



New Mexico Environment Department

PROTECTING OUR ENVIRONMENT, PRESERVING THE ENCHANTMENT

Air Quality Bureau

Air Quality Rule for Diesel-Fueled Commercial Vehicle Idling

The purpose of the draft proposed rule, 20.2.89 NMAC - *Idling Limitations for Diesel-Fueled Commercial Vehicles*, is to reduce greenhouse gas and other air pollution emissions from idling of heavy-duty diesel trucks in the jurisdiction of the New Mexico Environment Department's Air Quality Bureau, which is all of New Mexico except for Bernalillo County and Tribal lands. As directed by Executive Order 2006-69, *New Mexico Climate Change Action*, the Air Quality Bureau is tasked with developing rules and guidance for truck stop electrification and anti-idling capability by mid-2008.

Will this rule apply to me?

If you are the owner or operator of a diesel-fueled commercial truck with a gross vehicle weight rating of 16,001 pounds or greater and operating in New Mexico, the rule will apply, regardless of the state or country where the vehicle is registered.

Why is it important to reduce idling of heavy duty diesel trucks?

Emissions from idling heavy-duty diesel vehicles pose a significant threat to air quality and human health. Idling emissions are particularly significant at truck stops, travel centers, rest areas, warehouses and distribution centers, where loading and unloading freight may require long waiting periods. These locations can experience a high number of trucks idling simultaneously for extended periods of time. Diesel emissions can affect respiratory health and well-being of drivers, truck stop and warehouse personnel, and neighboring communities.

Everybody Wins!

Reduction of idling results in better air quality and health, as well as direct monetary benefits for truck owners and operators. When idling, a typical diesel commercial truck uses an estimated one gallon of fuel per hour. A 75% reduction in idling can result in approximate fuel cost savings of \$4,050 per year. In addition, idling increases wear on the engine, increases need for maintenance, and reduces overall fuel mileage.

Benefits to New Mexico's citizens and environment include:

- * Reduces highly respirable diesel particulate matter (92% less than 1 micron).
- * Reduces emissions of oxides of nitrogen, an ozone precursor.
- * Reduces emissions of carbon dioxide, a greenhouse gas.
- * Reduces more than 40 toxic carcinogenic and mutagenic substances found in diesel exhaust.
- * Improves public health.
- * Conserves fuel and reduces dependency on foreign oil.

For more information regarding the proposed rule:

Go online to <http://www.nmenv.state.nm.us/aqb/ghg/Idling.htm>, or contact Bob Spillers at NMED's Air Quality Bureau at (505) 955-8046 or robert.spillers@state.nm.us