

About the Conference

You are cordially invited to attend a two-day conference on innovative NOx control strategies and technologies for stationary sources hosted by the West Coast Section of the Air & Waste Management Association (A&WMA) on January 29-30, 2009, at the SCAQMD Headquarters in Diamond Bar, California. NOx emissions contribute greatly to the formation of fine particulates, and ground level ozone. As a result, there is an increased regulatory emphasis on controlling these emissions from all sources. This conference is aimed at assisting stationary sources with their compliance efforts to meet the most recent SCAQMD NOx control requirements. The speakers include recognized regulatory and technology experts that will provide an overview of the recently adopted SCAQMD NOx control regulations as well as the latest available NOx control technologies. In addition the conference will cover permitting and source testing requirements, and enforcement practices and procedures. The program also includes a complimentary portable analyzer training session by SCAQMD that will offer SCAQMD certification.

Target Audience

The conference audience includes environmental managers and operators of public and private facilities operating boilers, process heaters, ovens, dryers, internal combustion engines as well as miscellaneous combustion equipment, operators of portable analyzers, regulators, technology vendors, consultants, environmental organizations, students and educators.

About A&WMA

A&WMA is a nonprofit, nonpartisan professional organization that provides training, information, and networking opportunities to 9,000 environmental professionals in 65 countries. The West Coast Section consists of seven professional chapters and six student chapters in So. California, Hawaii, Thailand, Singapore, Indonesia, and India.

Would you like to become an A&WMA member?

The West Coast Section and its chapters hold regular dinner/luncheon meetings featuring guest speakers on a variety of professional topics. For more information on joining A&WMA, contact: Rich Watson, WCS Membership Chair, via e-mail at rwatson@aqmd.gov or (909) 396-3753 or go to www.awma.org for A&WMA information or www.awma.org/join/index.html for membership forms.

Location Information

The conference will be held at the SCAQMD Headquarters located at 21865 Copley Drive, Diamond Bar, California 92675.

If overnight accommodations are needed, please contact the Ayres Suites at (909) 390-7778, located at 21951 Golden Springs Dr, Diamond Bar, CA 91765 or Holiday Inn at (909) 860-5440, located at 21725 E Gateway Center Dr, Diamond Bar, CA 91765.

SCAQMD is located at the 57/60 freeways.

From Los Angeles: Take the 60 East Exit Grand Ave, Right onto Grand, Right on Golden Springs Drive, Left on Copley Drive. AQMD is on the right.

From Riverside: Take the 60 West, Exit Grand Ave, Left onto Grand, Right on Golden Springs Drive, Left on Copley Drive.

From Orange County: Take the 5 North to 57 North to, 60 East, Exit Grand Ave, Right onto Grand, Right on Golden Springs Drive, Left on Copley Drive.

Controlling NOx at Stationary Sources



AIR & WASTE MANAGEMENT
ASSOCIATION
SINCE 1907

WEST COAST SECTION

Co-Sponsored by:

South Coast AQMD

**California Council for Economic and
Environmental Balance**

Southern California Air Quality Alliance

Southern California Gas Company

January 29-30, 2009

**SCAQMD
21865 Copley Drive
Diamond Bar, CA 91765**

CONFERENCE PROGRAM

DAY 1 – Thursday, January 29, 2009

- 9:00a Welcome and Introduction
Conference Chair: Laki Tisopulos, Ph.D., P.E.
A&WMA-WCS Chair &
Assistant Deputy Executive Officer, SCAQMD
- 9:15a Regulatory Framework and Challenges of
Controlling NOx Emissions

Session Chair, Krishna Nand, Ph.D., QEP
Consultant, A&WMA-WCS Board Director
- NOx Control Strategy - Regional/Local
Perspective — Joe Cassmassi, SCAQMD
- Recent Regulatory Efforts
- SCAQMD Rules 1146 and 1146.1 –
Non-RECLAIM Boilers, Steam Generators, and
Process Heaters — Gary Quinn, P.E., SCAQMD
 - SCAQMD Rule 1147 – Miscellaneous
Combustion Equipment and
Rule 1111 – Space Heaters
Wayne Barcikowski, SCAQMD
 - SCAQMD Rule 1110.2 – Emissions from
Gaseous and Liquid-Fueled Engines
Marty Kay, P.E., SCAQMD
- 10:15a Break
- 10:30a Implementation Procedures: Permitting,
Compliance, and Source testing

