

CAPCA

55th Annual Spring Technical Workshop & Forum

Omni Grove Park Inn • Asheville, North Carolina • April 10-12, 2024

PROGRAM AGENDA



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CAPCA SPRING 2024

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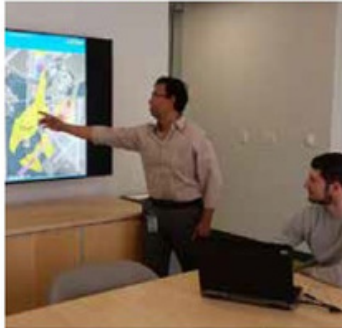
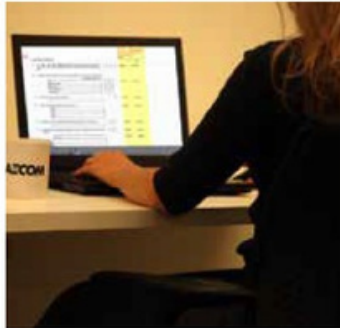


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Spring 2024 Workshop Conference Agenda

Visit www.capca-carolinas.org
for the latest workshop information.

Wednesday, April 10, 2024 - Morning Technical Sessions

8:30AM - 11:30PM - Combustible Dust Hazards and Mitigation-Requires Additional Registration Fee (Hoover HJ)

(Session Chair: Kevin Nesbitt, Umbrella Equipment Partners)

Chris Giusto, Director, Combustible Dust Safety, Hallam ICS

Kirt Boston, President, JKBoston Consulting

This workshop will cover the fundamentals of implementing a Combustible Dust Safety program. It begins with a review of some fundamental principles and terminology, including clarifying the difference between Dust Testing and a Dust Hazard Analysis (DHA). It will include a discussion regarding where and how to collect representative dust samples, what test to have performed, and how to interpret those test results to understand the degree of hazard presented by the dust created in an industrial process. The presentation will conclude with the 7 steps to complete a DHA, including Hazard identification and compliance evaluation, and how to prioritize hazards based on risk. The next topic will be Mitigation by control of combustible dust in the workplace. Included in this presentation will be an overview of the types of dust control systems used in industry and considerations for dust control technology.

10:00AM – 4:30PM – Registration (Coolidge)

11:30AM - 1:30PM - Young Professionals Committee Lunch Meeting - RSVP Required (Eisenhower FG)

(Session Chairs: Sanjam Singh and Pierce Werner, CAPCA YP Committee)

This luncheon affords the opportunity for new and established young professionals and CAPCA attendees to network and be introduced to the Spring Conference and the role of the Young Professionals committee. The luncheon will also feature a brief panel discussion on the topic of career pathways and trajectories from practitioners with varying perspectives across the air pollution control community.

Wednesday, April 10, 2024 - Afternoon Technical Sessions

1:30PM - 1:40PM - Conference Welcome & Introductory Remark (Grand Ballroom A)

Tim Agner, CAPCA Vice President and Chair of Program Committee

1:40PM - 2:20PM - Stack Testing ... It is a Team Sport

(Session Chair: Mallory Sparks, CAPCA Director)

Mark Hawes, P.E., Managing Consultant, Trinity Consultants

Ilya Alimov, Technical Director and Senior Project Manager, TRC Companies

Setting yourself up for victory: Preparing for a successful stack test

2:20PM - 3:00PM - Stack Testing ... It is a Team Sport

(Session Chair: Mallory Sparks, CAPCA Director)

Kristine Waikins, Regional Environmental Compliance Manager, West Fraser

Michael Shroup, Director, Air Compliance Management Division, SC DHEC

Recovering from a strike out: What to do when a stack test does not go as planned.

3:00PM - 3:30PM - Break

Wednesday, April 10, 2024 - Afternoon Technical Sessions Cont.

3:30PM - 4:15PM - Economic Advantages and Synergies with Collocating Industrial Sites.

(Session Chair: Robert VandenMeiracker, CAPCA Secretary)

John Bird, Environmental Permitting, Compliance and Quality Assurance Manager, Roseburg Forest Products

This presentation will give a brief overview of PSD collocation, State specific examples of collocation interpretations for PSD, state interpretations of modeling nearby sources, and a new state air toxics program that utilizes multisite air toxics risk analysis. Also, there will be a discussion of how collocation is treated in EPA's Tier II, Toxic Release Inventory, and Risk Management Plan programs.

