ≥21 Trailers; Model Year 2010 and Older
- Register by: Option 1 (July 1, 2010); **Option 2 (June 1, 2012)**
- Allow fleets to report their compliance activity upfront to ARB or on an annual basis

Option 1 Percentage of Trailers	Option 2 Percentage of Trailers	Report Compliance Before
5%	--	January 1, 2011
15%	20%	Option 1-January 1, 2012 Option 2-June 1, 2012
30%	40%	January 1, 2013
50%	60%	January 1, 2014
75%	80%	January 1, 2015
100%	100%	January 1, 2016

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Small Fleet Option Compliance Plan **Fleets ≤20**

- Small Fleet – ≤20 Trailers; Model Year 2010 and Older
- Register by: **September 1, 2012**
- Fleets may report compliance activity upfront to ARB or on an annual basis

Percentage of Trailers	Report Compliance Before
25%	January 1, 2014
50%	January 1, 2015
75%	January 1, 2016
100%	January 1, 2017

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Optional Trailer Fleet Compliance Plan Registration



General Requirements:

- Provide information to ARB by due dates
- Meet compliance schedules
- Audit records and equipment
- Maintain documentation at location specified on trailer fleet list



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Optional Trailer Fleet Compliance Plan Registration



Specific Fleet Information to be Submitted in the Plan:

- Trailer Fleet List
 - Large Fleet - Only California Operated
 - Small Fleet - Total Trailer Fleet
- Specific Information for Each Trailer
- Identification of Trailers to be Brought into Compliance Each Year to Meet the Fleet Phase-in Plan



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Exemptions

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Short-Haul Exemption



- Tractors Only
 - <50,000 miles/year
 - (total miles – including out of the country – Mexico and Canada)
 - Short-Haul Tractor and Trailer It Pulls are Exempted from the Aerodynamic **and** LRR Tires
 - Must Register Vehicles with Annual Updates on Mileage to ARB
 - On-line Registration Available, Using ARB's **TRUCRS (GHG)**
 - If Exceed 50,000, can apply again for 3 years

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Local-Haul Exemption

• Tractors and trailers

- Operation Restricted to Within a 100-mile Radius of Registered Home Base
- Exemption from Aerodynamic Requirement Only (**LRR Tires Still Required**)
- Relocation Pass for Local-Haul Trailers
- Must Register Vehicle and Home Base Information with ARB Prior to Operation
- On-line Registration Available, Using ARB's TRUCRS (GHG)



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Storage Trailer Exemption

• Trailers Only

- Exempt from Aerodynamics and Tire Requirements
- Must be Empty When Traveling on California Highways
- Relocation Pass Required for Storage Trailers When Traveling with Freight
- Must Register Vehicle with ARB Prior to Operation
- On-line Registration Available, Using ARB's TRUCRS (GHG)



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Drayage Exemption

• Drayage Exemptions Apply If:

- Trailer pulled by drayage tractor is off-loaded from ship or rail car just prior to being pulled by drayage tractor
 - Must show evidence of port/rail yard of origin
 - Only travel within 100 mile radius of port or rail yard.
- Trailer pulled by drayage tractor is taking the trailer to a port or rail yard to be loaded onto ship or rail
 - Must show evidence of port/rail yard destination



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Open-Shoulder Tire Exemption

Applies to New Tractors Only:

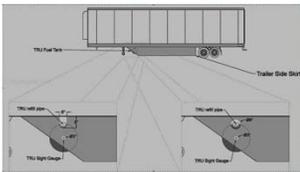
- 2011+ MY Sleeper-Cab and Day-Cab Tractors
 - Allows use of two or more open-shoulder drive tires that are not SmartWay *low-rolling resistance tires* until January 1, 2013.
- After January 1, 2013 all open-shoulder low-rolling resistance tires on affected tractors must be SmartWay verified



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Modifications to Verified Equipment

- Aerodynamic technologies must be verified or certified by U.S. EPA SmartWay program, *and*
- Aerodynamic technologies must either be installed:
 - To maintain their status as SmartWay verified aerodynamic technologies according to the requirements of U.S. EPA SmartWay program, *or*
 - In an alternate configuration approved by the ARB



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Modifications to Verified Equipment (continued)

- **Trailer Aerodynamic Compliance Delay**
 - Allows owners of trailers to apply for a one year delay in requirements to install aerodynamic technologies if trailers cannot be retrofitted with existing U.S. EPA SmartWay aerodynamic technologies
 - Must demonstrate installation of existing aerodynamic technologies is not feasible
 - Requires Executive Officer approval

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Temporary Passes

Pass Description	Situation
<u>Relocation Pass for Local-Haul and Storage Trailers</u> (4 passes a year per tractor/trailer; 5 day pass; must operate the local haul or storage for 30 days)	Allows movement of loaded exempt local-haul trailers and exempt storage trailers within California
<u>Transfer of Ownership Pass for Trailers</u> (5 day pass with longer time upon Executive Officer approval)	Allows delivery of loaded trailers from transferor's location to transferee's location
<u>Non-Compliant Tractor Pass</u> (5 day pass; one tractor per fleet per year) Sunsets 2015	Allows a non-compliant tractor to pull a trailer in California

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Definition of Owner

Situation	Owner
Tractor/Trailer owned by Federal government (not registered by DMV)	Federal Government
Leased Tractor 	Lessee: If lease or contract includes disclosure, otherwise lessor
Leased Trailer 	Lessee: If lease or contract includes disclosure and for pre 1/1/2013 leases lessor allows for modification/exchange of trailers, otherwise lessor

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Disclosure Language for Sale of Tractors and Trailers



“ A heavy-duty tractor and 53-foot or longer box-type trailer operated in California may be subject to the California Air Resources Board Heavy-Duty Vehicle Greenhouse Gas Emission Reduction Measure. **These vehicles may be required to use low-rolling resistance tires and meet aerodynamic equipment requirements to reduce greenhouse gas emissions.** For more information, please visit the California Air Resources Board website at <http://www.arb.ca.gov/cc/hdghg/hdghg.htm>”

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Disclosure Language for Leasing of Tractors



“The lessee of this heavy-duty tractor understands that when using a heavy-duty tractor to pull a 53-foot or longer box type trailer on a highway within California compliant with sections 95300-95311, title 17, California Code of Regulations, and that it is the responsibility of the lessee to ensure this heavy-duty tractor is compliant. **The regulations may require this heavy-duty tractor to have low rolling resistance tires that are U.S. Environmental Protection Agency (U.S. EPA) Verified SmartWay Technologies prior to current or future use in California,** or may entirely prohibit use of this tractor in California if it is a model year 2011 or later tractor and is not a U.S. EPA Certified SmartWay Tractor.”

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Disclosure Language for Leasing of Trailers



“The lessee of this box type trailer understands that when using a heavy-duty tractor to pull a 53-foot or longer box type trailer on a highway within California, the box-type trailer must be compliant with sections 95300-95311, title 17, California Code of Regulations, and that it is the responsibility of the lessee to ensure this box-type trailer is compliant. **The regulations may require this trailer to have low rolling resistance tires and aerodynamic technologies that are U.S. Environmental Protection Agency Verified SmartWay Technologies prior to current or future use in California.**”

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Funding Assistance to Help Comply with the Greenhouse Gas Regulation

- Loan Guarantees are Available to Some Fleets That Would not otherwise qualify
 - Own 20 or fewer trucks
 - Fewer than 100 employees and less than \$10 million in annual revenue
 - Operate more than 50% in California
- Loans Range Between \$5,000 and \$1.5 million
 - Purchase of 2011 or newer SmartWay certified heavy-duty trucks
 - SmartWay approved aerodynamic technologies

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Truck Stop - Online Resource

theTRUCK STOP

All diesel fueled trucks, buses, trailers and transportation refrigeration units operating in California, including those based out of state, have requirements to reduce air pollution and improve the state's overall air quality. For answers to the most commonly asked questions click on our **Frequently Asked Questions**, or call the California Air Resources Board (ARB) Diesel Hotline at 866-6DIESEL (866-634-3735) for more information. Operators are also available to answer questions in Spanish and Purpeh.

