



Compliance Advisory

September 7, 2019

Regulation 9, Rule 7: Compliance Reminder

This Advisory is provided to inform you about Air District activities that may affect your operation. It is intended to assist you in your effort to achieve and maintain compliance with applicable air pollution regulations.

ATTENTION: OWNERS AND OPERATORS OF BOILERS, STEAM GENERATORS AND PROCESS HEATERS.

SUBJECT: REMINDER: REGULATION 9, RULE 7 REQUIREMENTS ARE IN EFFECT

The purpose of this advisory is to remind owners/operators with boilers and other devices (“boilers”) subject to the requirements of Regulation 9, Rule 7, **Nitrogen Oxides and Carbon Monoxide from Industrial, Institutional and Commercial Boilers, Steam Generators and Process Heaters**, that the boilers’ applicable emission limits of nitrogen oxides (NOx) and carbon monoxide (CO), and registration [and permit] and related requirements are in effect.

Background: In July 2008, the Bay Area Air Quality Management District amended Regulation 9, Rule 7 by adopting new, lower NOx and CO emission limits for boilers as well as adding boiler registration and related testing requirements. The new emission limits reduce air pollution that causes adverse public health effects to Bay Area residents and other environmental impacts. On May 4, 2011, the Air District amended Regulation 9, Rule 7 to allow more time for owners/operators to meet the new emission limits [for smaller boilers]. Since at least January 2015, all boilers subject to Regulation 9, Rule 7 must meet the new, lower emission limits and comply with the other requirements as well.

I. Section 9-7-307 Emission Limits: Boilers subject to the requirements of Regulation 9, Rule 7 and their emission limits are:

Emission Limit	Rated Heat Input (million BTU/hr)	Fuel	NOx Limit (ppmv, dry at 3% oxygen)	CO Limit (ppmv, dry at 3% oxygen)
307.1	>2 to 5	gaseous, except landfill or digester gas	30	400
307.2	>5 to <10		15	400
307.3	10 to <20		15	400
307.4	20 or more, load-following unit		15	400
307.5	20 to <75		9	400
307.6	75 or more		5	400
307.7	1 or more	landfill or digester gas	30	400
307.8	1 or more	non- gaseous	40	400
307.9	1 or more	multiple fuels	heat-input weighted average limit	400

Note: If you have a newer device (that was *manufactured* less than **10 years** ago and have one of or more of these newer boilers at any facility, you may have a longer time to comply (See **Section 9-7-308**).

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II. Small Boiler Requirements (>2 Million (MM) BTU/hr and < 10 MM BTU/hr fired with NG or LPG):

- **Registration Requirement:** Owners/operators of boilers with a rated heat input greater than 2 and less than 10 MM BTU/hr must **register** the boilers with the Air District and pay the required registration fee. You need not register these boilers if they have an Air District Permit to Operate. To register your boiler, use the [Small Boiler Registration](#) form which can be found at www.baaqmd.gov/registration or use the Air District's [online permitting system](#).
- **Certification Requirement:** As of January 1, 2012, only boilers certified to meet the applicable NOx and CO emission limits could be sold within the Air District. A list of certified boilers is available on the District website (Refer to the [February 6, 2012 Manufacturers and Distributors Advisory](#) for the certification program information). When purchasing a small boiler, ensure it has been certified to meet the applicable NOx and CO emission limits, or work with your boiler manufacturer and distributor to get it certified. (See Section 9-7-406.)

Note: If you complied with the new emission limits by retrofitting your boiler's burners, the boiler does not require certification.

III. Permit Requirements: Boilers with heat input ratings of 10 MM BTU/hr and greater, fired with any fuel and boilers with a heat input rating of greater than 1 MM BTU/hr up to less than 10 MM BTU/hr that are fired with any fuel other than natural gas (NG) and liquid petroleum gas (LPG) require an Air District Permit to Operate. To permit your boiler use the Air District's [apply for a permit](#) webpage or contact the Air District's Engineering Division to get started.

IV. Compliance and Recordkeeping Requirements for Boilers, Steam Generators, and Process Heaters: Existing boilers, steam generators, *and* process heaters must meet the **initial demonstration of compliance, record keeping, and periodic emissions monitoring** requirements (refer to **Sections 9-7-403, 503, and 506**). Note: Certified boilers are not subject to the initial demonstration of compliance.

A copy of the Regulation 9, Rule 7 can be found on the Air District's website: <http://www.baaqmd.gov/rules-and-compliance/current-rules>

For questions about this advisory, please contact Susan Manalo. Air Quality Technician, at jmanalo@baaqmd.gov or, (415) 749-8631.

More information can be obtained from the following sources:

- ☎ For questions or compliance assistance, call the Compliance Counselor Hotline at (415) 749-4999 or email at Compliance@baaqmd.gov.
- ☎ For questions about Air District Permits, call the Engineering Division at (415) 749-4990.



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