



UTILITY & INDUSTRY CEMS TRAINING PROGRAM

**For CEMS Users that are subject to:
EPA Part 75 Acid Rain, Part 60 NSPS, CSAPR, MATS Rule and the
Greenhouse Gas Regulations**

**Presented by Agora Environmental Consulting
March 25-27, 2025
Raleigh, North Carolina**

**Includes
GHG Rule
Updates**

**Includes
MATS Rule
Requirements**

Comments from previous Agora CEMS Training Program Attendees:

*"This course was one of the best organized and informative from a practical standpoint.
The book (course manual) is much appreciated and useful."*

"Well organized course and appeared well practiced"

*"The content was of good quality and I would recommend the course to others involved
in CEMS programs with the electric utility industry"*

"Instructors have excellent knowledge of the subjects"

This CEMS Training Program addresses Acid Rain and NSPS CEM issues and other air emissions monitoring topics such as mercury, particulate matter, CEMS technology and performance, MACT standards, the CSAPR Rule, GHG regulations and the constantly evolving regulations confronting the CEMS user.

Agora Environmental Consulting (formerly RMB Consulting & Research, Inc.) brings decades of combined experience in air pollution control and air pollution consulting to its custom designed training programs. We specialize in providing services primarily to the electric utility industry and its associated organizations. Agora's Utility & Industry CEMS Users Training Programs are conducted by nationally recognized experts and are designed to educate CEMS users (environmental engineers,

DRs, instrument supervisors and technicians) in the discipline of continuous emission monitoring and data reporting, and to inform them of the latest regulatory developments. Agora also provides on-site training for the Utility & Industry CEMS users responsible for complying with regulatory requirements. Utility and Industry clients desiring on-site training can choose topics from the agenda list below. Call Agora for additional information.

TRAINING PROGRAM OVERVIEW

This comprehensive, three-day training program covers: (1) Discussion of the most recent CEMS rule revisions to 40 CFR Part 75; (2) An overview of 40 CFR Part 75 and NSPS Part 60 CEMS regulations; (3) Fundamental CEMS concepts, such as equations for converting measurements to units of an emission standard; (4) An introduction to gas, flow, and opacity CEMS technologies; (5) 40 CFR Part 75 CEMS certification and recertification requirements; (6) 40 CFR Part 75 CEMS QA/QC requirements; (7) EPA 3-D flow rate methods; (8) Auditing of quarterly EDRs; (9) Overview of opacity monitor performance specifications; (10) QA/QC requirements following analyzer maintenance; (11) 40 CFR Part 75 Appendix D&E monitoring & reporting requirements; (12) Overview of mercury and particulate matter

monitoring; (13) MATS requirements and proposed revisions; and (14) the status of the GHG Rules.

In addition, a CEMS Vendor Expedition will also take place at the hotel during the course. The CEMS Vendor session includes interactive operation and routine maintenance guidance, and demonstrations by manufacturers' representatives for a variety of widely used dilution and non-dilution extractive CEMS equipment. Past representatives have included: Thermo Environmental Instruments; Teledyne Monitor Labs; M&C Products; and Environmental Supply Company, among others.

The course cost is \$1,399. This fee includes a \$250 non-refundable registration deposit, tuition, an extensive course manual and USB

drive including current regulatory material, coffee breaks, and three lunches. It does not include travel costs or hotel accommodations. For specific questions concerning course content or materials, contact Steve Norfleet at (919) 791-3123.

Class Schedule

Tuesday, March 25:	8am-5pm
Wednesday, March 26:	8am-4pm
Thursday, March 27:	8am-3pm
All times Eastern Time	

ANTICIPATED TRAINING TOPICS • Spring 2025

Historical and Regulatory CEMS Overview

- Acid Rain, NSPS, and MACT
- Part 75 Audit Requirements
- RATAs and Bias
- Daily and Quarterly QA/QC
- Certification Testing
- Part 75 Appendix D Requirements
- Part 75 Appendix E Requirements
- Part 60 Audit Requirements
- Part 75 Rule Revisions
- CEMS Data Validity and Averaging
- Turbine CEMS Experience
- Opacity COMS Technology

