



South Coast Air Quality Management District's

Notice of Public Workshop

PROPOSED AMENDED RULE 1112.1 - EMISSIONS OF PARTICULATE MATTER AND CARBON MONOXIDE FROM CEMENT KILNS



Wednesday, September 23, 2009

1:30 p.m.

AQMD Headquarters

Conference Room CC-7

21865 Copley Drive

Diamond Bar, CA 91765

Purpose of the Meeting

The South Coast Air Quality Management District (AQMD) has scheduled a Public Workshop in order to solicit information and suggestions from the public on achieving air quality objectives regarding **Proposed Amended Rule 1112.1 – Emissions of Particulate Matter and Carbon Monoxide From Cement Kilns (PAR 1112.1)**. This public workshop will allow comments and discussion of PAR 1112.1 with all public members including potentially impacted stakeholders and other interested parties.

PAR 1112.1 will be considered for adoption by the AQMD Governing Board at a public hearing tentatively scheduled for *December 4, 2009*.

Air Quality Objective

The air quality objective is to provide grey cement kilns with an alternative CO concentration limit in support of maintaining annual NOx reductions achieved through implementation of approved emissions control strategies for grey cement kilns.

Background

California Portland Cement Company (CPCC) is the only facility in the AQMD currently operating grey portland cement kilns and the control of NOx emissions for these kilns is a priority under other AQMD rules. CPCC has installed an approved

NOx emissions control strategy for their two grey portland cement kilns that has significantly reduced NOx emissions. AQMD Rule 407 limits the CO emissions of any stationary source, except stationary internal combustion engines, to 2,000 ppm averaged over 15 consecutive minutes. Due to the complex chemistry of kiln reactions and operations, CO emissions at CPCC occasionally exceed the Rule 407 CO short-term concentration limit, based on averaging over a 15 minute period. The mitigation of NOx is a priority since NOx is a precursor to both PM-10 and ozone and the Basin continues to be in violation of both the federal and state standards for these pollutants. In contrast, the Basin has been redesignated as an attainment area for the federal CO standard. Furthermore, analysis has verified that altering the sampling period for CO will not cause a localized exceedance of the ambient standards.

Summary of Proposed Amendments

To address the issue of short term CO excursions, Rule 1112.1 would be amended to include optional provisions for grey cement kilns, allowing the CO emission limit of 1,900 ppm when emissions are averaged over a period of eight hours. CO readings are to be corrected to 3% oxygen concentration on a dry volume basis. CPCC has recently installed certified CO monitors and both the compliance determination and test methods for CO emissions will also be updated by

the proposed amendment to ensure conformity with the current United States Environmental Protection Agency and California Air Resources Board standards.

Supporting Documents and Other Relevant Information

Copies of PAR 1112.1 and the Preliminary Draft Staff Report are available on the AQMD website at <http://www.aqmd.gov/rules/proposed.html> and may also be obtained from:

Mr. William Sanchez
Public Information Center
South Coast AQMD
21865 Copley Drive
Diamond Bar, CA 91765
(909) 396-2039
picrequests@aqmd.gov

Submission of Documents or Comments

The public is requested to send documents, studies, data, reports, or comments that may be relevant to the development of PAR 1112.1 by

Tuesday, September 29, 2009 to:

Henry Pourzand
Planning, Rule Development and Area Sources
21865 Copley Drive
Diamond Bar, CA 91765

Questions regarding PAR 1112.1 can be directed to Henry Pourzand at 909-396-2414 or by E-mail at hpourzand@aqmd.gov.

California Environmental Quality Act

Pursuant to the California Environmental Quality Act (CEQA) and AQMD Rule 110, the AQMD staff is reviewing PAR 1112.1 to determine if the proposed amendments would result in any potential adverse environmental impacts. Appropriate CEQA documentation will be prepared based on the analysis. Comments and suggestions regarding potential environmental impacts from PAR 1112.1 should be directed to Ms. Barbara Radlein at (909) 396-2716 or by E-mail at bradlein@aqmd.gov.