

Proposed On-Road Heavy-Duty Diesel Vehicle Regulation

What School Bus Fleets Need to Know



CASTO School Transportation Business Management Forum
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Overview of School Bus Requirements

- Proposed School Bus Requirements
- Summary of Recent Modifications
- Funding Opportunities
- Contacts and Questions

Proposed School Bus Requirements

- School Buses must meet PM requirements only
- 3 Compliance Options beginning 12/31/2010
 - Option 1: BACT Schedule - Milestones based on engine model year; or
 - Option 2: PM BACT Percentage Limits - 25% of fleet each year; or
 - Option 3: PM Fleet Average
- Exemptions for:
 - Historic school buses
 - Low-use operation
- Reporting requirements except Compliance Option 1



Summary of Recent Modifications Affecting School Buses

- Option 1 compliance deadlines
 - Newest model years comply by end of 2010
 - Oldest model year comply by end of 2013
- Buses that can not be retrofitted may delay compliance until end of 2017
- 2-stroke buses newer than 1987 eligible for replacement funding under Lower-Emission School Bus Program with AB 923 funds

Compliance Option 1

School Bus BACT Compliance Schedule

Compliance Deadline As of December 31	Engine Model Year
2010	2000 and newer
2011	1994 - 1999
2012	1987 - 1993
2013	Pre-1987

Note: Exemption delay until 2017 if engine is not retrofittable, reporting requirement only.

Compliance Option 2

School Bus PM BACT Percent Limits

Compliance Deadline As of December 31	Percent of Fleet to be in Compliance
2010	25
2011	50
2012	75
2013	100

Compliance Option 3

School Bus PM Fleet Average

Compliance Deadline As of December 31	Fleet PM Targets (g/mile)	
	MHD	HHD
2010	0.38	0.710
2011	0.29	0.530
2012	0.17	0.320
2013	0.06	0.110

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

Funding Opportunities

- Lower-Emission School Bus Program
- CDE Small School District School Bus Replacement Program
- Air district funds
- Other sources



Contacts

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Link to the Statewide Truck and Bus Page
<http://www.arb.ca.gov/msprog/onrdiesel/onrdiesel.htm>

QUESTIONS?