

RULE 69.6. NATURAL GAS-FIRED FAN-TYPE CENTRAL FURNACES
(Adopted June 17, 1998; Rev. Adopted & Effective November 14, 2024)

(a) **APPLICABILITY**

This rule shall apply to any person who manufactures, distributes, sells, offers for sale, or installs natural gas-fired, fan-type central furnaces for use in San Diego County with: (1) a rated heat input capacity of less than 175,000 Btu per hour or (2) combination heating and cooling units with a rated cooling capacity less than 65,000 Btu per hour.

(b) **RESERVED**

(c) **DEFINITIONS**

For the purpose of this rule the following definitions shall apply:

(1) **“Btu”** means British thermal units.

(2) **“Heat Output”** means the product obtained by multiplying the Annual Fuel Utilization Efficiency, as defined by Code of Federal Regulations, Title 10, Part 430, Subpart B, Appendix N, by the rated heat input capacity of the furnace.

(3) **“Manufactured Home”** means a structure as defined in 42 United States Code Section 5402 and Section 18007 of the California Health and Safety Code.

(4) **“Mobile Home”** means a structure as defined in Section 18008 of the California Health and Safety Code.

(5) **“Natural Gas-Fired Fan-Type Central Furnace”** means a self-contained space heater fired by natural gas providing for circulation of heated air at pressures other than atmospheric through ducts more than 10 inches in length.

(6) **“Rated Cooling Capacity”** means the cooling capacity, in Btu per hour, as specified by the manufacturer on the nameplate of the cooling unit.

(7) **“Rated Heat Input Capacity”** means the heat input capacity of a furnace, in Btu per hour, as specified by the manufacturer on the nameplate of the furnace.

(d) **STANDARDS**

Effective May 14, 2025, no person shall manufacture, distribute, sell, offer for sale, or install for use within San Diego County:

(1) Any natural gas-fired, fan-type central furnace that emits more than 14 nanograms of nitrogen oxides (calculated as nitrogen dioxide) per joule of heat output. This standard does not apply to furnaces used in manufactured or mobile homes.

(2) Any natural gas-fired, fan-type central furnace used in a manufactured or mobile home that emits more than 40 nanograms of nitrogen oxides (calculated as nitrogen dioxide) per joule of heat output.

(e) CERTIFICATION

(1) Upon request by the District, a manufacturer of any new natural gas-fired, fan-type central furnace to be offered for sale in San Diego County shall submit to the District a statement certifying that each model subject to the requirements of Section (d) of this rule complies with the provisions of this rule.

(i) The statement shall be signed, dated, and attest to the accuracy of all information.

(ii) The statement shall be submitted at least 30 days before the furnace model is offered for sale, sold, or installed within San Diego County.

(iii) The statement shall include:

(A) Brand name,

(B) Model number,

(C) Rated heat input capacity in Btu per hour as specified on the nameplate,

(D) Rated cooling capacity (if applicable) in Btu per hour as specified on the nameplate, and

(E) Nitrogen oxides emission test results in nanograms of nitrogen oxides per joule of each model being certified.

(2) Upon request by the District, a manufacturer shall submit to the District a new certification statement for any natural gas-fired, fan-type central furnace model whose design is changed in any manner which may alter nitrogen oxides emissions.

(3) To demonstrate compliance with Subsections (e)(1) or (e)(2), a manufacturer may submit to the District a certification from South Coast Air Quality Management District, San Joaquin Valley Air Pollution Control District or Bay Area Air Quality Management District for any furnace model. The manufacturer may also submit the same certification statement submitted to other air districts as long as it meets the provisions required in Subsection (e)(1).

(f) LABELING

On the shipping carton and the nameplate of every new natural gas-fired, fan-type central furnace to be offered for sale in San Diego County, the manufacturer shall display the model number, the rated heat input capacity in Btu per hour, and the rated cooling capacity (if applicable) in Btu per hour.

(g) RECORD KEEPING REQUIREMENTS

A manufacturer shall keep nitrogen oxides emission test records and certification records for as long as the natural gas-fired, fan-type central furnace model is offered for sale or sold within San Diego County, or for three calendar years after manufacture, whichever is longer. Such records shall be provided to the District upon request.

(h) TEST METHODS

To determine compliance with Section (d) of this rule, measurement of nitrogen oxides shall be conducted in accordance with:

(1) San Diego County Air Pollution Control District Test Method 100 as approved by the federal Environmental Protection Agency, or

(2) South Coast Air Quality Management District Test Method 100.1 as approved by the federal Environmental Protection Agency, or

(3) Environmental Protection Agency Test Methods 7E and 3A, or

(4) Any other test method approved in writing by the District and the federal Environmental Protection Agency.

(i) EMISSION TEST REQUIREMENTS

During emission tests, operation of the natural gas-fired, fan type central furnace shall be in accordance with the procedures specified in Code of Federal Regulations, Title 10, Part 430, Subpart B, Appendix N.