

## Rule 360 Frequently Asked Questions

1. *What is District Rule 360?*

District Rule 360 is the applicable regulation for the control of oxides of nitrogen (NO<sub>x</sub>) emissions from new large water heaters, small boilers, steam generators, and process heaters in Santa Barbara County. It was adopted on October 17, 2002 and took effect one year later.

2. *Who must comply with Rule 360?*

Effective October 18, 2003, any person who supplies, offers for sale, installs, or solicits the installation of any new water heater, boiler, steam generator or process heater for use within Santa Barbara County with a rated heat input capacity equal or greater than 75,000 Btu/hr up to and including 2,000,000 Btu/hr (2.000 MMBtu/hr) must be certified by the District.

3. *Must heaters, boilers, steam generators, or process heaters in existence, or installed prior to October 18, 2003 comply with Rule 360?*

No. The rule only applies to new equipment on or after October 18, 2003.

4. *Is there a regulation that applies to small residential water heaters or any natural gas-fired fan type central furnaces?*

Yes, Rule 352 (compliance effective March 16, 2000) applies to natural gas-fired residential water heaters with a rated heat input less than 75,000 Btu/hr. Manufactured housing (mobile homes), recreational vehicles, as well as fan-type central furnaces fired on fuels other than natural gas are exempt from Rule 352.

5. *What are the allowable emission limits under Rule 360?*

Until December 31, 2018, units with a rated heat input capacity greater than or equal to 75,000 Btu/hr and less than or equal to 400,000 Btu/hr, NO<sub>x</sub> emissions shall not exceed 40 nanograms per joule (93 lb/1,000 MMBtu/hr) of heat output, or 55 parts per million at 3% stack gas oxygen by volume on a dry basis.

Until December 31, 2018, units with a rated heat input greater than 400,000 Btu/hr and less than or equal to 2,000,000 Btu/hr, NO<sub>x</sub> emissions shall not exceed 30 parts per million at 3% stack gas oxygen by volume on a dry basis. These units shall also not exceed 400 parts per million at 3% stack gas oxygen by volume on a dry basis for carbon monoxide emissions.

On or after January 1, 2019, pool heaters with a rated heat input capacity greater than or equal to 75,000 Btu/hr and less than or equal to 400,000 Btu/hr, NO<sub>x</sub> emissions shall not exceed 40 nanograms per joule (93 lb/1,000 MMBtu/hr) of heat output, or 55 parts per million at 3% stack gas oxygen by volume on a dry basis if the pool heater is fired on natural gas. If the pool heater is fired on any other fuel, NO<sub>x</sub> emissions shall not exceed 55 parts per million at 3% stack gas oxygen by volume on a dry basis.



On or after January 1, 2019, units (except pool heaters) with a rated heat input capacity greater than or equal to 75,000 Btu/hr and less than or equal to 400,000 Btu/hr, NO<sub>x</sub> emissions shall not exceed 14 nanograms per joule (32.6 lb/1,000 MMBtu/hr) of heat output, or 20 parts per million at 3% stack gas oxygen by volume on a dry basis if the pool heater is fired on natural gas. If the unit is fired on any other fuel, NO<sub>x</sub> emissions shall not exceed 55 parts per million at 3% stack gas oxygen by volume on a dry basis.

On or after January 1, 2019, units with a rated heat input capacity greater than 400,000 Btu/hr and less than or equal to 2,000,000 Btu/hr, NO<sub>x</sub> emissions shall not: exceed 14 nanograms per joule (32.6 lb/1,000 MMBtu/hr) of heat output, or 20 parts per million at 3% stack gas oxygen by volume on a dry basis if the unit is fired on natural gas. If the unit is fired on any other fuel, NO<sub>x</sub> emissions shall not exceed 30 parts per million at 3% stack gas oxygen by volume on a dry basis. These units shall also not exceed 400 parts per million at 3% stack gas oxygen by volume on a dry basis for carbon monoxide emissions.

The above information and additional requirements are available at the District website:  
<https://www.ourair.org/wp-content/uploads/apcd-14a.pdf>.

6. *Do I need a separate certification from the District if my unit will be used in Santa Barbara County and it has been certified in compliance by the South Coast Air Quality Management District (SCAQMD) with its Rule 1146.2?*

If the unit has been certified in compliance with Rule 1146.2 of the SCAQMD **and it appears** on its current list at: <http://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/support-documents/rule-1146-2-details>, the unit **is in compliance** with District Rule 360. No additional certification by the District is required. The unit will not be listed on the District certified list.

If the unit has been certified in compliance with Rule 1146.2 of the SCAQMD **and it does not appear** on its current list at: <http://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/support-documents/rule-1146-2-details>, the unit **may be in compliance** with District Rule 360. You must complete and submit District Form -14 (Rule 360 Compliance Report) and supply a copy of the SCAQMD certification letter with the application. The unit will be deemed in compliance when this complete information is received by the District. Source test data, nameplates, and technical brochures are not required. The unit will not be listed on the District certified list.

If the unit has **not** been certified in compliance with Rule 1146.2 of the SCAQMD, you must apply for District certification.



7. *How do I apply for District certification?*

You must complete a Form 14 (available at the District website: (<https://www.ourair.org/wp-content/uploads/apcd-14.pdf>)) and submit it along with the required data and information described below to the District.

- *Nameplate:* Rule 360.F requires a clearly identifiable nameplate that displays both the model number and the certification status of the unit. As a matter of practicability, our agency is accepting South Coast Air Quality Management District (SCAQMD) approved nameplates if they meet the above two requirements. Please ensure that a photocopy of your nameplate label is provided with each application.
- *Source Test Data for Units NOT SCAQMD-Certified prior to October 18, 2003:* For units not previously certified prior to October 18, 2003, a complete source test report must be submitted with the application. In order to comply with Rule 360, this test report must be dated no more than 90 days prior to the application.
- *Technical Brochures:* For each application, attach a copy of the technical brochure for the model(s). Please note that each application package must be complete and must stand alone. If need be, make copies of documents that might reference different models (i.e. a source test report or technical literature that covers more than one model).

8. *Does Rule 360 Apply to Swimming Pool Heaters?*

Yes.

9. *Does Rule 360 Apply to Paint Spray Booth Heaters?*

No. Heaters used in paint spray booths are treated as ovens (consistent with SCAQMD).

10. *Is there a fee for the application or certification process?*

Currently, there is no fee for Rule 360 application or certification.

11. *How long is a Rule 360 certification for a unit valid?*

Rule 360 certification is valid for three years.