Truckstop en Español

Click On Information About Clean Air Requirements:

Truck and Bus Regulation	Tractor Trailer (TT) (GGG)	Transport Refrigeration Units (TRU)	Is there any Savings for my vehicle?	USEFUL LINKS
				Reporting & Registration Menu
				Truck and Bus Monthly
				Tractor Trailer (TT) (GGG) Monthly
				Refuels via TRU (over-the-road)
				Off-Road (DOORS)
				Post Trucks (over-the-road)
				Paralle Equipment (over-the-road)

USEFUL LINKS

Reporting & Registration Menu

Truck and Bus Monthly

Tractor Trailer (TT) (GGG) Monthly

Refuels via TRU (over-the-road)

Off-Road (DOORS)

Post Trucks (over-the-road)

Paralle Equipment (over-the-road)

USEFUL LINKS

Reporting Index

Training

Funding Resources Index

Exhaust Permit Guidance

Factbooks and Brochures

California Truckin' News

Request a speaker

What's New?

Don't miss the fast approaching Tractor Trailer (TT) reporting deadline!

- The reporting deadline for registration is June 1, 2012.

<http://www.arb.ca.gov/msprog/truckstop/truckstop.htm>

www.arb.ca.gov/truckstop
866-6DIESEL or 866-634-3735

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Diesel Hotline

1-866-6-DIESEL
1-866-634-3735



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Reporting for the Small Fleet Phase-In Option

Reporting for the Small Fleet Phase-In Option

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Reporting for the Small Fleet Phase-In Option

How to Register and Report Video

Truck and Bus Regulation

Tractor Trailer (TT) (GGG)

Transport Refrigeration Units (TRU)

Is there any Savings for my vehicle?

USEFUL LINKS

Reporting & Registration Menu

Truck and Bus Monthly

Tractor Trailer (TT) (GGG) Monthly

Refuels via TRU (over-the-road)

Off-Road (DOORS)

Post Trucks (over-the-road)

Paralle Equipment (over-the-road)

USEFUL LINKS

Reporting Index

Training

Funding Resources Index

Exhaust Permit Guidance

Factbooks and Brochures

California Truckin' News

Request a speaker

What's New?

Don't miss the fast approaching Tractor Trailer (TT) reporting deadline!

- The reporting deadline for registration is June 1, 2012.
- The new How to Register and Report Video is available through the following link:

[How to Register and Report Video](#)

What if I missed the first Truck and Bus Regulation reporting deadline? (updated July 11, 2012)

More about how to [California Trucking News](#)

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<http://www.arb.ca.gov/msprog/truckstop/truckstop.htm>

Tractor-Trailer Greenhouse Gas Regulation
How to Register and Report Small Fleets

Registration Reporting

Tractor-Trailer Greenhouse Gas Regulation - Small Fleets

Registration and Reporting for Tractor-Trailer GHG Small Fleets

Hover over the video with your mouse to see the controls and table of contents. If this video does not play, click on the read version.

www.arb.ca.gov/cc/hdghg/hdghg.htm

California Environmental Protection Agency
AIR RESOURCES BOARD

Home Programs Rulemaking Board Meetings Laws & Regulations Data & Statistics Permits, Etc. Events

Tuesday, February 16, 2010
This page last reviewed February 10, 2010

Heavy-Duty (Tractor and Trailer) Greenhouse Gas Regulation

Heavy-Duty Vehicle Greenhouse Gas Emission Reduction Regulation

Fact Sheets Regulation Workshops **Reporting Forms** Training

PROGRAM LINKS

- ARB Programs
 - Cleaner Change
 - Early Action Items
 - Transportation Sector
 - Heavy-Duty Vehicle Greenhouse Gas Measures**
- ARB 32 Overview
- Fact Sheets
- Formal Regulatory Documents
- Overview Presentation
- Contacts
- Join Email List
- Truck Regulations Advisory Committee (TRAC)
- the Truck Stop
- Workshops / Meetings

Background:

The California Air Resources Board (ARB) in December 2008 adopted a new regulation to reduce greenhouse gas emissions by improving the fuel efficiency of heavy-duty tractors that pull 53-foot or longer box-type trailers. Fuel efficiency is improved through improvements in tractor and trailer aerodynamics and the use of low rolling resistance tires.

The regulation is expected to reduce greenhouse gas emissions by approximately 1 million metric tons of carbon dioxide-equivalent by 2020, statewide. Over the 11 years between 2010, when the rule goes into effect, and the end of 2020, it is estimated that truckers and trucking companies will save about \$6 billion when diesel fuel consumption is reduced by as much as 750 million gallons in California and 5 billion gallons across the nation.

What's New

- Free Training Seminars on the Truck and Trailer Regulation and the Tractor and Trailer Greenhouse Gas Regulation (Posted February 9, 2010). Staff has posted dates for a series of public training seminars to discuss the

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TRUCRS Login Screen

California Environmental Protection Agency
Air Resources Board

Truck Regulation Upload, Compliance, and Reporting System (TRUCRS)

Tractor-Trailer GHG Portal
(Click here for the Truck and Box portal)

Currently Accepting Spreadsheet Version: 2.0.01

Tractor/Trailer Greenhouse Gas Regulation

The regulation applies to 53' or longer box-type trailers (dry van and refrigerated van) and tractors that pull them. Fleets with 21 or more box-type trailers may take advantage of a phase-in option by reporting trailer information. Fleets with 20 or fewer box-type trailers have until July 1, 2012 to report. Additionally, the regulation currently requires all 2011 model year tractors that pull 53' or longer box-type trailers and all 2011 model year 53' or longer box-type trailers to be Secureway certified or be retrofit to comply. Fleets that have 2011 model year equipment and qualify for the short haul or local haul exemptions must report information about their 2011 model year equipment now. Reporting of other tractors and trailers within the fleet is not required at this time.

Tractor/Trailer Greenhouse Gas Regulation Home Page

Please log in to enter or view your fleet information after you have requested a TRUCRS account. If you already have a DOORS account, you may use your existing user name and password.

User Name:

Password:

If this is the first time you are reporting with TRUCRS and you do not have a DOORS account, you should first **Request an Account**.

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TRUCRS Request Account

California Environmental Protection Agency
Air Resources Board

Go to Off-Road Diesel Vehicle

Request TRUCRS Account:

Fill in and submit the form below to request an account. After you submit your information, an email will be sent to you with your password for accessing your new account.

On later visits to TRUCRS, please login with your user name and password.

If you have a spam filter, please add our e-mail, TRUCRS@arb.ca.gov, to your contacts list to ensure that you receive all TRUCRS notices from us.

Your name: First Last

Your email address:

Choose a user name:

Telephone: ()

Back to Top | All ARB Contacts | A-Z Index

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TRUCRS Account Request Confirmation

California Environmental Protection Agency
Air Resources Board

Go to Off-Road Diesel Vehicle

Username and password emailed.

You have been sent an email with your password. Please use your username and the password you receive to log in to TRUCRS. Your email was sent to: calepa123@gmail.com. If this address is incorrect you will not receive your password. In which case, please go back and reenter the correct email.

If your email address is correct and you do not receive an email within the next hour, your email server may be filtering it as spam. If you have a spam folder, please check there. If you need help, please contact us at trucs.arb.ca.gov or call us at 1-866-4DIESEL (1-866-634-3735).

Continue Go Back

Back to Top | All ARB Contacts | A-Z Index

TRUCRS Confirmation Email

Truck Regulation Upload, Compliance, and Reporting System (TRUCRS)

trucs@arb.ca.gov to me

Your account has been created in the Truck Regulation Upload, Compliance, and Reporting System (TRUCRS). Your user name is:

calepa123

and your contact password is:

STXXXXXXXX

Please keep this contact email for your files. You may log into https://secure.arb.ca.gov/saltrucs/trucs_reporting/reporting.php now.

Reply Forward

TRUCRS Login

California Environmental Protection Agency
Air Resources Board

Truck Regulation Upload, Compliance, and Reporting System (TRUCRS)

Tractor-Trailer GHG Portal

Tractor/Trailer Greenhouse Gas Regulation

Please log in to enter or view your fleet information after you have requested a TRUCRS account. If you already have a DOORS account, you may use your existing user name and password.

User Name: calepa123

Password: XXXXXXXX

Forgot Password?

