

Mailed 7/24/98



Air Pollution Control Board

Greg Cox	District 1
Dianne Jacob	District 2
Pam Slater	District 3
Ron Roberts	District 4
Bill Horn	District 5

Air Pollution Control District

R. J. Sommerville	Director
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COMPLIANCE ADVISORY

Notice of Adoption of Rule 69.5 Natural Gas-Fired Water Heaters

On June 17, 1998, the Air Pollution Control Board adopted Rule 69.5, a new rule regulating oxides of nitrogen (NOx) emissions from residential-type, natural gas-fired water heaters. This rule was adopted to help fulfill the "all-feasible-control-measures" requirement of State law towards meeting the State clean air standard for ozone. Rule 69.5 reduces NOx formation during the burning of natural gas. NOx is a precursor to ozone. Control technology is well established among water heater manufacturers. Several California air districts presently have rules limiting NOx emissions from water heaters.

Rule 69.5 becomes effective January 1, 1999.

New Rule 69.5 includes the following:

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| Applicability | Rule 69.5 applies to any natural gas-fired water heater with a rated heat input capacity less than 75,000 Btu per hour, which is manufactured, distributed, sold, offered for sale, or installed within San Diego County after January 1, 1999. |
| Exemptions | Water heaters used in recreational vehicles and water heaters used exclusively to heat swimming pools or hot tubs are exempt. |
| Definitions | The rule provides definitions for terms used in the Rule 69.5. |
| Standards | The rule limits NOx emissions to 40 nanograms per joule of heat output. For mobile home water heaters, the rule limits NOx emissions to 50 nanograms per joule of heat output. |
| Certification | Manufacturers are required to submit to the District a statement certifying each model of water heater subject to these requirements complies with the provisions of this rule. The statement must be submitted 30 days before the unit is offered for sale, sold, or installed within San Diego County. The statement must include: brand name, model number, rated heat input capacity as specified on the nameplate; NOx emission test results of each model being certified; and signed, dated, and attested to the accuracy of all information. As an alternative, a manufacturer may provide a copy of South Coast Air Quality Management District certification statement. |

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- Labeling** The rule requires a manufacturer to display the model number of the water heater complying with this rule on the shipping carton and nameplate of each unit.
- Recordkeeping** The rule requires a manufacturer to keep emission test records and certification records.
- Test Methods** Emission test methods to determine compliance are specified in the rule.

A copy of Rule 69.5 is available by mail by calling (619) 694-3307 or can be seen on the District's web site at www.sdapcd.co.san-diego.ca.us/rules/R69-5.doc. Certification statements should be sent to San Diego Air Pollution Control District, Compliance Division, 9150 Chesapeake Drive, San Diego, CA 92123-1096. For more information, please call the District's Compliance Division at (619) 694-3340.

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7/22/98

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COMPLIANCE ADVISORY

Notice of Adoption of Rule 69.6 Natural Gas-Fired, Fan-Type Central Furnaces

On June 17, 1998, the Air Pollution Control Board adopted Rule 69.6, a new rule regulating NOx emissions from natural gas-fired, fan-type central furnaces. This rule was adopted to help fulfill the "all-feasible-control-measures" requirement of State law towards meeting the State clean air standard for ozone. Rule 69.6 reduces NOx formation during the burning of natural gas. NOx is a precursor to ozone. Control technology is well established among central furnaces manufacturers. Several California air districts presently have rules limiting NOx emissions from central furnaces.

Rule 69.6 becomes effective January 1, 1999.

New Rule 69.6 includes the following:

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| Applicability | Rule 69.6 applies to (1) any natural gas-fired, fan-type central furnace with a rated heat input capacity less than 175,000 Btu per hour, and (2) any combination heating and cooling unit with a rated cooling capacity less than 65,000 Btu per hour, which is manufactured, distributed, sold, offered for sale, or installed within San Diego County after January 1, 1999. |
| Exemptions | Fan-type central furnaces installed in mobile homes are exempt. |
| Definitions | The rule provides definitions for terms used in the Rule 69.6. |
| Standards | The rule limits NOx emissions to 40 nanograms per joule of heat output. |
| Certification | Manufacturers are required to submit to the District a statement certifying each model of central furnace subject to these requirements complies with the provisions of this rule. The statement must be submitted 30 days before the unit is offered for sale, sold, or installed within San Diego County. The statement must include: brand name, model number, rated heat input capacity as specified on the nameplate; NOx emission test results of each model being certified; and signed, dated, and attested to the accuracy of all information. As an alternative, a manufacturer may provide a copy of South Coast Air Quality Management District certification statement. |

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|----------------------|---|
| Labeling | The rule requires a manufacturer to display the model number of the central furnace complying with this rule on the shipping carton and nameplate of each unit. |
| Recordkeeping | The rule requires a manufacturer to keep emission test records and certification records. |
| Test Methods | Emission test methods to determine compliance are specified in the rule. |

A copy of Rule 69.5 is available by mail by calling (619) 694-3307 or can be seen on the District's web site at www.sdapcd.co.san-diego.ca.us/rules/R69-6.doc. Certification statements should be sent to San Diego Air Pollution Control District, Compliance Division, 9150 Chesapeake Drive, San Diego, CA 92123-1096. For more information, please call the District's Compliance Division at (619) 694-3340.

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