

Fact Sheet

November 2007

Control Measure for Diesel Engines Used in Agricultural Operations



Feather River Air Quality Management District

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California Air Resources Board Actions

The **California Air Resources Board (CARB)** recently adopted amendments to two Airborne Toxic Control Measures. Both of these measures include provisions that affect diesel engines used in agricultural operations. The following is a brief description of the measures:

Airborne Toxic Control Measure for Stationary Compression Ignition Engines (Stationary ATCM)

- At a public hearing on November 16, 2006, the California Air Resources Board approved amendments to the Stationary ATCM adding emissions requirements for in-use diesel engines used in agricultural operations. This measure was subsequently approved by the California Office of Administrative Law on September 18, 2007 and became effective on October 18, 2007.
- The Stationary ATCM establishes emission limits and registration requirements for in-use and new ag. engines greater than 50 hp.
 - Uncontrolled (primarily pre-1996) engines will be required not to exceed Tier 3 or Tier 4 new Off-Road Compression Ignition Engine Certification Standards for particulate matter (PM) by no later than the 2011-2012 timeframe.
 - Engines meeting a Tier 1 or Tier 2 standard will be required not to exceed Tier 4 standards for PM by no later than the 2015-2016 timeframe, or 12 years after initial installation, whichever occurs later.
 - In special cases, engines located within ¼ mile of a residential area, hospital, or school will be required to meet additional requirements.
 - In most cases, compliance with the regulation will require that uncontrolled, Tier 1, and Tier 2 engines be replaced by the dates specified in the Stationary ATCM.
 - The Stationary ATCM requires that all owners of affective engines submit applications to their local air quality management district such that they can be registered or permitted as required by the district by March 1, 2008.
 - For More information: <http://www.arb.ca.gov/diesel/ag/inuseag.htm>

Airborne Toxic Control Measure for Diesel Particulate Matter From Portable Engines Rated at 50 Horsepower and Greater (Portable ATCM)

- At a public hearing on June 29, 2007, the CARB finalized amendments to the Portable ATCM. The measure was subsequently approved by the California Office of Administrative Law on September 12, 2007 and became effective on the same day.
 - The Portable ATCM requires that by January 1, 2010 all portable Diesel engines greater than 50 hp meet at least a Tier 1 Off-Road Compression Ignition Engine Certification Standard. All non-certified portable engines will no longer be able to operate in California.
 - The Portable ATCM will also require all portable engine fleets to meet progressive PM emission fleet averages starting in 2013.
 - For more information: <http://www.arb.ca.gov/diesel/peatcm/peatcm.htm>

Feather River Air Quality Management District Actions

In response to and as required by the above regulations, the Feather River Air Quality Management District (FRAQMD), has adopted a registration program and associated fee rule to implement the state-adopted control measure. As part of the implementation process, the District and CARB is conducting outreach to California farmers, ranchers, or other institutions operating diesel agricultural engines greater than or equal to 50 hp.

Rule 4.16 Registration Requirements for Compression Ignition Engines Used in Agricultural Operations

- At a Public Hearing on October 1, 2007, the Board of the Feather River Air Quality Management District adopted Rule 4.16.
 - Rule 4.16 will require that all diesel engines greater than 50 hp used in agricultural operations be registered with the FRAQMD. **Applications are required to be submitted by March 1, 2008.**
 - By registering engines, rather than permitting the engines as new or existing sources, the affected engines will not be subject to more stringent New Source Review requirements.
 - Portable engines currently registered with through the Statewide Portable Equipment Registration Program are exempt from the registration requirements.
 - FRAQMD staff will likely inspect the engines only to determine compliance with the control measures upon initial registration and upon subsequent compliance actions. District staff does not intend to inspect the engines on an annual basis.
 - Rule 7.14, also adopted by the Board on October 1, 2007 outlines the registration fees associated with each engine. The fees are based on existing fees used for stationary permitted sources. The current fees are outlined in the following table.

Initial Application Fee (per engine)	\$113.00
Subsequent annual renewal fee (per engine)	\$81.00
District Staff Evaluation/inspection fees (per hour)	\$70.00
Transfer of ownership fee (per engine)	\$33.00

- For more information: <http://www.fraqmd.org> or contact the District at fracmd@fracmd.org or (530) 634-7659.
- Funding may be available through the State of California or through the District. For more information:
 - Carl Moyer Program or Agricultural Assistance Program
 - <http://www.arb.ca.gov/msprog/moyer/guidelines/current.htm>
 - <http://www.arb.ca.gov/msprog/moyer/contacts.htm>
 - For more information on the District Moyer Program, please contact the District at (530) 634-7659 or visit our website at <http://www.fraqmd.org/Moyer.htm>
 - Environmental Quality Incentives Program at:
 - <http://www.ca.nrcs.usda.gov/programs/equip>

The District will likely hold a workshop for assistance on the registration program in January. To keep updated through e-mail or request application materials, e-mail: fracmd@fracmd.org or call (530) 634-7659.