Login

Request an Account

TRUCRS Reporting Entity

Reporting Role

Please Respond...

What is your relationship with the fleets you will be reporting for?

- I am the owner, an official, or an authorized employee of the fleet(s).
- I am a contractor.

Proceed

TRUCRS Reporting Entity



California Environmental Protection Agency
Air Resources Board
TRUCRS

Logged in as: calrep123 (Fleet Account) | Log Out
For assistance:
trucrs@arb.ca.gov
or call 1-866-4B-EHELP

Add or Import a Fleet

Please Respond...

Please choose an action:

Add new fleet.

Import an existing fleet from DOORS.

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TRUCRS Add a New Fleet

Add New Fleet | [Return to TRUCRS Fleet List](#)

Complete this form to receive your TRUCRS ID.

Company Agency Information	
Legal Owner Name	<input type="text"/>
Company / Agency Name	<input type="text"/>
Company / Agency Type (optional)	<input type="text"/>
Company / Agency Tax ID (Format: 000-00-0000 or 00-0000000)	<input type="text"/>
Name of Responsible Person	<input type="text"/>
Title of Responsible Person	<input type="text"/>
Parent Company TRUCRS/DOORS ID (if any)	<input type="text"/>
Street Address	<input type="text"/>
Address1	<input type="text"/>
Address2	<input type="text"/>
City	<input type="text"/>
State/Province and Country	CALIFORNIA, UNITED STATES
Zip	<input type="text"/>
Colonia	<input type="text"/>

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TRUCRS Add a New Fleet

Mailing Address		<input type="checkbox"/> Same as street address	
Address1	<input type="text"/>		
Address2	<input type="text"/>		
City	<input type="text"/>		
State/Province and Country	CALIFORNIA, UNITED STATES		
Zip	<input type="text"/>		
Colonia	<input type="text"/>		
Location where records will be kept		<input type="checkbox"/> Same as street address	
Address1	<input type="text"/>		
Address2	<input type="text"/>		
City	<input type="text"/>		
State/Province and Country	CALIFORNIA, UNITED STATES		
Zip	<input type="text"/>		
Colonia	<input type="text"/>		
Motor Carrier Identification Number	Please provide all Carrier ID Numbers that you have. If you don't have one, please enter "NA" on the first line.		
CA Number	<input type="text"/>		
IRP Number	<input type="text"/>		
USDOT Number	<input type="text"/>		
PUC Number	<input type="text"/>		
Other	<input type="text"/>		
CA Number	<input type="text"/>		
CA Number	<input type="text"/>		
To add more Motor Carrier Identification Numbers, please click "Add Line."			
<input type="button" value="Add Line"/>			

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TRUCRS Add a New Fleet

Contact Person			
Name	First	Last	
Company Name	<input type="text"/>		
Phone Number	Area Code	Number (No Dashes)	Extension
Email Address	<input type="text"/>		
Optional Compliance Schedules			
Will your fleet be participating in an optional trailer fleet compliance schedule under the Trailer-Trailer GHG rule?			<input type="text" value="Please Choose..."/>
If yes, please enter trailer fleet size.			
<input type="checkbox"/> By checking this box, I attest that the information above is true and correct.			
<input type="button" value="Add New Fleet"/>			

ARB staff would like to facilitate uploading your fleet data by providing one-on-one assistance as needed. If you have fleet data already in spreadsheet form and need help transferring the data to the required ARB forms, we can assist you. Or, if you need other types of assistance please let us know.

If you would like ARB staff assistance, please email us at trucrs@arb.ca.gov

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TRUCRS Finalize Reporting

TRUCRS Home — Finalize Reporting

To complete the process of reporting, you will need to check the following box confirming that all the information you reported for this fleet is true and correct.

I attest that the information reported is true and correct.

2) Attest to the following statements of understanding, as applicable:

FIVE OWNERS WHO REPORTED FOR THE OPTIONAL TRAILER FLEET COMPLIANCE SCHEDULE:

I, as a trailer fleet owner that has elected to participate in either the Option 1 large fleet compliance schedule (Option 1), the Option 2 large fleet compliance schedule (Option 2), or the small fleet compliance schedule (small fleet), I am reporting that I have elected to participate in the optional compliance schedule and will comply with the requirements of the regulation. I am reporting that I have elected to participate in the optional compliance schedule and will comply with the requirements of the regulation. I am reporting that I have elected to participate in the optional compliance schedule and will comply with the requirements of the regulation. I am reporting that I have elected to participate in the optional compliance schedule and will comply with the requirements of the regulation. I am reporting that I have elected to participate in the optional compliance schedule and will comply with the requirements of the regulation.

On this page, you will need to confirm that all data reported for this fleet is true and correct. Your reporting will be considered incomplete until all the data has been confirmed by completing the steps on this page.

By checking this box, I attest that the information reported is true and correct.

Please Enter Name Here

Please Enter Phone Number Here

Finalize All Changes

Truck Regulation Update, Compliance, and Reporting System (Last Updated April 19, 2012)

www.arb.ca.gov/cc/hdghg/hdghg.htm Reporting Required

California Environmental Protection Agency
Air Resources Board

Home | Reducing Air Pollution | Air Quality | Business Assistance | Laws & Regulations | Health

Heavy-Duty (Tractor-Trailer) Greenhouse Gas Regulation

This page last reviewed June 21, 2012

Heavy-Duty Vehicle Greenhouse Gas Emission Reduction Regulation

Fact Sheets & Presentation | Regulation & Advisories | Workshops/Meetings | Reporting Forms | Training

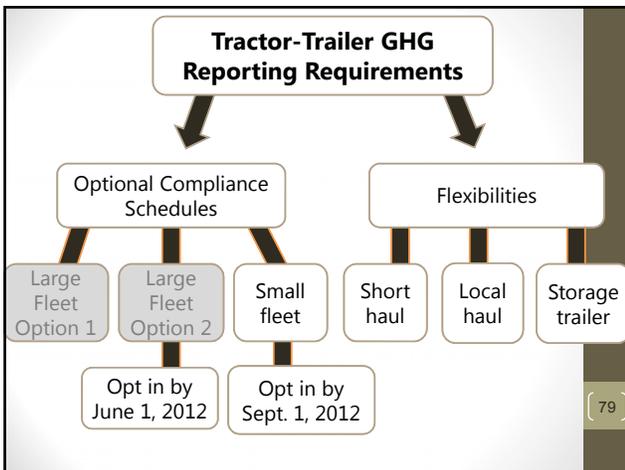
Background:

The California Air Resources Board (ARB) in December 2008 adopted a new regulation to reduce greenhouse gas emissions by improving the fuel efficiency of heavy-duty tractors that pull 53-foot or longer box-type trailers. Fuel efficiency is improved through improvements in tractor and trailer aerodynamics and the use of low rolling resistance tires.

The regulation is expected to reduce greenhouse gas emissions by approximately 1 million metric tons of carbon dioxide-equivalents by 2020, statewide. Over the 11 years between 2010, when the rule goes into effect, and the end of 2020, it is estimated that tractors and trucking companies will save about \$5.6 billion when diesel fuel consumption is reduced by as much as 750 million gallons in California and 5 billion gallons across the nation.

The tractors and trailers subject to this regulation must use U.S. Environmental Protection Agency SmartWaySM certified tractors and trailers, or retrofit their existing fleet with SmartWay verified technologies. For further information, please call 866-6DEISEL (866-634-3735) or email at 866deisel@arb.ca.gov. Financial assistance is available through an ARB loan program and the Federal SmartWay Finance Program. More information can also be found at the federally-funded Diesel Emissions Reduction National Program (DERA).

Reporting Overview Video



Next Steps? (continued)



Enforcement FAQ's

- **How will the Tractor-Trailer Greenhouse Gas Regulation be enforced?**
 - The Tractor-Trailer Greenhouse Gas Regulation will be enforced in several ways. There will be field inspectors doing enforcement at CHP weigh stations and other random roadside locations, distribution centers, fleet facilities, truck stops and locations where trucks are present. In addition, fleets will be randomly selected or through a complaint be requested to provide documentation that their fleet is in compliance with the regulation.