4:15PM - 5:00PM - Fenceline Monitoring Basics with a Twist of HON.

(Session Chair: Margaret Sembos, CAPCA Director)

Bailey McAuley, Associate Engineer, TRC

This presentation will summarize the proposed EPA updates to the Hazardous Organic NESHAP (HON); specifically, the requirement of fence line monitoring for facilities that produce, emit or store Ethylene oxide, chloroprene, benzene, 1,3 butadiene, ethylene dichloride or vinyl chloride. The EPA estimates approximately 200 facilities will be impacted by the proposed HON updates. We will discuss the implications on facilities, provide details from recent case studies, and highlight ways facilities can be prepared for the rule to go into effect.

5:15PM - 6:15PM - Young Professionals Committee Cornhole Hour (Mountain View Terrace)

CAPCA's Young Professionals Committee is hosting an hour of relaxation and refreshment provided by **Tora Consulting**. Before heading to the Wednesday evening symposium/dinner, visit the Mountain View Terrace for a round of cornhole, a cold drink, live music from The Passing Scene brought to you by **TRC** and a bit of conversation. Meet someone new or challenge a colleague to a friendly competition. This event is open to all CAPCA members.

6:30PM - 8:30PM - Symposium/Dinner in the Heritage Ballroom

Thursday, April 11, 2024 - Morning Technical Sessions

7:30AM-8:30AM – Breakfast in Exhibit Hall (Grand Ballroom B/C)

8:00AM-4:00PM – Registration (Coolidge)

8:30AM - 8:40AM - Welcome & Introductory Remarks

Session Chair: Rhonda Thompson, CAPCA President

8:40AM - 9:15AM - EPA Division Updates:

(Session Chair: Rhonda Thompson, CAPCA President)

Rochelle King, Group Leader New Source Review Group US EPA Office of Air Quality Planning and Standards

This presentation will provide an update on activities and priorities for EPA on air quality matters and how these affect sources in North and South Carolina.

9:15AM - 10:15AM - NC and SC Updates:

Rhonda Banks Thompson, P.E., Chief Bureau of Air Quality SC Department of Health and Environmental Control

Mike Abraczinskas, Director Division of Air Quality NC Department of Environmental Quality

Join us for a fireside chat with the NC and SC air directors where the moderator will ask questions of interest to the air quality community. Send in your questions ahead of this session at capcaquestions@gmail.com. Moderated by Melvin Stroble.

10:15AM - 10:45AM - Break in Exhibit Hall (Grand Ballroom B/C)

**10:45AM - 11:15AM - Morning Speakers Q&A Session
(Session Chair: Melvin Stroble)**

Morning Speakers

Send in your questions ahead of this session at capcaquestions@gmail.com Moderated by Melvin Stroble.

**11:15AM - 12:00PM - North Carolina Manufacturers Alliance
(Session Chair: Tim Agner)**

Jimmy Carter, Director of Communications, NCMA

Lu-Ann Perryman, NCMA

This session will introduce attendees to the North Carolina Manufacturers Alliance (NCMA). The presentation will focus on why the Alliance is key to NC's manufactures and their Success. Topics will include: The Alliance's engagement and collaboration with the legislative and regulatory processes, Membership education and outreach events, and participation in the ongoing Carbon Reduction efforts.

**South Carolina Manufacturers Alliance
(Session Chair: Tim Agner)**

Sarah Hazzard, President and CEO SCMA

This session will introduce attendees to the South Carolina Manufacturers Alliance (SCMA). The session will focus on SCMA's work to strengthen and advance South Carolina's manufacturers, building a world-class workforce, and bringing together manufactures to connect share, and solve industry challenges. Topics include South Carolina's recent manufacturing successes, challenges on the horizon, and an update on the legislative landscape.

12:00PM - 1:00 PM - Lunch in Blue Ridge Dining Room

**1:00 - 1:30 PM - Program Committee Meeting
(Session Chair: Tim Agner, CAPCA Vice President)**

All attendees are invited to share ideas and suggestions for future CAPCA programs. The meeting will be held in the back of the main meeting room.

**1:00-1:30 PM - Young Professionals Meeting
(Session Chairs: Sanjam Singh & Pierce Werner)**

Young Professionals are invited to share ideas and suggestions for future CAPCA programs. The meeting will be held in the front of the main meeting room.