Session Chair, Joseph Hower, P.E., DEE,
ENVIRON, A&WMA-WCS Vice Chair
- SCAQMD Compliance Procedures/Permitting
Cher Snyder, SCAQMD
 - Permitting
Brian Yeh, SCAQMD
 - Source Testing Protocols: Submittal and
Approval Process
Glenn Kasai, SCAQMD
 - Application of Portable Analyzers
Craig McKim, Testo Inc.
 - Dealing with Uncertainties in Test Procedures
Robert Finken, Delta Environmental
- 11:45a Lunch

Keynote Speaker: C.V. Mathai, Ph.D., QEP
Immediate Past President, A&WMA

- 1:15p NOx Control Technologies - Low-NOx Burners and
Other Controls
Session Chair: Greg Adams, LA County Sanitation
District
- Natural Gas Fired Boilers, Steam Generators, and
Process Heaters — Steve Londerville, Coen
 - Miscellaneous Combustion Equipment — Stacy
Mulroony, Maxon
 - Atmospheric Units — Troy E. Trant, P.E., Rheem
Water Heating
 - Reducing NOx from the Combustion of Other Fuels
Robert Rizza, Powerflame
 - Application of Selective Catalytic Reduction to
Smaller Units — Gary Rubenstein, Sierra
Research
 - EMx Technology — Jeff Valmus, EmeraChem LLC

- 4:00p Closing Remarks – Day 1
Laki Tisopulos, Ph.D., P.E.

Day 2 – Friday, January 30, 2009

- 9:00a Welcome and Introduction
Laki Tisopulos, Ph.D., P.E.
- 9:15a Advancing Technology
Session Chair: Matt Miyasato, Ph.D.,
Assistant Deputy Executive Officer, SCAQMD
- Recent Advances, Dr. Robert K. Cheng, Lawrence
Berkeley National Laboratory
 - Technology Transfer
Greg Danenhauer, Parker Boiler
 - Funding New Technology
Fred Minassian, SCAQMD
 - Preserving Safety - TBD
- 10:15a Break
- 10:30a Panel Discussion
Session Chair: Richard Wales, Mojave Desert
AQMD, A&WMA-WCS Treasurer
- Joe Cassmassi, SCAQMD
 - Noel Muyco, Southern Ca. Gas Company
 - Frank Stanonik, AHRI
 - Dan Cunningham, Metal Finishing Association of
Southern California
- 11:45p Closing Remarks to Conference
Laki Tisopulos, Ph.D., P.E.
- 12:00p Lunch
- 1:00p - SCAQMD Portable Analyzer Operator Training
4:00p (Certificates to be provided)
SCAQMD Staff

Conference Cost Information

The conference will require a registration fee, which will include lunch, refreshment breaks, and conference materials.

Attend Type	Advance by Jan 22		At Door	
	Member	Non-Member	Member	Non-Member
Regular	\$100.00	\$150.00	\$125.00	\$175.00
Value	—	\$275.00*	—	\$300.00*
Student	\$25.00	\$50.00*	\$25.00	\$50.00*

* Includes A&WMA membership at a discount for new members for one year.

Submit one registration form per person. Copy this form for additional registrants. Please detach this portion and with a check or money order payable directly to **West Coast Section A&WMA** (no cash or credit cards please) and mail to:

c/o Cristina Lopez, SCAQMD
21865 Copley Drive, Diamond Bar, CA 91765
Phone (909) 396-2114
Fax (909) 396-3324
e-mail: clopez@aqmd.gov

Name _____

Title _____

Org _____

Address _____

Telephone _____

E-mail _____

Member (Yes/No) (Member No. _____)

Amt \$ _____

Exhibitors

Exhibit booth (table top) spaces will be available for \$350 each and include one complimentary registration. Space is limited, so reserve your space early. For more information on exhibits, contact: Cristina Lopez at (909) 396-2114.