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Enforcement FAQ's

- **When will you begin enforcing the Tractor-Trailer Greenhouse Gas Regulation?**
 - As they become effective.
- **Can I get a ticket today?**
 - Yes, if not in compliance.
- **How much is the fine?**
 - Penalties can be up to \$1000 per violation per day, though mitigating circumstances may reduce the total penalties, or increase the penalties up to \$10,000 per day for egregious violations.

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General FAQ's

- **How much do aerodynamic technologies cost?**
 - Aerodynamic technologies range in cost depending on the manufacturer and type of technology purchased. Generally, the cost is anywhere from \$1000-\$2000 for these SmartWay verified aerodynamic technologies. Relative to a non-fitted, regular baseline trailer, a SmartWay designated trailer used with a fully-aerodynamic profile, high-roof tractor and integrated roof fairing and side fairings achieves six and a half percent or greater reduction in fuel consumption. All trailer equipment must be maintained per manufacturer's service recommendations or replaced if necessary.

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GHG Regulation Page

www.arb.ca.gov/cc/hdghg/hdghg.htm

For More Information...

On-Road Heavy Duty Diesel Section

DIESEL HOTLINE:
 - (866) 6-DIESEL (866-634-3735)
 - Email: 8666diesel@arb.ca.gov

the TRUCK STOP Web Address:
<http://www.arb.ca.gov/msprog/truckstop/truckstop.htm>

Heavy-Duty Vehicle Greenhouse Gas (Tractor-Trailer GHG) Emission Reduction Regulation
 Web Address: <http://www.arb.ca.gov/cc/hdghg/hdghg.htm>
 Listserv: <http://www.arb.ca.gov/listserv/hdghg.htm>
 SmartWay Program Information: <http://epa.gov/smartway/>

Truck and Bus Regulation

Applicability

- Diesel trucks and buses operating in California
 - Greater than 14,000 pounds gross vehicle weight rating (GVWR)
 - Interstate, intrastate, international, and other
- Any person, business, or government agency who owns, leases, rents, or sells a vehicle in California
- California based brokers and dispatchers
- Excludes most vehicles subject to other in-use regulations

Applicability Continued

- Excludes:
 - Emergency vehicles (CA Veh. Code section 165)
 - Military tactical vehicles
 - Personal use motor homes
 - Personal use pickup trucks \leq 19,500 lbs.. GVWR
 - Historic vehicles (CA Veh. Code section 5004)
- Excludes most vehicles subject to other in-use regulations:
 - Two engine vehicles (except two engine street sweepers)
 - Local and state government owned vehicles
 - 1960-2006 MY solid waste collection vehicles
 - Public urban buses/transit fleet vehicles
 - Private utility vehicles until 2021



2010 Engine Technology by 2023

What is 2010 MY Engine Technology?

- Cleanest for Particulate Matter (PM) - 0.01 g/bhp-hr
- Oxides of Nitrogen (NO_x) – 0.2 g/bhp-hr



2010 Engine Technology by 2023

Why 2010 Engine Technology?

- Diesel PM is a toxic air contaminant
 - Causes serious health threats (cancer, heart disease, lung disease and birth defects), and reduces visibility
- NO_x contributes to smog (ozone)
 - Harmful to human health (inflamed lung tissue, aggravates bronchitis, causes eye/nose/throat irritation), reduces visibility, and reduces crop yields

2010 Engine Technology by 2023

Light



Heavy



GVWR

The gross vehicle weight rating (GVWR) is assigned by the vehicle manufacturer and represents the maximum weight of the vehicle and what it can carry when fully loaded. The GVWR includes the weight of the vehicle itself plus fuel, passengers, cargo, and trailer tongue weight. The label that identifies the GVWR is typically located on the driver's door post. The GVWR is not the same as the unladen weight, gross combined weight rating, or registered weight rating.



2010 Engine Technology by 2023

Light

14,001 – 26,000
lbs.. GVWR

Heavy

26,001 lbs.. GVWR
and greater



Light Trucks

2010 Engine Technology by 2023

Compliance
Schedule

Credits

Special
Provisions

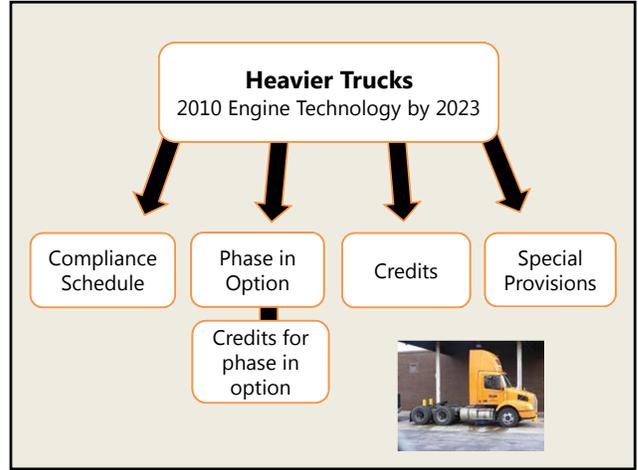
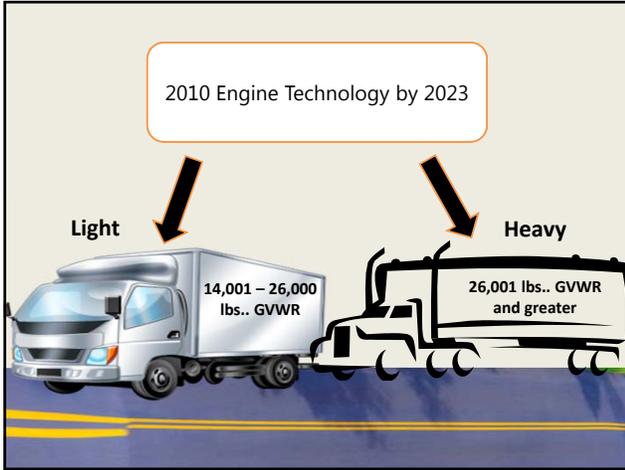


Light Trucks

Compliance Schedule

Schedule for Lighter Trucks and Buses

Engine Year	2010 MY Engine
1995 and older	January 1, 2015
1996	January 1, 2016
1997	January 1, 2017
1998	January 1, 2018
1999	January 1, 2019
2003 and older	January 1, 2020
2004-2006	January 1, 2021
2007-2009	January 1, 2023



Heavier Trucks
Compliance Schedule

Schedule for Heavier Trucks and Buses

Engine Year	PM Filter	2010 MY Engine
Pre-1994	Not required	January 1, 2015
1994-1995	Not required	January 1, 2016
1996-1999	January 1, 2012	January 1, 2020
2000-2004	January 1, 2013	January 1, 2021
2005 or newer	January 1, 2014	January 1, 2022
2007-2009	Already equipped	January 1, 2023

An arrow points from the title 'Heavier Trucks Compliance Schedule' down to the table.

Heavier Trucks
Phase In Option

Phase In Option for Heavier Trucks

Compliance Date	Vehicles w/ PM Filters
January 1, 2012	30%
January 1, 2013	60%
January 1, 2014	90%
January 1, 2015	90%
January 1, 2016	100%

An arrow points from the title 'Heavier Trucks Phase In Option' down to the table.

Truck and Bus Reporting



TRUCRS - Truck Regulation Upload, Compliance and Reporting System

Reporting Basics

- Create New Account
- Add a new owner (new fleet)
 - Basic Company Information
 - Contact Information
 - Permit Numbers
- Add a new vehicle
 - Vehicle/Engine Information
 - Credits/Special Provisions/Exemptions/Extensions

Do I Need To Report?

- No reporting for fleets following the engine model year compliance schedule unless flexibility is required
 - Reporting is not typically required for lighter vehicles with a GVWR from 14,001-26,000 lbs
- **March 30, 2012**
 - Small fleets with heavier 1996-1999 model year engines
 - PM filter phase in option & associated credits
 - Low mileage construction trucks
- Certificate of reported compliance

The Reporting Deadline Has Passed!

Now what do I do?

