



**RULE 74.9
STATIONARY INTERNAL COMBUSTION ENGINE
REVISIONS**

The Ventura County Air Pollution Control Board adopted revisions to Rule 74.9 (Stationary Internal Combustion Engines) on November 8, 2005. Existing sources are subject to the provisions of the revised rule.

The District Compliance Division will begin enforcement of the rule beginning January 1, 2006. The following information is a summary of the rule revisions and a description of the compliance policy that will be implemented by the District.

1. A source test for NO_x, CO, and ROC is now required every two years (biennially) instead of annually. Source tests consist of the average of three (3) runs, with data from each run averaged over 15 consecutive minutes. (Subsection B.4)

The District will require the first biennial test to occur approximately two years after the previous annual source test. The District will send a notice 30 days prior to the quarter in which the biennial test will be due. For advance planning, contact the Compliance Division to verify your next source test due date.

2. Each engine is required to receive a quarterly screening analysis for NO_x and CO emissions (Subsection B.5). In any calendar quarter, an engine may be exempt from screening if:
 - a) The engine operates less than 32 hours in each of the three months in the quarter, as measured by a non-resettable elapsed operating hour meter, or
 - b) The required biennial source test specified in Subsection B.4 is being performed.

Operators must notify the APCD by telephone 24 hours prior to any quarterly screening analysis. The number to call is (805) 654-2797.

By District compliance policy, non-resettable elapsed operating hour meters must be installed by December 31, 2005, if they are not installed already. The District will require quarterly screening analyses to begin in the first quarter of 2006.

3. Due to additional requirements, existing Engine Operator Inspection Plans will require revision and approval in writing by the APCO. The revised plans must reflect the requirement for quarterly inspections unless the exemptions for quarterly screening noted above apply. (Subsection C.4).

In addition, plans must include a response time for both corrective action and reinspection (Subsection C.5). This is necessary due to a change in Subsection H.2, which defines a violation as a situation where an engine is "operated out of compliance with an approved Engine Operator Inspection Plan." If an out-of-compliance engine is fixed and reinspected within the response time in the plan, no violation will occur.

The District will send a separate Compliance Assistance Advisory regarding the requirement to revise the Engine Operator Inspection Plan.

4. Non-resettable elapsed operating hour meters are now required to monitor specific rule exemptions:
 - Engines operated less than 200 hours per calendar year (Subsection D.2);
 - Emergency standby engines limited to no more than 50 hours of maintenance operation per calendar year (Subsection D.3)
 - Engines exempt from quarterly screening and inspection because they operate less than 32 hours in each of the three months in the quarter (Subsections B.4 and C.4)

Non-resettable elapsed operating hour meters shall be maintained in accordance with the recommendations of the manufacturer (Subsection G.7). For low use and emergency standby engines, total annual operating hours or total annual hours of maintenance operation shall be reported to the District by February 15 of each year. (Subsection F.2)

By District compliance policy, non-resettable elapsed operating hour meters must be installed by December 31, 2005, if they are not installed already. Engine operating hour reports shall first be submitted by February 15, 2007.

5. The inspection log for engines subject to the emissions limitations shall include the date and results of each screening analysis. (Subsection E.1.b)
6. For each engine exempt from quarterly screening analysis and inspection (Subsections B.5.b and C.4), total hours of operation shall be recorded monthly. Records shall be maintained for a period of 2 years after the date of each entry. (Subsection E.2)
7. Annual reports are now due within 45 days after the end date of each permit period, and shall include: (a) engine manufacturer, model number, operator identification number, and location, and (b) a summary of maintenance reports during the renewal period, including quarterly screening data. (Subsection F.1)
8. Screening analyses shall be performed using a portable analyzer either verified by the Environmental Protection Agency or approved in writing by the APCO. The portable analyzer shall be calibrated, maintained and operated in accordance with the recommendations of the manufacturer. (Subsection G.5)

A list of EPA approved analyzers is available at:

<http://www.epa.gov/etv/verifications/vcenter1-12.html>.

If you have any questions regarding the revisions to Rule 74.9, please contact air quality engineer Don Price at 805/6451407. If you have any question regarding enforcement of the revisions to Rule 74.9, please contact air quality engineer Lyle Olson at 805/645-1413.

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