

FACT SHEET

Fleet Rule for Transit Agencies Transit Fleet Vehicle Requirements

title 13, California Code of Regulations, sections 2020, 2023, 2023.2 & 2023.4

Purpose Reduce public exposure to diesel particulate matter (PM) and nitrogen oxide (NOx) emissions from Transit Fleet Vehicles.

What is a Transit Fleet Vehicle? On-road vehicles operated by a public transit agency, less than 35' in length and 33,000 gross vehicle weight rate (GVWR), but greater than 8,500 GVWR, powered by heavy-duty engines fueled by diesel or alternative fuel; including service vehicles, tow trucks, dial-a-ride buses, paratransit buses, charter buses, and "commuter service" buses operated only during peak commute hours with 10 or fewer stops per day. Gasoline-powered TFVs are exempt.

PM Reduction Regulation A transit agency shall make percentage reductions in the total diesel PM emissions of its diesel transit fleet vehicles (TFV) relative to its January 1, 2005, total TFV fleet diesel PM baseline by the dates shown below.

NOx Reduction Regulation A transit agency shall not operate transit fleet vehicles with a NOx fleet average exceeding specified levels by the dates shown below.

| Emissions Compliance Deadlines ⁽¹⁾ | Dec. 31, 2007 | Dec. 31, 2010 |
|---|--------------------|--------------------|
| PM (reduction from 1/1/2005 baseline) | 40% | 80% |
| NOx (grams/bhp-hr) | 3.2 ⁽²⁾ | 2.4 ⁽³⁾ |

(1) Non-Compliance may be subject to civil penalties as specified in state law and regulations

(2) 1997 and earlier model year engines may be retired by 12/31/2007 to comply with this requirement

(3) 2001 and earlier model year engines may be retired by 12/31/2010 to comply with this requirement

A Transit Agency Must Report TFVs owned, operated or under contract to a transit agency every January 31st, starting in 2006.

To Obtain Emission Reductions:

- **Use Alternative Fuels** Compressed natural gas (CNG), propane (LPG), ethanol, methanol, gasoline (when used in hybrid electric buses), hydrogen, electricity, fuel cells, or advanced technologies that do not rely on diesel fuel, can be used to reduce PM and NOx emissions to meet the compliance deadlines.
- **Retrofit, Repower or Replace** Diesel Emissions Control Strategies (DECS), e.g., verified Diesel Particulate Filters (DPF) or verified fuels such as PuriNOx, may be installed or used on TFVs; or repowering and replacing TFVs with engines that meet 2007 heavy-duty engine exhaust emission standards may be performed.

Public Transit Agencies website: <http://www.arb.ca.gov/msprog/bus/bus.htm>
TFV Fleet Rule Regulations: <http://www.arb.ca.gov/regact/bus04/bus04.htm>
DECS Verification: <http://arb.ca.gov/diesel/verdev/home/home.htm>