



In-Use Off-Road Diesel Vehicle Regulation

This page updated September 5, 2007.

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Documents and Files

(All documents are provided in Adobe Acrobat (PDF) unless otherwise indicated.)	
◆	<p>Request for Informal Feedback on Revised Regulatory Language: At the July 26, 2007, Air Resources Board meeting, the Board directed staff to make several modifications to the In-Use Off-road Diesel Vehicle regulation, in addition to the changes staff had proposed. The following memorandum provides draft regulatory language implementing the Board's direction. To view the memorandum: Go there</p>
◆	<p>Revised Proposed Regulatory Language: On July 25, 2007, ARB staff proposed additional changes to the proposed In-Use Off-road Diesel Vehicle regulation, which was initially published on April 5, 2007 and revised on May 23, 2007. These additional changes were adopted by the Board on July 26, 2007. The changes are included in the "Revised Proposed Regulatory Language" document. Go there See top page July 25th posting.</p>
◆	<p>Notice of staff's suggested changes to the Proposed Regulation for In-Use Off-Road Diesel Vehicles: ARB staff proposed several modifications to the proposed In-Use Off-Road Diesel Vehicle regulation, which was initially published on April 5, 2007. The suggested modifications were presented to and considered by the Air Resources Board on Friday, May 25, 2007. These modifications are contained within the "Staff Suggested Changes to be Presented at Board Hearing" document. Go there</p>
◆	<p>Statewide Off-road Regulatory Cost / Benefit Model: An updated version the Statewide Off-road Regulatory Cost/Benefit Model has been automated to evaluate multiple fleets in a single program. The model is a Visual Basic module that runs within an Access database and utilizes Access queries. The model is described in detail in Appendix H of the April 2007 Technical Support Document. The zipped file is approximately 15 MB, the uncompressed file is approximately 60 MB but will substantially increase in size as it is used. The output of this model only includes equipment capital costs. [NOTE: This model is computationally intensive and may exceed the limits of a computer's operating system depending on how many vehicles are run.] Go there</p> <p>Statewide Off-Road Costs Spreadsheet: This spreadsheet uses the output from the Statewide Off-Road Regulatory Cost / Benefit Model to calculate total statewide costs. These include reporting, maintenance, and other costs. Go there</p>
◆	<p>Fleet Average Calculators (Revised 5/04/07): The Fleet Average Calculators are Excel files designed to assist fleet owners calculate a fleet's Fleet Average and Fleet Average Targets, based on the equipment model year and horsepower input. The calculators allow fleets to experiment with different turnover, repower, and retrofit strategies to understand what the proposed in-use off-road diesel vehicle regulation would require. There is one calculator for large / medium fleets and one for small fleets. Small fleets are municipalities and small businesses with less than or equal to 1,500 horsepower total of affected vehicles.</p> <p>For the Medium / Large fleets calculator Go there. (ARB staff would like to clarify how to enter data for large or medium fleets with more than 50 vehicles. To keep the file size manageable for downloading, staff only provided space for entering 50 vehicles. Fleets with more than 50 vehicles should insert the appropriate number of rows above Row 68 (the red shaded row), then fill down all formulas, and then enter their fleet data.)</p> <p>For the Small fleets calculator. Go there</p>

	(Contact Elizabeth Yura at eyura@arb.ca.gov with questions.)
♦	Table of off-road engine PM and NOx emission factors by model year and horsepower. These emission factors are for calculating PM and NOx fleet averages. ♦ Go there
♦	Combined ARB and U.S. EPA standards for off-road compression ignition engines. ♦ Go there
♦	Statistics on Responses to Off-Road Equipment (In-Use) Survey (as of 2/15/2006):
	Total On-Line Survey Submittals: 318
	Total Hard Copy Survey Submittals: 233
	Total Responses to Survey: 551
♦	Letter from the ARB to mine owners and operators in California. ♦ Go there
♦	Letter from the ARB to solid waste and recycling facilities in California. ♦ Go there
♦	Reliability of DPF-Systems: Experience with 6000 Applications of the Swiss Retrofit Fleet. ♦ Go there
♦	Letter to 79,000 California Licensed Contractors. ♦ Go there
♦	City of Houston Diesel Field Demonstration Project. ♦ Go there
♦	New York City Construction Ordinance. ♦ Go there
♦	Health Effects of Particulate Matter and Ozone Air Pollution. ♦ Go there
♦	Swiss Clean Air Ordinance for Construction. ♦ Go there
♦	California Public Fleet Heavy-Duty Vehicle and Equipment Inventory (TIAX Report)
	Report 709 KB
	Appendix A (Excel - 156 KB)
	Appendix B (Excel - 100 KB)
	Appendix C Files
	ARB Cover Letter 832 KB
	TIAX Cover Letter 64 KB
	Vehicle Survey Form (Excel - 20 KB)

[Off-Road Equipment \(In-Use\) Control Measure](#)

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