**1:30PM - 3:00PM - PM2.5 NAAQS Overview of the new Standard
(Session Chair: Jessica King)**

Tim Hunt, Senior Director, Air Quality Programs American Forest and Paper Association

Ryan Gesser, Senior Manager, Air Quality Georgia-Pacific

This session will span Thursday afternoon and cover all aspects of the recently revised fine particulate (PM 2.5) NAAQS. We will start with how we got here, what was finalized, when the new standard is effective, and what else is coming with respect to NAAQS. We will then move on to a discussion of the various challenges involved in implementing a new lower PM 2.5 NAAQS. The discussion will involve timing for permitting and designations, measurement and modeling challenges, background, and EPA's plans for implementation and guidance.

3:00PM - 3:30PM - Break in Exhibit Hall (Grand Ballroom B/C)

**3:30PM - 5:00PM - (Second Half) PM2.5 NAAQS Overview of the New Standard
(Session Chair: Amy Marshall)**

Dustin Snare, Technical Manager, ALL4

Jay Hofmann, CEO, Trinity

The second half of our discussion includes a discussion on monitoring vs. modeling and what would be involved in setting up PM 2.5 monitoring at an industrial facility. We will also touch on whether the Carolinas are planning additional PM 2.5 monitors and how a small sensor network might be utilized. The final presentation will cover timing and scope of state activities related to the new standard and the implications of permitting in PM 2.5 nonattainment areas. We will present the ambient monitoring data in the Carolinas, predict what areas might be designated nonattainment, discuss exceptional events demonstrations, explain the activities states will need to perform relative to SIPs and attainment, and finish with the extras and ramifications of nonattainment permitting

**5:30PM - 7:30PM - Symposium in Exhibit Hall (Grand Ballroom B/C) - The Great Outdoors
Thank you to Kilpatrick Stockton for being a reception contributor.**

Friday April 12, 2024 - Morning Technical Sessions

7:30AM - 9:00AM - Breakfast in Exhibit Hall (Grand Ballroom B/C)

9:00AM - 9:05AM - Welcome and Announcements
Rhonda Thompson, CAPCA President

9:05AM - 10:35AM - Advancing Alternative Energy Solutions
(Session Chair: Sean Alteri)

Mark McIntire, Director Energy and Environmental Policy and Affairs, Duke Energy Company
Chad Eaton, Senior Director State Government Affairs, NUCOR Corporation

Advancing alternative energy solutions is not only a matter of environmental responsibility, but also serves as an economic opportunity. By harnessing the power of clean and renewable sources, we can promote economic growth and development while preserving clean air resources. However, to achieve this vision and stated climate related goals we need to overcome the technical, financial, and political challenges that still exist.

10:35AM - 11:45AM - A Grab Bag of Emerging Topics
(Session Chair: Beth Partlow)

Steve Weber, Parker Poe Adams & Bernstein, LLP

This session will explore several timely issues you should be watching: Changes to the Risk Management Program, new guidance on Environmental Justice, new Regulatory proposals under the Toxic Substances Control Act, and more.

11:45 AM - CONFERENCE WRAP UP, GIFT CARD DRAWINGS, ADJOURN

NOTICE: AN ELECTRONIC CERTIFICATE WILL BE E-MAILED TO CAPCA ATTENDEES.

CAPCA PRESENTATIONS ONLINE

To access presentations after the meeting on the website, use:
www.capca-carolinas.org PASSWORD: Coming Soon



CAPCA Spring 2024

Join us on our official event app

We're using *Whova* as our official event app to facilitate networking, host the event agenda, distribute documents, and send announcements!



Having trouble joining? Search for our event and enter the invitation code: umlyh15bgg

