

FACTS ABOUT

Compliance Information for Large Fleets of 53-Foot Trailers*Tractor-Trailer Greenhouse Gas Regulation*

The California Air Resources Board (ARB) approved the Tractor-Trailer Greenhouse Gas regulation to significantly reduce greenhouse gas emissions produced by certain heavy-duty tractor-trailers. The regulation requires the use of United States Environmental Protection Agency SmartWay verified aerodynamic technologies and low rolling resistance (LRR) tires on vehicles operating on California highways. The regulation also provides exemptions and delayed compliance deadlines for certain refrigerated trailers, along with phase-in options and credit for early compliance.

Who is affected by the regulation?

This regulation applies to all 53-foot or longer box-type trailers, including both dry-van and refrigerated-van trailers operating in California, and the heavy-duty tractors that pull them.

How does the regulation define a large fleet?

A large fleet is any fleet operating 21 or more trailers. Fleets with 20 or fewer trailers are small fleets.

What does the regulation require of fleets, and when will the requirements take effect?

This regulation applies to all affected vehicles operating on California highways, regardless of where they are registered. Owners of tractors subject to the regulation must either purchase new SmartWay certified tractors or retrofit existing tractors with low rolling resistance tires. Owners of trailers subject to the regulation must either purchase new SmartWay certified trailers or retrofit existing trailers with SmartWay verified aerodynamic technologies and low rolling resistance tires. Below are the required technology and compliance deadlines for affected tractors and trailers.

Tractor Requirements:

Affected Tractors*	Requirements	Compliance Date
2011 MY and newer HD sleeper cab tractors	SmartWay Certified (no retrofit available)	January 1, 2010
2011 MY and newer HD day cab tractors	LRR tires only	January 1, 2010
All 2010 or older MY HD tractors (including sleeper and day cabs)	LRR tires only	January 1, 2013

* That pull 53-foot or longer box-type trailers in California MY – model year HD – heavy duty LRR – low rolling resistance

Trailer Requirements:

Affected Trailers*	Requirements	Compliance Date
2011 MY and newer dry vans	SmartWay Certified or retrofitted with LRR tires + 5% fuel saving aerodynamic technologies	January 1, 2010
2011 MY and newer refrigerated vans	SmartWay Certified or retrofitted with LRR tires + 4% fuel saving aerodynamic technologies	January 1, 2010
2010 or older MY box-type trailers	SmartWay Certified or retrofitted with 5%/4% fuel saving aerodynamic technologies	January 1, 2013
	SmartWay verified LRR tires	January 1, 2017
2003-2004 MY refrigerated van trailers	SmartWay Certified or retrofitted with LRR tires + 4% fuel saving aerodynamic technologies	January 1, 2018
2005-2006 MY refrigerated van trailers	SmartWay Certified or retrofitted with LRR tires + 4% fuel saving aerodynamic technologies	January 1, 2019
2007-2009 MY refrigerated van trailers	SmartWay Certified or retrofitted with LRR tires + 4% fuel saving aerodynamic technologies	January 1, 2020

*Applies to 53-foot or longer box-type trailers in California MY – model year LRR – low rolling resistance

Information about specific SmartWay verified technologies is available from the U.S. EPA website at: <http://www.epa.gov/smartway/technology/index.htm>.

Are there special compliance opportunities for large fleets?

Large fleets may take advantage of special compliance opportunities for their pre-2011 model year trailers. While all 2011 and newer model year trailers must comply as of January 1, 2010, large fleets can choose to phase-in compliance of their 2010 and older model year trailers with the aerodynamic technology requirements of the regulation as shown in the table below using a large fleet compliance schedule. There are two optional compliance schedules for large fleets – Option 1 and Option 2. Each requires a certain percentage of trailers to be brought into compliance each year. Participants in Option 1 must have registered with ARB by July 1, 2010 to take advantage of this option, while fleets choosing Option 2 must register by June 1, 2012. The compliance schedules below identify the total percentage of trailers in a large fleet that must meet the aerodynamic technology requirements for each of the phase-in years for both options. The low rolling resistance tire requirements for 2010 and older model year trailers are not included in the compliance schedules; the tire requirements for these trailers must be met no later than January 1, 2017.

Large Fleet Compliance Schedule*

Must Comply Before January 1 of:		2011	2012	2013	2014	2015	2016
% of Fleet That Must Comply	Option 1	5%	15%	30%	50%	75%	100%
	Option 2	--	20%	40%	60%	80%	100%

*Applies to 2010 and older model year 53-foot or longer box-type trailers that travel in California

What must be included in the Large Fleet Compliance Plan?

The plan for large fleets must include the following: statement of intent, trailer fleet list, large fleet base number and base list, the annual conformance number for all affected trailers that will operate in California during the phase-in years between 2010 and 2016, and the early compliance option report, if applicable. The trailer fleet list identifies all trailers that are part of the fleet. The fleet base list identifies all affected trailers that will operate in California. The annual conformance number must identify how many trailers will be brought into compliance for each of the phase-in years, according to the percentage requirements identified in the previous table. The early compliance option report identifies which trailers were in compliance before January 1, 2010, and which will be brought into compliance before January 1, 2017.

Where and when should I submit the Compliance Plan?

Plans must be submitted by the required deadline(s) either electronically via our website at https://ssl.arb.ca.gov/ssltrucrs/trucrs_reporting/reporting.php#content, or by mail to:

Air Resources Board

Attn: ORHDD Section
9480 Telstar Avenue, Suite 4
El Monte, California 91731

Large fleets must have submitted a Plan by July 1, 2010 for Option 1, and must submit a Plan by June 1, 2012 for Option 2.

Will incentive funding be available to help large fleets?

Fleets may be eligible for financing through the following programs:

ARB Heavy-Duty Vehicle Air Quality Loan Program at: www.arb.ca.gov/ba/loan/on-road/on-road.htm

SmartWay Finance Program at: <http://www.epa.gov/smartway/financing/index.htm>

SmartWay Clean Diesel Finance Center at: <http://www.epa.gov/cleandiesel/prgfinance.htm>

Where can I find more information about the regulation?

Fact sheets, compliance tools, and regulatory documents are available at www.arb.ca.gov/cc/hdghg/hdghg.htm or by calling ARB's diesel hotline at (866) 6DIESEL (634-3735). You may also obtain this document in an alternative format by contacting ARB at: (916) 323-9075 (voice); (916) 324-9531 (TDD, Sacramento area only); or (800) 700-8326 (TDD, outside Sacramento). TTY/TDD/Speech-to-Speech users may dial 711 for the California Relay Service.