

RECENT RULEMAKING IN THE UNITED STATES

Transmitted by the Expert from the United States of America

Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel sulfur

- The purpose of the rule is to reduce oxides of nitrogen (NO_x) and particulate matter (PM) in urban areas. Heavy-duty trucks and buses today account for about one-third of NO_x and one-quarter of PM emissions from mobiles sources.
- PM emission standard of 0.01 grams per brake-horsepower-hour (g/bhp-hr) in 2007
- NO_x standard of 0.20 g/bhp-hr phased in between 2007 and 2010
- Non-methane hydrocarbon (NMHC) standard of 0.14 g/bhp-hr also phased in
- Highway diesel fuel must be produced with no more than 15 parts per million beginning June 1, 2006
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Advanced Notice for Non-road Engines and Highway Motorcycles

- EPA seeks early input on standards for
 - Industrial spark-ignition engines rated above 19 kW (forklifts and generators)
 - Recreational gasoline vehicles (snowmobiles and off-road motorcycles)
 - Recreational marine diesel engines and sterndrive and in-board gasoline engines
 - Highway motorcycles
 - Emissions from these engines together account for about 11 percent of HC emissions, 9 percent of CO emissions and 3 percent of NO_x emissions from mobile sources
 - The notice asks for comment on
 - Available technologies and costs
 - Timing and level of new standards
 - Test procedures for measuring emissions from vehicles and engines
 - Compliance programs, including production-line and in-use testing
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Template: C:\Program Files\Microsoft Office\Templates\Normal.dot
Title:
Subject:
Author: UNECE
Keywords:
Comments:
Creation Date: 14/01/01 12.07
Change Number: 2
Last Saved On: 14/01/01 12.11
Last Saved By: UNECE
Total Editing Time: 4 Minutes
Last Printed On: 15/01/01 12.06
As of Last Complete Printing
 Number of Pages: 1
 Number of Words: 230 (approx.)
 Number of Characters: 1,314 (approx.)