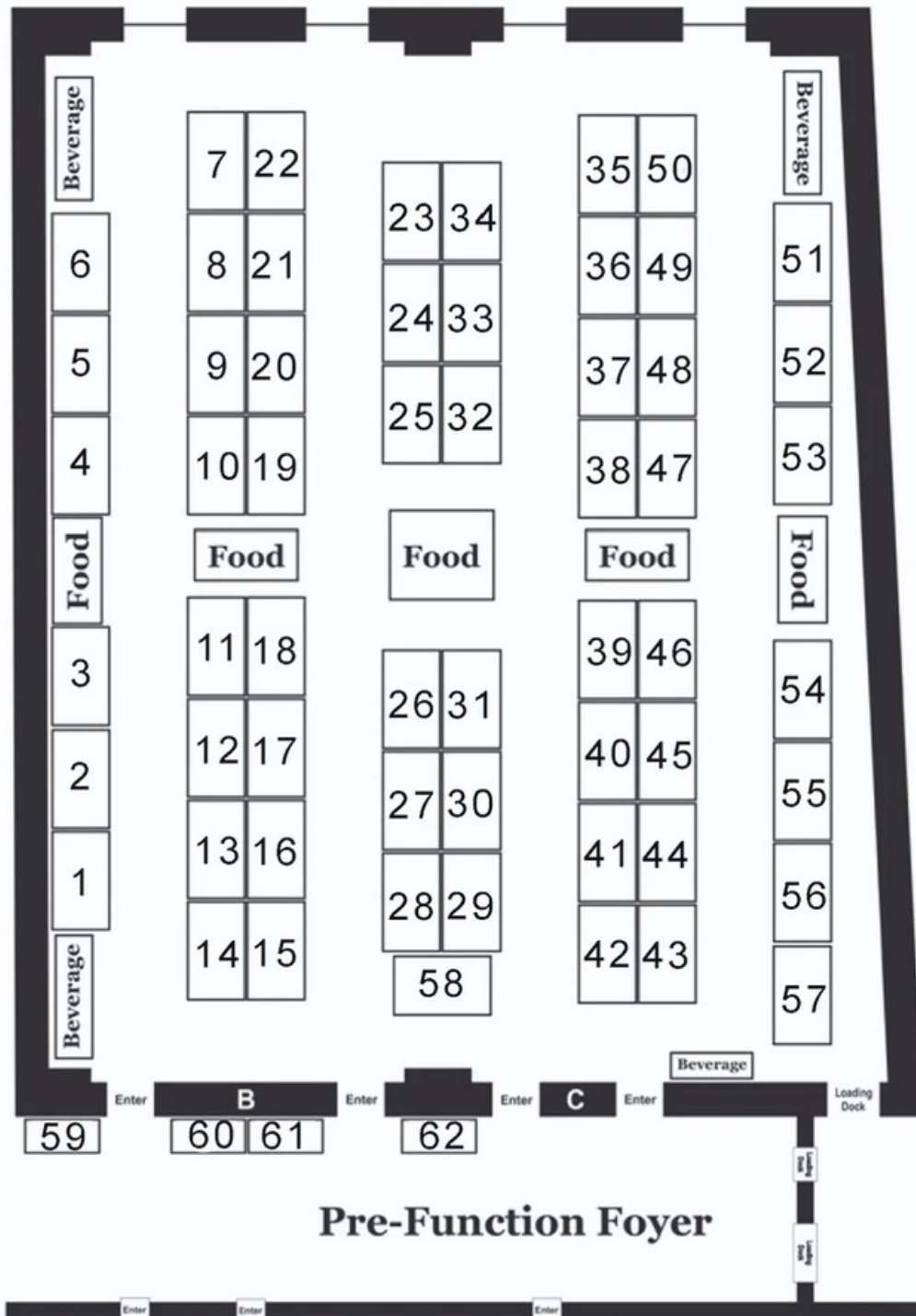
Spring 2024 CAPCA Exhibitors

- 24 - AECOM
- 32 - Aegis Environmental
- 46 - Air Techniques
- 51 - Air Control Techniques, P.C.
- 58 - ALL4
- 57 - Alliance Technical Group, LLC.
- 53 - Apex Instruments
- 26 - Arc3 Gases
- 18 - B3 Systems, Inc.
- 12 & 13 - Black Rock Branding
- 45 - Burns & McDonnell
- 21 & 22 - CAI Envea Group
- 30 - C&C Boiler Sales & Service, Inc.
- 56 - CEC
- 14 - Crossair LLC
- 33 - DURAG Inc
- 42 - Eastern Technical Associates
- 41 - ELM Site Solutions Inc
- 43 - Enthalpy
- 28 - Environmental 360
- 55 - ERM
- 1 - GCI (Grace Consulting, Inc.)
Emissions Testing Services
- 15 - GEL Engineering, LLC
- 4 - HEPACO, LLC
- 2 - Heritage Environmental
- 34 - Integrity Air Monitoring, Inc.
- 5 - IVINC
- 44 - Kleinfelder
- 47 - Leaf Environmental & Engineering, P.C.
- 37 - M&C TechGroup
- 10 - Montrose Environmental Group
- 16 - MVA Scientific Consultants
- 36 - NC DAQ
- 38 - NESTEC, Inc.
- 3 - Nordfab
- 19 - Rogers & Callcott
- 48 - SC DHEC
- 29 - Schenck Process LLC
- 54 - SICK
- 7 - Southern Logistics & Environmental LLC.
- 39 - SR&R Environmental, Inc.
- 20 - STI CEMS
- 8 - Synterra
- 11 - Teledyne API
- 31 - Terracon
- 23 - The EI Group, Inc.
- 6 - Thermo Fisher Scientific
- 40 - Tora Consulting, LLC
- 9 - Tradebe
- 25 - TRC Environmental
- 27 - Trinity Consultants
- 17 - VIM Technologies Inc.