- March 30 reporting deadline has passed, you should still report now per the regulatory requirements (some credits/extensions may not be available)
- ARB's Enforcement Division can exercise discretion in how the regulation is implemented and may take into consideration a good faith effort

www.arb.ca.gov/dieseltruck

The screenshot shows the California Air Resources Board (ARB) website. The main heading is 'Truck and Bus Regulation' and 'On-Road Heavy-Duty Diesel Vehicles (In-Use) Regulation'. Below this, there are several navigation buttons: 'Fact Sheets', 'Regulation', 'Compliance Tool', 'Reporting', 'Training', and 'Exhaust Retrofits'. The 'Reporting' button is circled in red. The page also includes a 'Background' section with text about the regulation's history and a 'PROGRAM LINKS' section with links to 'Background', 'Currently Verified Technologies', and 'Diesel Exhaust Retrofits'.

Truck and Bus Reporting Webpage

Truck and Bus Regulation Reporting
Truck Regulations Upload and Compliance Reporting System (TRUCRS)

This page last reviewed June 29, 2012

[Report Online](#) [Check Status](#)

The regulation will reduce diesel exhaust emissions from privately owned and federal government diesel trucks and buses. Privately and publicly owned school buses have different requirements and do not need to be reported.

What do I do if I missed the March 30, 2012 reporting deadline?
 The regulation requires that you meet the Basic Engine Model Year Schedule requirements. There are other compliance options in the regulation that may give you more time to meet the requirements of the regulation if reported by March 30. Although the March 30 deadline has passed, you should still report per the regulatory requirements as soon as possible. ARB can exercise discretion in how we implement the regulation, and may take into consideration a good faith effort in determining compliance.

System Requirements
 We recommend that you use Microsoft Explorer or Mozilla Firefox to login and create an account. Other web browsers may not be compatible. Download Microsoft Internet Explorer or Mozilla Firefox.

Short Videos
 • [How to Create a New User Account Online \(6 min\) \(Español\)](#)

Form 112b 2012 Truck & Bus Regulation Vehicle Information Form
 Complete one form for each vehicle

If you have previously reported your owner information, provide the TRUCRS ID and you don't need to fill the Owner Information. Check the appropriate box below when updating information about the vehicle in your fleet or removing vehicles from fleet. If you are reporting for the first time, attach owner information form and complete sections A, B, & C for each vehicle. **TRUCRS ID**

Add vehicle (Enter Date if added after January 1, 2012) Date _____

Remove reported vehicle (if removed after January 1, 2012) Date _____

Update annual mileage for previously reported vehicles

Section A - Vehicle Information

Vehicle Identification Number	Vehicle Year	Vehicle Model Year	Vehicle Model Year
Vehicle Manufacturer	Vehicle Type	Year of Registration	Annual Registration Fee (Including Annual License)
Engine Manufacturer	Engine Model Year	Engine Model Year	Engine Model Year
Model Year Manufacturer	Model Year Model Year	Model Year Model Year	Model Year Model Year

Was vehicle registered to fleet on October 1, 2009? Yes No

Is manufacturer's gross vehicle weight rating greater than 26,000 lbs? Yes No

Fuel Type: Check One Diesel CNG/LNG Propane Fuel Efficient Hybrid? Diesel Other

Identify Type of PM filter? None Original equipment (2007 model year engines or newer) Retrofit

If public funds were used to pay all or part of the cost of the vehicle, engine or retrofit PM filter, then complete the dates for the funding contract period.

Section B - Retrofit PM Filter (VDECS) Information

State Part #	State Part #	More than one PM filter?
Manufacturer Company Name	Manufacturer City, State, Country	PM filter installed to comply with another California regulation?
Part Code	Part Number	Retrofit PM filter was installed prior to July 1, 2011, or was ordered with at least a 20% deposit paid prior to May 1, 2011, and installed prior to October 1, 2011

Section C - Applicable Provision (Select only one, if applicable)

NOx Exempt Area Operation Low Use (1,000 miles per year)

Manufacturer Delay Non-operational (1,000 miles per year)

Log Truck Phase-in Option Low Mileage Construction (Miles per Month 1-12)

Agricultural Vehicle Extension Date (MM/DD/YYYY)

Truck and Bus Reporting Webpage

Truck and Bus Regulation Reporting
Truck Regulations Upload and Compliance Reporting System (TRUCRS)

This page last reviewed June 29, 2012

[Report Online](#) [Check Status](#)

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Short Videos
 • [How to Create a New User Account Online \(6 min\) \(Español\)](#)

Create a New Account

- User Name
- Password
- Confirm Password
- Email
- First Name
- Last Name
- Phone Number

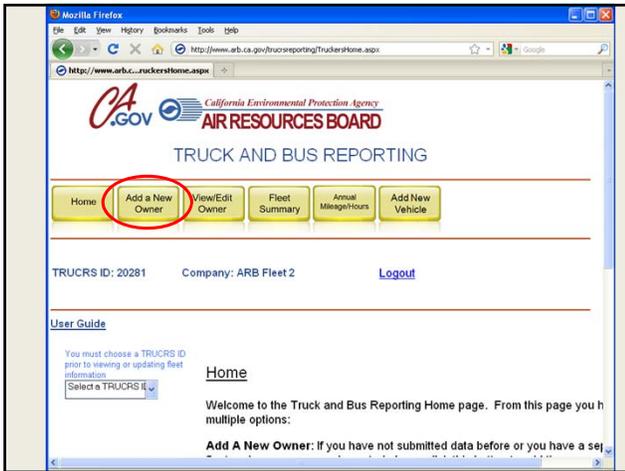
User Name: _____

Password: _____

Remember me next time.

[Create A New Account](#)

[Forgot Your Password?](#)



How to Create a New Owner

- Basic company information
- Subsidiary, affiliate, or division information
- Responsible official and contact information
- Permit numbers
- Additional information
 - Farming/AG business?
 - Contractor?
 - Small fleet?

COMPANY INFORMATION
Enter the company information. Fields with an * are required.

BASIC COMPANY INFORMATION

Person / Company / Business Name *

Tax Identification Number *

Doing Business as (DBA)

MAILING ADDRESS

Address 1 *

Address 2

City *

State - Country *

Zip Code *

SUBSIDIARY, AFFILIATE, OR DIVISION INFORMATION

Is the Company a Subsidiary, Affiliate or Division of a Corporation or Other Entity? * Yes

Name of corporate parent *

Corporate parent taxpayer ID *

Corporate address

Address 1 *

Address 2

City *

State - Country *

Zip Code *

RESPONSIBLE OFFICIAL AND CONTACT PERSON

Responsible Official First Name *

Responsible Official Last Name *

Responsible Official Title *

Responsible Official Phone Number (numbers only ex: 9165551212) *

Responsible Official Email Address

Contact Person First Name *

Contact Person Last Name *

Contact Person Email Address

Contact Person Phone Number (numbers only ex: 9165551212) *

PERMIT NUMBERS

Report all of the following numbers that apply:

Motor Carrier (USDOT)

California Carrier Identification (CA)

International Registration Plan (IRP) License Plate

Public Utilities Commission (PUC)

ADDITIONAL INFORMATION

Is this a farming business? * Select

Does this business hold a current license from the Contractors State License Board? * Yes

If this business holds a current Contractors license, enter the license number here *

Are you claiming downsize credits for this fleet? Select

Are you claiming credits for early addition of newer vehicles? Select

If claiming credits generated from the off-road equipment regulation, how many are being claimed? Select

Does this fleet have 3 or fewer vehicles with a GVWR above 14,000 lbs? Select

[Save Company Information](#)

Small Fleet Provision

“Fleet Size” means the total number of diesel vehicles with a GVWR greater than 14,000 lbs. in a fleet, regardless of whether the vehicles operate in California, that are under common ownership or control even if they are part of different subsidiaries, divisions, or other organizational structures of a company or agency.



Small Fleet Provision

3 or fewer trucks
> 14K GVWR

Delays PM filters for
heavier trucks
2014 - 2016

Must report

Must meet engine model
year schedule starting
January 1, 2020



How to View/Edit Owner Information

A screenshot of the ARB Truck and Bus Reporting website. The page title is "TRUCK AND BUS REPORTING". The navigation menu includes "Home", "Add a New Owner", "View/Edit Owner", "Fleet Summary", "Annual Mileage/Hours", and "Add New Vehicle". The "View/Edit Owner" button is circled in red. Below the navigation menu, the user is logged in as "Company: ARB Fleet 2" with a "Logout" link. A "User Guide" section is visible at the bottom, with a "Home" link and a "Welcome to the Truck and Bus Reporting Home page. From this page you have multiple options:" message.

