



September 11, 2020

COMPLIANCE ADVISORY

AMENDMENT OF RULE 69.2.1 SMALL BOILERS, PROCESS HEATERS, STEAM GENERATORS, AND LARGE WATER HEATERS (HEAT INPUT RATING FROM 75,000 BTU/HR TO 2 MILLION BTU/HR) EFFECTIVE JULY 1, 2021

On July 8, 2020, the San Diego County Air Pollution Control District (District) amended District Rule 69.2.1 – Small Boilers, Process Heaters, Steam Generators, and Large Water Heaters which will become effective on July 1, 2021.

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_x) from boilers, process heaters, steam generators, and water heaters. These requirements are similar to existing regulatory requirements in several California air districts, and the emissions control technology, such as low-NO_x burners, is well established.

Rule 69.2.1(a) applies to any person who manufactures, sells, offers for sale or distributes (for use within San Diego County), or installs (within San Diego County) a new unit (boiler, process heater, steam generator, or water heater). The revisions to Rule 69.2.1 include the following changes which do 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 Btu/hr to 75,000 Btu/hr.
- Establishes the following NO_x emissions limits:
 - 20 parts per million by volume (ppmv) for new boilers, process heaters, steam generators and water heaters (units) when operated on natural gas;
 - 77 ppmv for new boilers, process heaters, steam generators and water heaters units with a heat input rating from 75,000 to 400,000 Btu/hr when operated on other fuels;
 - 30 ppmv for new boilers, process heaters, steam generators and water heaters units with a heat input rating greater than 400,000 to 2,000,000 Btu/hr when operated on other fuels;
 - 55 ppmv for new pool heaters with a heat input rating from 75,000 to 400,000 Btu/hr.
- Requires that a manufacturer of any new unit to be offered for sale within San Diego County to submit to the District a statement certifying that each model of boiler, process heater, steam generator, or water heater complies with the provisions of this rule.

OVER

If you have any questions, please contact the Compliance Division at (858) 586-2650 or apcdcomp@sdcounty.ca.gov.

WJ:jlh