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

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