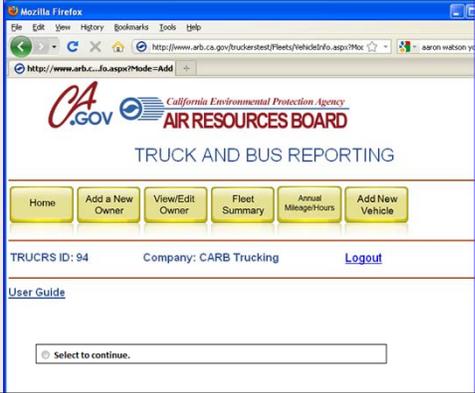
How to add a new vehicle

- Vehicle Information (Page 1 of 2)
- 2006 baseline fleet – option no longer available
- Vehicle information
- Engine information
- Retrofit PM filter information
- Public funding information

VEHICLE INFORMATION

Enter the vehicle information. Fields with an * are required. Enter information about diesel engine vehicles with a GVWR more than 26,000 lbs. Only enter information about diesel vehicles with a GVWR from 14,001 to 26,000 lbs if claiming credits for early retrofits or taking advantage of exemptions or provisions that apply to lighter vehicles. Complete Section A for vehicles that were in your fleet on 10/31/2006 but are no longer in your fleet. Complete Section B and any other sections that apply for vehicles currently in the fleet.

How to add a new vehicle



How to add a new vehicle

Vehicle Information

Select to continue.

CURRENT FLEET INFORMATION

Fields with an * are required. Enter information about diesel engine vehicles with a GVWR more than 26,000 lbs. Only enter information about diesel vehicles with a GVWR from 14,001 to 26,000 lbs if claiming credits for early retrofits or taking advantage of exemptions or provisions that apply to lighter vehicles.

VEHICLE INFORMATION

Vehicle Identification Number (VIN) *	<input type="text"/>
Owners' Vehicle ID	<input type="text"/>
Vehicle Model Year *	Select
Vehicle Manufacturer *	Select
Vehicle Model	<input type="text"/>
Vehicle Type *	Select
Registration Type *	Select
License Plate Number (Required if Licensed) *	<input type="text"/>
State or Province and Country of Registration (Required if Registered) *	Select
Is the Manufacturer's Gross Vehicle Weight Rating more than 26,000 lbs *	Select
Date added to fleet. (MM/DD/YYYY)	<input type="text"/>
Was this Vehicle in your fleet on October 1, 2006? *	Select

How to add a new vehicle

Engine Information

ENGINE INFORMATION

Engine Family Number *	<input type="text"/>
Engine Manufacturer *	Select
Engine Model	<input type="text"/>
Engine Model Year *	Select
Fuel Type *	Select
Does the engine have an Originally Equipped Manufacturer's PM Filter? (2007 Model Year Engines And Newer) *	Select
Does the engine have a Retrofit PM Filter? *	Yes

Where is the ECL located?



How to add a new vehicle

(must have already reported for phase in option)

Engine Information

Credit for Alternative Fueled/Hybrid Vehicles

Delays the requirements for another vehicle in your fleet until January 1, 2017

Alternative fueled vehicles are not subject to the regulation but must be reported to use credits

How to add a new vehicle

Retrofit PM Filter (VDECS) Information

RETROFIT PM FILTER (VDECS) INFORMATION

Enter retrofit PM filter information for vehicles with a GVWR more than 26,000 lbs. Only enter PM filter information about vehicles with a GVWR from 14,001 to 26,000 lbs if claiming credits for early retrofits or taking advantage of exemptions or provisions that apply to lighter vehicles.

If a retrofit PM filter (Verified Diesel Emissions Control Strategy) is installed answer the questions in the section below.

VDECS Manufacturer *

VDECS Family Name *

VDECS Serial Number *

Date Installed * (MM/DD/YYYY)

Installer Company Name *

Installer City *

Installer State / Province and Country *

Has more than one VDECS been installed?

Select
Select

Credit for Early PM Retrofit

Retrofit any truck by 2014 delays upgrade until 2020

Must report by January 31, 2014

When is this beneficial?



Credit for Early PM Retrofit

Schedule for Heavier Trucks and Buses

Engine Year	PM Filter	2010 MY Engine
Pre-1994	Not required	January 1, 2015
1994-1995	Not required	January 1, 2016
1996-1999	January 1, 2012	January 1, 2020
2000-2004	January 1, 2013	January 1, 2021
2005 or newer	January 1, 2014	January 1, 2022
2007-2009	Already equipped	January 1, 2023

Credit for Early PM Retrofit

Filters on all heavy and/or all light trucks by 2014 delays 2010 upgrade until 2023

Filters on ALL heavy trucks that operate in CA by January 1, 2014

No exemptions such as low use, ag, etc.

Don't forget to report by January 31, 2014

How to add a new vehicle

Public Funding

PUBLIC FUNDING

If you received public funds towards the purchase of a vehicle, an engine replacement that is equipped with a PM filter, or for a retrofit with a PM filter, the emissions reductions cannot count towards compliance with the regulation until the contract period expires, and may not be used for extra credits to delay compliance for another vehicle in the fleet. Refer to the funding program contract and guidelines

If public funds were used to pay all or part of the vehicle, engine, what was the beginning date of the contract period? (MM/DD/YYYY)

If public funds were used to pay all or part of the vehicle, engine, what was the end date of the contract period? (MM/DD/YYYY)

[Click to Save and Continue \(Next Page\)](#)

Credits, Special Provisions, Extensions and Exemptions

Continue Vehicle Information (Page 2 of 2)

Section A: Credit for early PM retrofit before 7/1/2011*

Section B: Log Truck Option

Section C: Agricultural Vehicle Extension*

Section D: Two-Engine Sweeper Auxiliary Engine

Section E: NOx Exempt Area Exemption

Section F: Low Use Exemption

Section G: Manufacturer Delays

Section H: Low-Mileage Construction Trucks*

*still available for edits for those fleets that reported by the March 30, 2012 deadline

Section B: Log Truck Option

Log Truck Provision

Must exclusively haul logs

10% per year beginning 2014

Upgrade to 2010 engine technology

Report by January 31, 2014

Label required

AG



Section B: Log Truck Option

Log Truck Option

January 1	2010 engines
2014	10%
2015	20%
2016	30%
2017	40%
2018	50%
2019	60%
2020	70%
2021	80%
2022	90%
2023	100%

Single Truck Owner Upgrade to 2010 engine technology in 2018



Section B: Log Truck Option

SECTION B - LOG TRUCK OPTION

This section is for reporting information about log trucks that will use the log-truck phase-in option. The number of log-trucks that are eligible for the log-truck phase-in option are limited to the number of trucks in the fleet as of January 1, 2009 with a GVWR greater than 14,000 lbs.

Was this vehicle registered to this fleet on January 1, 2009?

Select

Is this truck included in the log truck phase-in option?

Select

Note: Must report for the log truck option when reporting is first required for your fleet

Section C: Agricultural Vehicle Extension

Agriculture Extension

Must have reported by **April 29, 2011**



Delays compliance requirements until 2017 or 2023

Replacement AG vehicles must be reported to ARB

AG

Low use/limited use/farmer owned specialty vehicles

Combination of replacement & original vehicle mileage must stay below threshold

Must report mileage **annually** January 31st & label

Replacement engine must be at least one MY newer than original engine

Section C: Agricultural Vehicle Extension

SECTION C - AGRICULTURAL VEHICLE EXTENSION

This section is for replacing vehicles already using the agricultural vehicle extension. The opt-in period for the agricultural vehicle extension is closed to new fleets and no additional trucks can be added. Remove an existing vehicle before a replacement truck can be added (see Fleet Summary)

Enter the date the vehicle was placed in service in your fleet *

Agricultural Limited Mileage Vehicles

Is this vehicle replacing a mileage limited agricultural vehicle (low/limited)?

