



WORKSHOP NOTICE

June 5, 2007

TO: INTERESTED PARTIES
FROM: EXECUTIVE OFFICER / APCO
SUBJECT: **PUBLIC WORKSHOP - DRAFT AMENDMENTS TO REGULATION 9, RULE 7: NO_x AND CO FROM INDUSTRIAL, INSTITUTIONAL & COMMERCIAL BOILERS, STEAM GENERATORS & PROCESS HEATERS**

The staff of the Bay Area Air Quality Management District ("Air District") will conduct a public workshop to review and discuss possible amendments to Regulation 9, Rule 7 from **1:00 to 3:00 PM on Friday, June 29, 2007** in the 7th Floor Board of Directors meeting room at the Air District office at **939 Ellis Street, San Francisco**.

BACKGROUND:

The Air District is considering amendments to Regulation 9, Rule 7 to further reduce emissions of nitrogen oxides (NO_x) in the Bay Area. The Bay Area is not yet in attainment of state ozone standards, so the region must implement all feasible measures to reduce the pollutants that form ozone, including NO_x. In addition, NO_x emissions react in the atmosphere to form secondary particulate matter (PM). The Bay Area is not in attainment of California ambient air standards for PM₁₀ (particulate matter of 10 microns or less) or for PM_{2.5} (particulate matter of 2.5 microns or less).

WORKSHOP DISCUSSION:

Control Measure SS-12 of the Air District's 2005 Ozone Strategy suggested consideration of two NO_x reduction measures related to Regulation 9, Rule 7: 1) reduction of the NO_x limits for regulated devices, and 2) expansion of the rule to apply to gas-fired devices with heat ratings as low as 2 million BTU/hr. The potential amendments, which are discussed in the workshop report and shown in the draft amendments to the regulation, would:

- Reduce the heat rating at which gas-fired devices become subject to the rule from 10 to 2 million BTU/hr (liquid-fueled devices rated down to 1 million BTU/hr will remain regulated), and
 - Establish NO_x emission limits for these devices (30 ppm @ 3% oxygen),
 - Establish a manufacturer certification requirement for new gas-fired devices with a heat rating between 2 and 10 million BTU/hr, and
 - Establish a registration program for operators of new and existing devices in this size range;
- Reduce the NO_x emission limits for devices greater than 10 million BTU/hr that already subject to this rule:

- Devices with a heat rating between 10 and 20 million BTU/hr: 15 ppm @ 3% oxygen
- Devices with a heat rating of 20 million BTU/hr or more: 9 ppm @ 3% oxygen (15 ppm for load-following units and 30 ppm for devices burning digester or landfill gas); and
- Establish periodic monitoring requirements for devices with a heat rating of 10 million BTU/hr or more.

In addition, the Air District's 2005 Ozone Strategy Control Measure SS-13 focuses on equipment subject to Regulation 9, Rule 6: *Nitrogen Oxides from Natural Gas-Fired Water Heaters*. Proposed amendments to Regulation 9, Rule 6 are being considered. The proposed amendments would incorporate more stringent NOx limits and expand applicability of Regulation 9, Rule 6 to water heaters and small boilers with heat ratings as high as 2,000,000 Btu/hr. A workshop on proposed amendments to Regulation 9, Rule 6 is being held from 9:00 to 11:00 AM on Friday, June 29, 2007 in the 7th Floor Board of Directors meeting room. Interested parties are invited to either or both workshops.

COMMENTS AND FURTHER INFORMATION:

The draft amendments and the workshop report are available on the Air District website: www.baaqmd.gov/pln/ruledev/workshops.htm. For additional information or to submit comments, please contact Julian Elliot, Senior Air Quality Engineer, at (415) 749-4705 or via e-mail at jelliot@baaqmd.gov. **Written comments, submitted by U.S. mail or electronic mail, are requested by the end of Friday, July 13, 2007.**

PUBLIC TRANSPORTATION

**MUNI -- #47 AND 49 NORTH AND SOUTH ON VAN NESS AVENUE
#38 EAST AND WEST ON GEARY BOULEVARD/O'FARRELL STREET
BART -- CIVIC CENTER STATION 8TH AND MARKET STREETS**

Attendees are encouraged to ride public transit, rideshare, bicycle or walk to and from the workshop.