



Air Pollution Control Board

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July 15, 2019

NOTICE OF WORKSHOP

**FOR DISCUSSION OF PROPOSED AMENDMENTS TO
RULE 69.4.1 – STATIONARY RECIPROCATING INTERNAL COMBUSTION ENGINES-
BEST AVAILABLE RETROFIT CONTROL TECHNOLOGY, AND THE PROPOSED
REPEAL OF EXISTING RULE 69.4 – STATIONARY RECIPROCATING INTERNAL
COMBUSTION ENGINES-REASONABLY AVAILABLE CONTROL TECHNOLOGY**

The San Diego County Air Pollution Control District (District) will hold a public meeting to discuss and receive input regarding draft proposed amendments to Rule 69.4.1 (Stationary Reciprocating Internal Combustion Engines – Best Available Retrofit Control Technology) and the proposed repeal of existing Rule 69.4 (Stationary Reciprocating Internal Combustion Engines – Reasonably Available Control Technology). Comments and questions concerning these proposals may be submitted in writing before or made at the workshop, which is scheduled as follows:

DATE: Friday, August 16, 2019
TIME: 1:00 p.m. to 3:00 p.m.
**PLACE: San Diego County Operations Center
5500 Overland Avenue, First Floor, Room 120
San Diego, CA 92123**

The District is required by federal and State law to update its rules to further control and reduce ozone-forming emissions from stationary sources in the region, including oxides of nitrogen (NO_x) emissions from stationary reciprocating internal combustion engines.

Rule 69.4 was last amended in 2003 and was subsequently approved by the U.S. Environmental Protection Agency (EPA) as part of the San Diego County portion of the State Implementation Plan for attaining and maintaining the air quality standards. The rule reflects federal requirements for Reasonably Available Control Technology (RACT) to reduce NO_x emissions from stationary engines with a brake horsepower (bhp) rating of 50 or more that are located at major stationary sources (facilities emitting 50 or more tons per year of NO_x).

Rule 69.4.1, adopted in 2000, also applies to stationary engines with a bhp rating of 50 or more. However, the rule contains more health-protective State requirements for Best Available Retrofit Control Technology (BARCT) for stationary engines located at major or non-major sources.

Subsequent to the adoption of these District rules, federal New Source Performance Standards and a State Air Toxic Control Measure were promulgated which further limit the allowable air pollutant emissions from stationary engines. These federal and State requirements are currently in effect and affected sources already comply pursuant to their District permits. The District is proposing to incorporate these requirements in Rule 69.4.1 in order to demonstrate compliance with federal RACT and State BARCT

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requirements and to provide a single source of information for determining which federal, State, and local requirements apply to stationary engine operations. If adopted, the proposed amended Rule 69.4.1 would replace existing Rule 69.4, which would be repealed.

In summary, the draft proposed amendments to Rule 69.4.1 will:

New or Replacement Engines

- Provide an exemption from the rule for a new or replacement engine used in agricultural operations that is located at a site that is exempt from Permit to Operate requirements.
- Provide an exemption from the emission standards for new or replacement engines during commissioning periods of no more than 100 hours.
- Specify lower emission standards for the following new or replacement engine categories: prime gaseous-fueled; prime diesel-fueled (Tier 4 final certified); emergency standby gaseous-fueled; and emergency standby diesel-fueled (Tier 2 or Tier 3 certified).
- Require the installation of a Continuous Emissions Monitoring System (CEMS) for a new or replacement gaseous-fueled engine rated at 1,000 bhp or greater and permitted to operate more than 2,000 hours per calendar year.
- Require a new or replacement gaseous-fueled engine rated at 1,000 bhp or greater and permitted to operate more than 2,000 hours per calendar year to be source tested at least once every permit year.

Existing and New or Replacement Engines

- Provide an exemption from the emission standards for an engine during startup and shutdown periods.
- For a prime gaseous-fueled engine, unless otherwise exempted in the rule, require the use of a portable analyzer to take emission readings to verify compliance with the rule emission standards during any calendar quarter in which a source test is not performed.
- Require written notification to the District within 10 calendar days of replacing an engine hour meter.

Copies of the draft proposed amendments to Rule 69.4.1 and the workshop's location map are available on the District's website at http://www.sdapcd.org/content/sdc/apcd/en/Rule_Development/Workshops.html.

The District requests that workshop participants bring their own copies of the draft proposed rule. Those without internet access may contact Janet McCue at (858) 586-2712.

If you have any questions concerning the draft proposal or wish to submit comments, please contact Randy Consolacion (858-586-2752, randy.consolacion@sdcounty.ca.gov) or Angela Ortega (858-586-2753, angela.ortega@sdcounty.ca.gov).