CEMS Fundamentals

- Units of Measurement
- Conversions
- Equations and Calculations
- Gas and Flow CEMS Technology
- Flow, SO₂, NO_x, CO₂ and O₂
- QA/QC Requirements following Maintenance
- Corrective and Preventive Maintenance
- Diagnostic Test Events
- Recertification Test Events
- QA Plans and QA/QC Program Requirements

The MATS Rule

- Mercury (Hg) Monitoring
- Part 75 Quarterly Reports and EDRs
- Particulate Matter (PM) Monitoring
- Greenhouse Gas and ACE Rules Status
- EPA PS-11 and Procedure 2
- MATS RTR Revisions
- CSAPR Rule Revisions
- Utility GHG requirements
- ECMPS 2.0 Reporting Changes
- New MATS reporting requirements.
- Miscellaneous "Special" Topics

NOTE

Day 3 of training will be dedicated to the MATS Rule and associated monitoring

Vendor Exhibit/Social

Wednesday, March 26: 4:30pm-6:00pm

Length and/or order of the course presentations is subject to change. Vendor companies, specific personnel, and/or associated equipment are also subject to change or cancellation.



Utility & Industry CEMS Training Program • March 25-27, 2025

REGISTRATION FORM

Mr/Ms Name _____ Company _____

Address _____ City _____ State _____ Zip _____

Telephone _____ Email _____

Previous Agora CEMS Training Attendee ☐ Yes ☐ No

Training Program Fee.....\$1,399 (Checks or Credit Cards Accepted)

PLEASE MAIL OR E-MAIL THIS COMPLETED REGISTRATION FORM TO:
Agora Environmental Consulting, P.O. Box 40754, Raleigh, North Carolina 27629
(919) 791-3120 • pierce@agoraenv.com

All checks must be made payable to Agora Environmental Consulting
All credit card information must be provided over the phone. **As an alternative, you may register for the training course and provide your credit card information through our website at www.agoraenvironmental.com.**

Training program fee includes a \$250 non-refundable registration fee, tuition, course materials (notebook and USB drive), coffee breaks, and lunches. It does not include hotel accommodations. Contact Steve Norfleet at (919) 791-3123 for questions about the course content and Stacey Pierce at (919) 791-3120 for any registration or payment questions.

Agora reserves the right to cancel the training program without prior notice. In the event of program cancellation, registrants will receive full refunds. Incomplete or illegible registration forms will not be accepted.

Registration forms will also not be accepted once the class is full.

Visit the Training Section on our Web Site at <http://www.agoraenvironmental.com> for additional information.

Agora Environmental Consulting
P.O. Box 40754
Raleigh, North Carolina 27629

REGISTRATION

Complete the registration form in this brochure to register for the Agora Utility & Industry CEMS Users Training Program. Payments must be made by check or credit card to: Agora Environmental Consulting. All registrants must be paid in full before being admitted into the training program. Classes can fill quickly, so please pre-register at least 30 days prior to the course start date. Direct your questions concerning registration to the Agora Course Registrar, Stacey Pierce at (919) 791-3120.

HOTEL ACCOMMODATIONS

The Agora Utility & Industry CEMS Users Training Program will be held at the Embassy Suites Raleigh- Durham Airport/Brier Creek. The hotel is located at Raleigh's Brier Creek Shopping Center, and is next to the Raleigh/Durham Airport (RDU). The hotel offers complimentary van transportation to and from the airport and locations within a close radius of the hotel. A limited block of rooms for Agora workshop attendees will be held until February 22, 2025. Rates are \$209/Room/Night.

Make your reservations directly with the Embassy Suites by calling either (919) 572-2200 or 1-800-Embassy.

Hotel Reservations Website:

<https://www.hilton.com/en/attend-my-event/rduaces-aec-e008a841-96e6-49b7-b3b4-06f658db7c3e/>

Hotel Address:

**Embassy Suites
Raleigh-Durham Airport/
Brier Creek
8001 Arco Corporate Drive
Raleigh, NC 27617**