Select

Odometer reading (if hub-odometer, supply serial number below) *

Hub-odometer serial number

Odometer reading date * (MM/DD/YYYY)

ADDITIONAL INFORMATION

Is this a farming business? *

Select

Does this business hold a current license from the Contractors State License Board? *

Select

Are you claiming downside credits for this fleet?

Select

Are you claiming credits for early addition of newer vehicles?

Select

If claiming credits generated from the off-road equipment regulation, how many are being claimed?

Select

Does this fleet have 3 or fewer vehicles with a GVWR above 14,000 lbs?

Select

Save Company Information

Section D: Two-Engine Sweeper Auxiliary Engine

Street Sweeper Requirements

Auxiliary Engines 50 HP and greater must meet PM BACT at the same time as main engine is cleaned up

Tier 0 auxiliary engines 50 HP and greater

Max 450 hours per year until 2014, 100 hours per year thereafter

Initial reporting **March 2010**, must report annually January 31

Section D: Two-Engine Sweeper Auxiliary Engine

SECTION D - TWO-ENGINE SWEEPER AUXILIARY ENGINE

Auxiliary Engine Manufacturer *

Auxiliary Engine Model Year *

Auxiliary Engine Family Number *

If this two-engine sweeper has a Tier 0 auxiliary engine, complete the hour-meter reporting below.

Hour-meter Reading

Reading Date (MM/DD/YYYY)

Section E: NO_x Exempt Area Operation

NO_x Exempt

Vehicles operated exclusively in NO_x exempt counties

No replacement if PM filter installed 2014-2016

Must report by January 31, 2014



Label - 3" white letters
5"X 8" black background

NE

Section E: NO_x Exempt Area Operation

Alpine, Colusa, Del Norte, Glenn, Humboldt, Lake, Lassen, Mendocino, Modoc, Monterey, Northern Sonoma, Plumas, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz, Shasta, Sierra, Siskiyou, Trinity, Tehama, Yuba



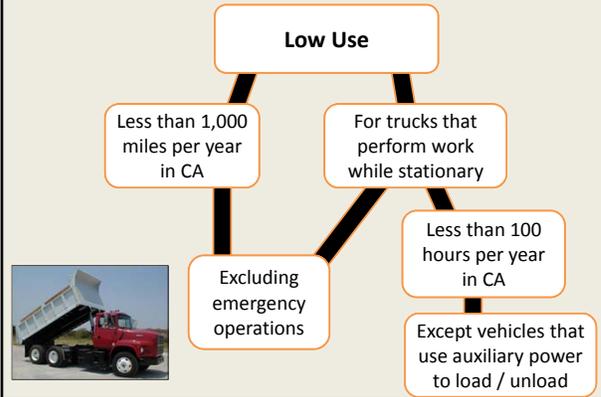
Section E: NO_x Exempt Area Operation

SECTION E - NOx EXEMPT AREA OPERATION

Vehicles operated exclusively in NOx exempt areas are eligible for a 2 year delay from the PM filter requirements, and are exempt from any replacement requirements if equipped with a PM filter.

Will this vehicle be operated exclusively in the NOx Exempt areas? (must be labeled or tracked electronically)

Section F: Low Use Exemption



Section F: Low Use Exemption

SECTION F - LOW USE EXEMPTION

Vehicles that operate less than 1000 miles per year in California are exempt from the emissions reduction requirements. Vehicles that use engine power or PTO to perform work while stationary such as a drill, an auger, or a boom must also operate less than 100 hours per year. Vehicles that use engine power while stationary solely to load and unload the vehicle or trailer do not need to report hours.

Is this vehicle using the low-use vehicle exemption? If yes, complete the odometer/hour-meter reporting information below

Odometer reading (if hub-odometer, supply serial number below) *

Hub-odometer Serial Number

Odometer reading date * (MM/DD/YYYY)

Is this vehicle non-operational and parked? (0 miles in the year)

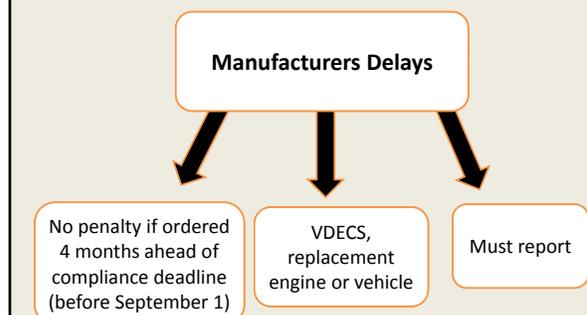
Hour-meter reading (required with PTO)

Hour-meter reading date (required with PTO) (MM/DD/YYYY)

Annual Miles used in emergency operations

Annual Hours used in emergency operations

Section G: Manufacturer Delays



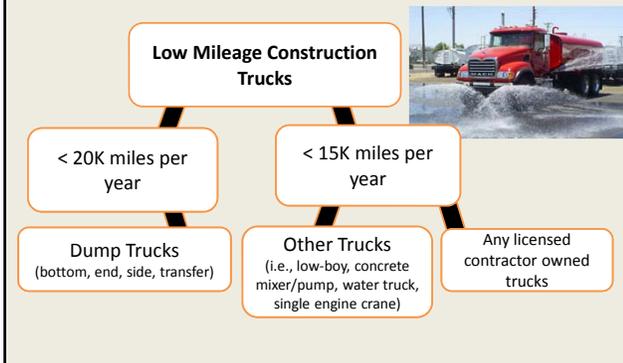
Section G: Manufacturer Delays

SECTION G - MANUFACTURER DELAYS	
Will this vehicle use the extension for a manufacturer delay?	Select <input type="text"/>
Date new VDECS, engine, or vehicle ordered * (MM/DD/YYYY)	<input type="text"/>
Date new VDECS, engine, or vehicle installed or placed into service (MM/DD/YYYY)	<input type="text"/>
RETROFIT PM FILTER (VDECS) INFORMATION	
Enter retrofit PM filter information for vehicles with a GVWR more than 26,000 lbs. Only enter PM filter information about vehicles with a GVWR from 14,001 to 26,000 lbs if claiming credits for early retrofits or taking advantage of exemptions or provisions that apply to lighter vehicles.	
If a retrofit PM filter (Verified Diesel Emissions Control Strategy) is installed answer the questions in the section below.	
VDECS Manufacturer *	<input type="text"/>
VDECS Family Name *	<input type="text"/>
VDECS Serial Number *	<input type="text"/>
Date installed * (MM/DD/YYYY)	<input type="text"/>
Installer Company Name *	<input type="text"/>
Installer City *	<input type="text"/>
Installer State / Province and Country *	Select <input type="text"/>
Has more than one VDECS been installed?	Select <input type="text"/>

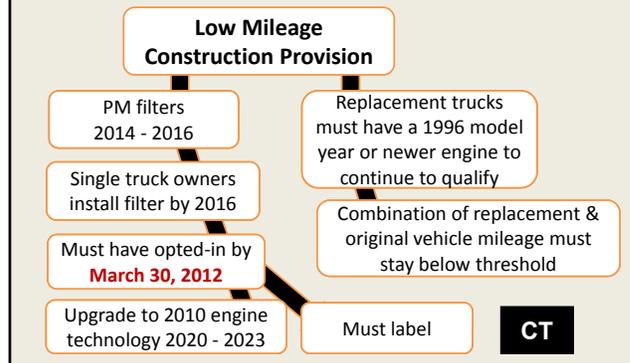
No Technology Available

- Annual extension for no VDECS available
 - Based on evaluation of no technology available
- Request must be filed with ARB 4 months before the compliance deadline
- By January 1, 2018 the vehicle must be replaced with a vehicle that meets PM BACT

Section H: Construction Trucks – Must have reported by March 30, 2012 deadline



Section H: Construction Trucks – Must have reported by March 30, 2012 deadline



Section H: Construction Trucks

Must have reported by March 30, 2012 deadline

SECTION H - LOW-MILEAGE CONSTRUCTION TRUCKS

Fleets may use up to 10 low-mileage construction truck extensions starting January 1, 2012, and can apply now for additional trucks to be approved for the extension. Any additional trucks approved for the extension takes effect starting January 1, 2013.

