



WORKSHOP NOTICE

January 14, 2010

TO: INTERESTED PARTIES
FROM: EXECUTIVE OFFICER / APCO
SUBJECT: **PUBLIC WORKSHOP - DRAFT AMENDMENTS TO REGULATION 9, RULE 10: NO_x AND CO FROM BOILERS, STEAM GENERATORS & PROCESS HEATERS IN PETROLEUM REFINERIES**

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 10 from **10:00 AM to 12:00 PM on Friday, February 5, 2010** 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 10 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:

The Air District's 2005 Ozone Strategy includes Further Study Measure FS 14 to consider feasible NO_x emissions from refinery heaters. Regulation 9, Rule 10 includes a NO_x emission rate limit for carbon monoxide (CO) boilers of 150 ppmv averaged over a day. CO boilers may need to have a relatively high NO_x limit on a daily or other short-term basis to accommodate unusual operating conditions that result in elevated NO_x emission levels. However, CO boilers in Bay Area refineries are able to operate at lower emission rates, when considered on a longer term basis. Therefore, the Air District is proposing to retain the current daily NO_x emission limit, but to require lower emission levels on a weekly and annual basis (85.6 and 42.8 ppmv, respectively). These limits are based on state-of-the-art NO_x controls on two planned CO boilers in the Bay Area.

Also, the Air District is proposing to modify the exemption in Regulation 9-10-110.1 to extend the applicability of the rule down to 2 MM BTU/hr rather than 10 MM BTU/hr.

The purpose of this workshop is to present the proposed CO boiler emission limits and exemption change and to solicit comment on these proposed amendments.

COMMENTS AND FURTHER INFORMATION:

The draft amendments and the workshop report are available on the Air District website: <http://www.baaqmd.gov/Divisions/Planning-and-Research/Rule-Development/Rule-Workshops.aspx>. 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, February 26, 2010.**

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.