



#### Air Pollution Control Board

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August 20, 2019

## NOTICE OF WORKSHOP

### FOR DISCUSSION OF DRAFT PROPOSED AMENDMENTS TO RULE 69.2.1, DRAFT PROPOSED NEW RULE 69.2.2, AND RELATED DRAFT PROPOSED AMENDMENTS TO RULE 11 AND RULE 12

The San Diego County Air Pollution Control District (District) will hold a public meeting to present and receive input on draft proposed amendments to Rule 69.2.1 – Small Boilers, Process Heaters, Steam Generators, and Large Water Heaters; draft proposed new Rule 69.2.2 – Medium Boilers, Process Heaters, and Steam Generators; and related draft proposed amendments to Rule 11 – Exemptions from Rule 10 Permit Requirements and Rule 12 – Registration of Specified Equipment. Comments concerning these draft proposals may be submitted in writing before or made at the workshop, which is scheduled as follows:

**DATE:** Friday, September 27, 2019  
**TIME:** 9:00 a.m. to 11:00 a.m.  
**PLACE:** San Diego County Operations Center  
5500 Overland Avenue, First Floor, Room 120  
San Diego, CA 92123

San Diego County currently does not meet the National and State Ambient Air Quality Standards for ozone, and is designated as an ozone nonattainment area. Federal and State law require the District to adopt new and amended rules to further control and reduce ozone-forming emissions including oxides of nitrogen (NO<sub>x</sub>) from boilers, process heaters, steam generators, and water heaters. The proposed requirements (summarized below) are similar to existing regulatory requirements in several California air districts, and the emissions control technology, such as low-NO<sub>x</sub> burners, is well established.

#### 1. Draft proposed amendments to Rule 69.2.1 – Small Boilers, Process Heaters, Steam Generators, and Large Water Heaters.

In summary, the drafted proposed amendments to Rule 69.2.1 will:

- Not affect any facility that currently operates equipment that is subject to the proposed amended rule until that equipment is replaced or new equipment is installed.
- Lower the applicability threshold from a heat input rating of 600,000 British thermal units per hour (Btu/hr) to 75,000 Btu/hr.
- Specify a NO<sub>x</sub> emissions limit of 20 parts per million by volume (ppmv) for new boilers, process heaters, steam generators and water heaters (units) when operated on natural gas, and 30 ppmv when operated on other fuels.

## **2. Draft proposed new Rule 69.2.2 – Medium Boilers, Process Heaters, and Steam Generators.**

In summary, the draft proposed new Rule 69.2.2 will apply to both new and existing units as follows:

### New Units:

- Prohibit the manufacture, sale, offer for sale, or distribution for use within San Diego County, or the installation or operation with San Diego County, of any new boiler, process heater, or steam generator with a heat input rating greater than 2 million Btu/hr to less than 5 million Btu/hr that is not certified by the District to comply with the emissions standard of the rule.
- Specify a NO<sub>x</sub> emissions limit of 30 ppmv for new units when operated on gaseous fuel, and 40 ppmv when operated on liquid fuel.
- Require an owner or operator to have a new unit initially tuned no later than one year after the date of installation, and tuned at least once every calendar year thereafter.

### Existing Units:

- Require an owner or operator of an existing unit to have it initially tuned no later than July 1, 2021, and tuned at least once every calendar year thereafter.

### All Units (New or Existing):

- Require an owner or operator of any unit to keep records of tune-ups and/or emissions testing onsite for a minimum of three calendar years.
- Require an owner or operator of any unit without a current District Permit to Operate to either register the unit or submit an application for an Authority to Construct/Permit to Operate no later than January 1, 2021.

## **3. Draft proposed amendments to Rule 11 – Exemptions from Rule 10 Permit Requirements, and Rule 12 – Registration of Specified Equipment.**

- Rule 11 is proposed for revision to no longer exempt from District permit requirements boilers, process heaters, or steam generators with rated heat input between 2-5 million Btu/hr.
- Rule 12 is proposed for revision so that boilers, process heaters, and steam generators subject to draft proposed new Rule 69.2.2 may be registered in lieu of obtaining a Permit to Operate.
- In addition, as an unrelated update, paper shredders and small brewery grain silos are proposed to be added to Rule 12 so such equipment can also be registered in lieu of obtaining a Permit to Operate. This proposal will streamline the application review process providing affected facilities reductions in processing time and costs.

If you have any questions concerning these draft proposals or wish to submit comments, please contact Randy Consolacion (858-586-2752, [randy.consolacion@sdcounty.ca.gov](mailto:randy.consolacion@sdcounty.ca.gov)) or Angela M. Ortega (858-586-2753, [angela.ortega@sdcounty.ca.gov](mailto:angela.ortega@sdcounty.ca.gov)).

Copies of the draft proposals 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](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 rules. Those without internet access may contact Janet McCue at (858) 586-2712.