

South Coast Air Quality Management District

Amended Rule 1146.2 (June 2024)

Part II

Free 45-60 minute webinar Jan 16, 2025 10am-11am PST

Register at: <https://dawson-company.coursestorm.com/course/s-c-a-q-m-d-amended-rule-1146-2-webinar>

S.C.A.Q.M.D. has amended Rule 1146.2, impacting **all gas-fired appliances 75,000 btu-2,000,000 btu**. Implementation begins in three phases starting January 1st 2026 phasing out, and prohibiting the sale, installation and operation of these appliances within S.C.A.Q.M.D jurisdiction. **Mandatory "Zero Emission" replacement of existing** equipment within the S.C.A.Q.M.D. jurisdiction begins January 1st 2028-2033.

The original Rule 1146.2 was an 8-page document. The amended document recently released by S.C.A.Q.M.D. is a 307-page document including their work group studies and summations. We've consolidated the new requirements into a 45-60 minute presentation, with 15-minutes for questions afterward.

Information Covered:

- US Department of Energy- Minimum national water heater efficiency changes 95%+ effective 10/2026
- S.C.A.Q.M.D. Amended Rule (AR)1146.2
- Part 1 review
 - Equipment impacted, Specific targeted appliances, Zero-Emission compliance dates
 - Alternative compliance options available to owners by application with SCAQMD
 - Extension filings available to owners by application with SCAQMD
 - Practical solutions to continue operating gas appliances within compliance of AR1146.2
- Maximizing boiler efficiency in operation, and by application.
- **Low-Usage exemptions available to owners by application with SCAQMD**
 - **Minimizing electrification upgrades with hybrid systems**
 - **Thermal certification process**
 - **Types of gas-fired equipment to avoid, and why**
 - **Critical Equipment selection- High performance burner systems anatomy**
 - **Operating gas-fired equipment beyond the 25-year allowance**

Presenter- Steve McCool Manager- Facilities Support Group, Dawson Company

Steve McCool entered the industry in 1985. He has over a decade of experience as a mechanical, and boiler specialty contractor. He spent 15 years with a commercial boiler and water heater manufacturer; positions included Commercial Products Manager, So. California Sales Manager, Central Atlantic Sales Manager. Steve joined Dawson Company in 2012 to serve as a sales and technical support resource to end users of all varieties. He serves as an advisory, and technical resource to businesses, universities, colleges and school districts. He has served on product advisory councils with multiple commercial gas-fired boiler, and water heater manufacturers. Steve presents at ASPE and ASHRAE events in Los Angeles, Orange Co. and San Diego on related subjects of gas-fired systems and hybrid gas-fired/heat pump water heating systems.

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**Proposed Amended Rule 1146.2 –
Emissions of Oxides of Nitrogen
from Large Water Heaters and
Small Boilers and Process Heaters**

Public Consultation

February 23, 2024, 9:00 AM (PST)

Join Zoom Meeting:

<https://scaqmd.zoom.us/j/96893878030>

Meeting ID: 968 9387 8030



**Proposed Amended Rule 1111 –
Reduction Of NOx Emissions From Natural
Gas-Fired Furnaces**

**Proposed Amended Rule 1121 –
Reduction of NOx Emissions From Small
Natural Gas-Fired Water Heaters**

Working Group Meeting #6

August 15, 2024

2:00 PM – 4:00 PM (PDT)

Join Zoom Meeting:

<https://scaqmd.zoom.us/j/97271436016>

Meeting ID: 972 7143 6016

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