

Fleet Rule for Transit Agencies



Implementation Update

November 2006

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Retrofit Implementation Section**

California Environmental Protection Agency



Air Resources Board

Today's Presentation

- 2005 Changes to the Regulation
- Actions for 2007
- Reports Required January 31, 2007



2005 Changes

- Transit Fleet Vehicle Requirements
 - adopted February 24, 2005
 - effective January 31, 2006
- Urban Bus Requirements
 - amended September 15, October 21, and October 27, 2005
 - effective October 7, 2006

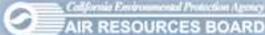
Transit Fleet Vehicle Requirements

“Transit Fleet Vehicle” means a vehicle greater than 8,500 (lbs) GVWR, powered by heavy-duty engine fueled by diesel or alternative fuel, owned or operated by a transit agency, and which is not an urban bus.

“Commuter Service Bus”

Defined as Transit Fleet Vehicle if:

- Powered by a heavy HD diesel engine or of a type normally powered by a heavy HD diesel engine
- Operates on a fixed route primarily during peak commute hours
- No passenger-initiated stops
- No more than 10 stops per day, excluding Park-and-Ride lots.



TFV Compliance Deadlines

Date	% PM reduction from baseline	Fleet NOx Average
January 1, 2005	0%	na
December 31, 2007	40%	3.2 or retire 1997 and earlier MY
December 31, 2010	80%	2.4 or retire 2001 and earlier MY



Extensions

- Financial Hardship
 - Section 2023(e)
 - <30 in transit fleet (both UB and TFV)
- Unavailability of Technology for PM
 - Section 2023(f)
- Delay of Implementation for PM
 - Section 2023(g)
 - <20 in transit fleet in 1 hour Ozone attainment

Transit Fleet Vehicles Only

- Extension
 - Service Contracts: Apply to Executive Officer for up to 1 year delay for the termination of equipment or equipment and service contracts defined by FTA: vehicle lease, maintenance/lease, turnkey
- Exemption
 - Low Usage Vehicle: non-revenue with <1000 miles per year usage

Urban Bus 2005 Amendments

**SCAQMD Alt Path Req.
Urban Bus Engine Stds.**

SCAQMD Alt Path Requirement

- Alternative Fuel Path is Mandatory in South Coast
- Effective October 7, 2006
- Follow Alternative Fuel Path PM and ZEB Deadlines
- SCAQMD is Enforcing Rule 1192

SC Transit Agencies Affected

Alternative Fuel Path

Commerce
Culver City
Foothill
Glendale
L.A. MTA
L.A. DOT
Omnitrans
Orange County
Riverside
Santa Monica
Sun Line

Alternative Path as of October 2006

Gardena
Long Beach
Montebello
Norwalk
Santa Clarita
Torrance

2007 Urban Bus Engine Standard

- Urban Bus Certification Still Required
- Align With 2007 Truck HHD Std
– Section 1956.8

Diesel Path 2007 MY Purchasing Requirement

- Diesel Path Agencies With >30 Urban Buses
- One-to-one Requirement for Each 2007 to 2009 MY Engine Purchased Certified Above 0.2 g NOx
- One NOx Retrofit for Each New Purchase
 - 40%+ NOx reduction if available; otherwise 25%
 - Limited to available vehicles within transit agency

Actions Required in 2007 By Transit Agencies

Diesel PM Reductions

- 2007 PM Requirements
 - January 1 for Urban Buses
 - 85% for Diesel Path
 - 60% for Alternate Path
 - January 1, 2002 PM Baseline
 - December 31 for Transit Fleet Vehicles
 - 40% Reduction
 - January 1, 2005 PM Baseline

NOx Reductions

- 2007 Requirements
 - Transit Fleet Vehicles
 - December 31
 - 3.2 g/bhp-hr Fleet Average, or
 - Retire pre-1998

Reports Due in 2007

Annual Reporting

- Annual Report Due 1/31/2007
- Separate report for Urban Buses and TFV:
 - Number, engine mfr & make, engine model year for all engines in buses, and fuel used as of 1/1/2007

Reporting Requirements (continued)

Urban Bus:

- Fleet PM Total as of 1/1/2007
- Alternative Fuel Path: Percentage of Alt. Fuel Buses Purchased or Leased
- Alternative NOx Strategy Transit Agencies
 - Provide update of compliance plan

Reporting Requirements (continued)

Transit Fleet Vehicle:

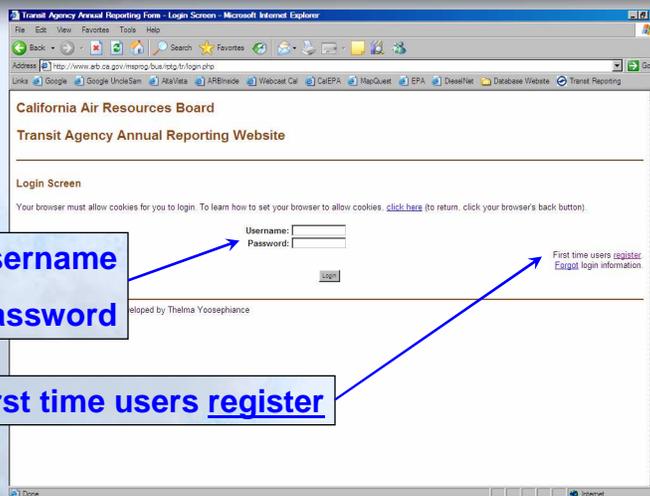
- Provide Update of Compliance Plan to Meet 12/31/07 NOx Requirement, if Changed