Is this truck being used as part of the construction truck extension, if yes complete the odometer reading reporting below

Is this truck being used as part of the construction truck extension, if yes complete the odometer reading reporting below

Odometer /Hub-odometer Reading *

Hub-odometer Serial Number

Reading Date * (MM/DD/YYYY)

Annual Miles used in emergency operations

Enter priority for approval if more than 10 trucks are eligible (1 = highest)

Click to Save **Click to Return to Page 1**

ADDITIONAL INFORMATION

Is this a farming business? *

Does this business hold a current license from the Contractors State License Board? *

Are you claiming downside credits for this fleet?

Are you claiming credits for early addition of newer vehicles?

If claiming credits generated from the off-road equipment regulation, how many are being claimed?

Does this fleet have 3 or fewer vehicles with a GVWR above 14,000 lbs?

Save Company Information

Fleet Summary

Mozilla Firefox

http://www.arb.ca.gov/trucksreporting/TruckerHome.aspx

California Environmental Protection Agency
AIR RESOURCES BOARD

TRUCK AND BUS REPORTING

Home Add a New Owner View/Edit Owner **Fleet Summary** Annual Mileage/Hours Add New Vehicle

TRUCRS ID: 20275 Company: ARB Fleet [Logout](#)

[User Guide](#)

You must choose a TRUCRS ID

Fleet Summary

FLEET SUMMARY - VEHICLES CURRENTLY IN YOUR FLEET

Remove Edit	VIN	License Number	Owners Vehicle ID	Model Year	Manufacturer	Provision(s)	In Fleet 2006	Report Status
Remove Edit	1HTA18EXBHA1XXXX	5406XX	C0181	1981	INTERNATIONAL	Low-Use		Complete
Remove Edit	1HTSCABN1X97XXXX	9D16XXX	DD0199	1999	INTERNATIONAL		Yes	Incomplete
Remove Edit	1HTA18EXBHA1XXXX	4705XX	T0181	1981	INTERNATIONAL	Manufacturer Delay	Yes	Complete
Remove Edit	1FDTA654XX1234567	N/A	TO211	2011	FREIGHTLINER	Hybrid/Air Fuel Credit		Complete

FLEET SUMMARY - VEHICLES IN YOUR FLEET IN 2006 AND NOT CURRENTLY IN YOUR FLEET

Remove Edit	VIN	Vehicle Model Year	Engine Model Year	Engine Family Number	In Fleet 2006	Report Status
Remove Edit	1NKDLA9X9XU81XXXX	1999	1999	WDDXH12XXXX	Yes	Complete

Remove Vehicle From Fleet

California Environmental Protection Agency
AIR RESOURCES BOARD

TRUCK AND BUS REPORTING

Home Add a New Owner View/Edit Owner Fleet Summary Annual Mileage/Hours Add New Vehicle

TRUCRS ID: 94 Company: CARB Trucking [Logout](#)

[User Guide](#)

Remove a Vehicle From Your Fleet

Vehicle VIN: 1HTSCABN1X97XXXX

Fleet Owner's Vehicle ID: DD0199

Vehicle License: 9D16XXX

Vehicle Manufacturer: INTERNATIONAL

Vehicle Model Year: 1999

Fields with an * are required.

Date removed from your fleet (date, e.g. 01/01/2010) *

Remove Vehicle

Add Vehicle(s) Back to Fleet

FLEET SUMMARY - VEHICLES CURRENTLY IN YOUR FLEET
No vehicles found for this fleet

FLEET SUMMARY - VEHICLES IN YOUR FLEET IN 2006 AND NOT CURRENTLY IN YOUR FLEET

Remove	Edit	VIN	Vehicle Model Year	Engine Model Year	Engine Family Number	In Fleet 2006	Report Status
		1NKDLA9XJ81XXXX	1999	1998	WDDXH12XXXX	Yes	Complete

Vehicles Removed from Your Fleet

FLEET SUMMARY - VEHICLES REMOVED FROM YOUR FLEET

	VIN	License Number	In Fleet 2006	Model Year	Manufacturer	Provision(s)	Date Removed from Fleet	Report Status
Add Back to Fleet	1NKDLA9XJ81XXXX		Yes	1999				Complete
Add Back to Fleet	1TSCABNDXH67XXXX	9D16XXX	Yes	1999	INTERNATIONAL		11/30/2011	Incomplete

Edit Vehicle(s)

FLEET SUMMARY - VEHICLES CURRENTLY IN YOUR FLEET
No vehicles found for this fleet

FLEET SUMMARY - VEHICLES IN YOUR FLEET IN 2006 AND NOT CURRENTLY IN YOUR FLEET

Remove	Edit	VIN	Vehicle Model Year	Engine Model Year	Engine Family Number	In Fleet 2006	Report Status
		1NKDLA9XJ81XXXX	1999	1998	WDDXH12XXXX	Yes	Complete

Click to View Vehicles removed from your Fleet

Edit Vehicle(s)

SECTION D
RETROFIT PM FILTER (VDECS) INFORMATION
Enter retrofit PM filter information for vehicles with a GVWR more than 26,000 lbs. Only enter PM filter information about vehicles with a GVWR from 14,001 to 26,000 lbs if claiming credits for early retrofits or taking advantage of exemptions or provisions that apply to lighter vehicles.
If a retrofit PM filter (Verified Diesel Emissions Control Strategy) is installed answer the questions in the section below.

VDECS Manufacturer * Huss
 VDECS Family Name * CAHUS8/2006PM3N00GNDPF
 VDECS Serial Number * 123456789
 Date installed * (MM/DD/YYYY) 02/25/2011
 Installer Company Name * Acme Filters, Inc.
 Installer City * Sacramento
 Installer State / Province and Country * California-USA
 Has more than one VDECS been installed? No

SECTION E
PUBLIC FUNDING
If you received public funds towards the purchase of a vehicle, an engine replacement that is equipped with a PM filter, or for a retrofit with a PM filter, the emissions reductions cannot count towards compliance with the regulation until the contract period expires, and may not be used for extra credits to delay compliance for another vehicle in the fleet. Refer to the funding program contract and guidelines.
If public funds were used to pay all or part of the vehicle, engine, what was the beginning date of the contract period? (MM/DD/YYYY)
 If public funds were used to pay all or part of the vehicle, engine, what was the end date of the contract period? (MM/DD/YYYY)
[Click to Save and Continue \(Next Page\)](#)

Annual Mileage/Hours

http://www.arb.ca.gov/et/odometer.aspx

CA.GOV California Environmental Protection Agency
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TRUCK AND BUS REPORTING

Home Add a New Owner View/Edit Owner Fleet Summary **Annual Mileage/Hours** Add New Vehicle Logout

TRUCKS ID: 94 Company: CARB Trucking Logout

User Guide

Report Annual Odometer, Hub-odometer or Hour-meter readings

Report annual readings for:
 * 2 engine street sweepers with Tier 0 auxiliary engines.
 * Agricultural low-mileage vehicles.
 * Low-use vehicles.
 * Construction vehicles.

You will need to report annual readings as of January 1st of each year for these vehicles.
 AG Fleets Only - to see your previous odometer readings, click here: [View AG Odometer Readings](#)

Row Number	VIN	License	Model Year	Manufacturer	Model	Provision(s)	Odometer Reading	Hub serial Number	Hour-meter Reading	Annual Miles	Annual Hours	Reading Date
1	1HTAAE9E9H4SXXXX	5405XX	1981	INTERNATIONAL	55000	Low Use						

[Save Mileage Information](#)

Enforcement

- *Illegal to operate vehicle that is out of compliance in the state*
- January 1, 2012
 - Scales, truck stops, border crossings, random roadside locations, audits
 - Complaint line: **1-800-END-SMOG**
- Penalties
 - \$300 to \$1000 ED will take into account mitigating circumstances
 - \$1000/day for subsequent violations

Truck & Bus Reporting Summary

- General Requirements
- How to report in TRUCRS
 - Create new account
 - Create new fleet
 - Add vehicles
 - Regulatory flexibilities (credits, extensions, exemptions)
- (866) 6DIESEL - (866) 634-3735
- 866diesel@arb.ca.gov
- trucrs@arb.ca.gov – T&B TRUCRS Questions