

PUBLIC WORKSHOPS MCAQMD REGULATION 3.9

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Purpose and Need

The State of California has identified diesel emissions as an Air Toxic (1998).

The State Air Resources Board has adopted a number of Air Toxic Control Measures to reduce public exposure to diesel emissions.

The Stationary Diesel Engine ATCM requires most Ag Pumps over 13 years old to be replaced on 1/1/2011

Guiding Principles for Regulation 3.9

Provide clarity for regulated industry

Focuses limited District resources on high use/high risk engines

Cutting to the chase

- ▣ Under current state rules a typical frost protection pump must be replaced by 1/1/2011
- ▣ Under the revised ATCM a typical frost protection pump must be replaced by 1/1/2021 or 1/1/2026 (depending on year model)

Current ARB Requirements

All stationary or portable Diesel Ag Engines have hour meters and be registered with the District.

6/17/10 Draft Tier 0 replacement timeline -

50-99 HP - 12/31/2011

100-750 HP - 12/31/2010

Over 750 - 12/31/2014

Engines do not need to be replaced until 12 years after "date of initial installation."

Remote Exemption

- ▣ In existing State Regulation
- ▣ Engines located "more than one-half mile" from residential area, school or hospital.
- ▣ Residential area is "three or more permanent residences outside the facility's property."
- ▣ Engine MUST be registered and applicant must request exemption.
- ▣ Engine must have hour meter and report usage annually to District.

Regulation 3.9 Main Features

Establishes Registration Program for Ag Engines

Creates and defines Alternative Compliance Schedule

Required reporting of sales and record keeping of significant repairs

Registration Program

- Hour meters required
- Three year registration
- Fees \$175 (new) \$120 (renewal)

Alternative Compliance Schedule

- 300 hours per year – 150 in Frost and 150 irrigation.
- Rated at less than 300 Horsepower.
- Registered with the District prior to 1/1/2011.
- Not located within 200 meters of School or Hospital.
 - Some exemption for sites near schools if engines operate outside of school hours.

Alternative Compliance Schedule

- Tier 0 engines must be replaced by 1/1/21
- Tier 1 engines must be replaced by 1/1/21
- Tier 2 engines must be replaced by 1/1/26
- These deadlines will be automatically extended by an equal amount if ARB extends the 2011 deadline.

Engines near Schools/Hospitals

- New or reopened schools and hospitals give source 4 year delay after opening for compliance.
- Owner has the option to move engine or swap engine with newer engine on property for compliance.
- Owner can also have Health Risk Assessment (HRA) conducted and reviewed by the District.
 - HRA must meet standards of District and/or ARB

School Hours Exemption

Owners that are located near a school that agree to not operate engines between 9am and 9pm are allowed into the Alternative Compliance Plan.

They are also subject to all other provisions of the Alternative Compliance Plan.

The exemption can only be granted if students do not live at the school (no known boarding schools in County).

Notification

- Vendor sales of new engines must be reported to the District annually (existing law).
- Long term (12 month or more) leases must be reported to the District annually.
- Repair shops must keep records of significant (\$1,500 in parts) and make records available to the District upon request.

Definitions/Exemptions

Defined agriculture as the for-profit production of crops. The District may require proof that the businesses is a legitimate Agricultural operation by reviewing tax records or other permits or licenses.

Temporary uses may be exempted from regulation (not from other regulations - such as portable equipment rules).

Heavy Duty Truck Idling

State law prohibits idling of heavy duty truck engines for more than 5 minutes.

Regulation 3.9 allows the Air Pollution Control Officer to require the posting of signage at locations where more than 3 trucks regularly park or load or off load cargo advising them of the idling regulation.

Things you should do now

Register your engine with the District if you haven't.
Registration is already required.

Equip all engines with a non-resettable hour meter.
Hour meters are required for all affected engines.

Map engines if you plan on claiming remote status.

Replace pre-1998 engines or move them to remote locations.

District Priorities

- ▣ Enforcement priority is the engines which represent the highest risk to the public. This is based on three factors –
 - Hours of operation
 - Location
 - Age of the engine
 - Risk of cross media (water/soil) pollution

Schedule for Adoption

Board Hearing anticipated for mid September 2010.

Effective date will be November 1, 2010.

Engines MUST be registered by 1/1/2011 to qualify for alternative compliance plan.