New Reporting Process

- Simplify Process
 - Starting January 31, 2007 report
 - Web based (live December 1, 2006)
 - Field edits and drop-down menus
- Update Existing Report Information
- First Time Reporting
- PM and NOx Average Calculated

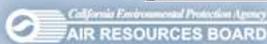


Log-in Screen



Username
Password

First time users register



Create Personal Username and Password

California Air Resources Board
Transit Agency Annual Reporting Website

Create Username and Password

Agency Information
Agency Name: [] If your agency is not listed, [click here](#).

Login Information: * are required fields

Username: * [] Confirm: * []
Password: * [] Confirm: * []
Email Address: * [] Confirm: * []

Save

Username
Password
Email

Select agency name from drop-down box

New transit agencies click here to register

California Environmental Protection Agency
AIR RESOURCES BOARD

Register Agency Name

California Air Resources Board
Transit Agency Annual Reporting Website

Agency Registration

Agency Information (* required fields)

Agency * [] Status * Active []

Address * [] Number * [] PreDirection [] Street Name * [] PostDirection [] Suffix * [] Suite []

Zipcode * []

County * []
City * []
Air District * []
Air Basin * []

Save

Agency name, and address

Select county, city, air district and air basin from drop-down boxes

Air Resources Board - Site developed by Thelma Yooosphiance

California Environmental Protection Agency
AIR RESOURCES BOARD

Annual Report New Format

Annual Reporting - Agency Registration

Agency Information (click to edit information)

Agency Name: Humboldt Transit Authority
 Address: 123 W. St.
 Suite/Bldg:
 City: Eureka, CA 95501
 County:
 Air District:
 Fuel Path: Diesel
 Status:

Contact Information (click to edit information)

Salutation: Mr.
 First Name: Jim
 Last Name: Wilson
 Title:
 Phone: (707) 443-0020
 Extension: 5
 Email Address: jim@hta.org

Bus ID	Disposition	Category	Eng Mfr	Eng Model	Bus MY	Eng MY	Fuel	DECS Family	DECS Serial No.	DECS Install Date
Edit	A	T	Cummins	ISB 5.9	2004	2002	D			
Edit	A	T	Cummins	ISB 5.9	2004	2002	D			
Edit	A	T	International	7.3	1997	1997	D			
Edit	A	T	International	7.3	2002	2002	D			
Edit	A	U	Cummins	ISB	2003	2002	D			
Edit	A	U	Cummins	ISB	2003	2002	D			
Edit	A	U	Cummins	ISM	2002	2002	D			
Edit	A	U	Cummins	ISM	2002	2002	D			

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Annual Report New Format (cont)

DECS retrofit info.

Bus ID	Disposition	Category	Eng Mfr	Eng Model	Bus MY	Eng MY	Fuel	DECS Family	DECS Serial No.	DECS Install Date
Edit	A	T	Cummins	ISB 5.9	2004	2002	D			
Edit	A	T	Cummins	ISB 5.9	2004	2002	D			
Edit	A	T	International	7.3	1997	1997	D			
Edit	A	T	International	7.3	2002	2002	D			
Edit	A	U	Cummins	ISB	2003	2002	D			
Edit	A	U	Cummins	ISM	2002	2002	D			
Edit	A	U	Cummins	ISM	2002	2002	D			
Edit	A	U	Cummins	ISM	2004	2004	D			
Edit	A	U	Cummins	ISM	2004	2004	D			
Edit	A	U	DDC	S60	1994	1998	D			
Edit	A	U	DDC	S50	1996	1996	D			
Edit	A	U	DDC	S60	1996	1996	D			
Edit	A	U	DDC	S60	1998	1998	D			
Edit	A	U	DDC	S50	1998	1998	D			
Edit	A	U	DDC	S50	2000	2000	D			
Edit	A	U	DDC	S60	2000	2000	D			

PM and NOx Reductions
 (Reductions will appear here after clicking the calculate button on the right.)

Submit Annual Report

California Environmental Protection Agency
AIR RESOURCES BOARD

Contact Information

Reporting on Website:

www.arb.ca.gov/msprog/bus/bus.htm

Thelma Yoosephiance

(626) 350-9550; tyooseph@arb.ca.gov



General Contact Information

ARB Website :

www.arb.ca.gov/msprog/bus/bus.htm

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A presentation slide with a blue header and a light blue background with a cloud pattern. The text is centered and in a dark blue font. The header contains the title "Join E-Lists". The main body contains the text "Subscribe to 'bus-tfv' or 'bus-ub' lists", followed by "ARB Listserver Website:" and the URL "www.arb.ca.gov/listserv/listserv.php". In the bottom left corner, there is a logo for the California Environmental Protection Agency and the text "AIR RESOURCES BOARD".

Join E-Lists

Subscribe to "bus-tfv" or "bus-ub" lists

ARB Listserver Website:
www.arb.ca.gov/listserv/listserv.php

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