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Grand Ballrooms B & C

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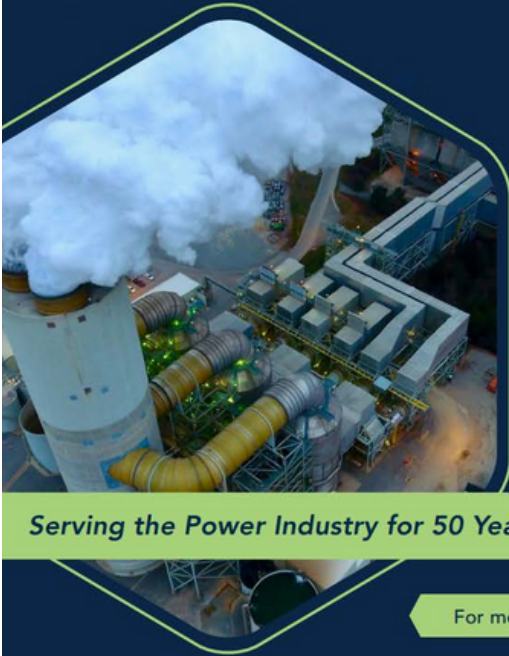
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55th Conference CAPCA Spring Technical Conference & Exposition



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Karen Crawford, who is proud to be a long-term CAPCA member and Past President, practices in the areas of environmental law and litigation, employee safety, product safety, and tort litigation. An engineer by training and experience, she earned recognition as a Qualified Environmental Professional in 1997 from the Institute of Professional Environmental Practice. She is admitted to practice law in Pennsylvania, Washington, D.C., and South Carolina,

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Drew Hargrove, *Counsel*
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Laura Merriman, *Associate*
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conference, the attendees list will be posted
on the CAPCA website at:

www.capca-carolinas.org

accessible by

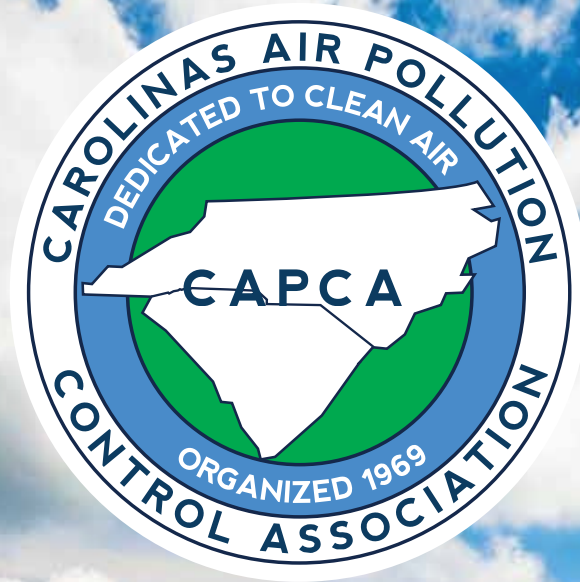
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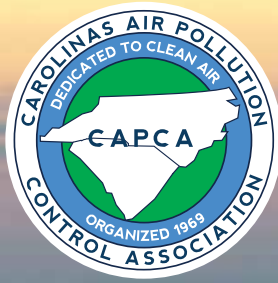
AIR ACRONYMS

AAPCA	Association of Air Pollution Control Agencies
ACM	Asbestos-Containing Material
ANSI	American National Standards Institute
AQCR	Air Quality Control Region
ASTM	American Society for Testing & Materials
BACT	Best Available Control Technology
BART	Best Available Retrofit Technology
BIF	Boiler and Industrial Furnace
BMP	Best Management Practice
BTU	British Thermal Units
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CAM	Compliance Assurance Monitoring
CASAC	Clean Air Scientific Advisory Committee (EPA)
CBI	Confidential Business Information
CAIR	Comprehensive Assessment Information Rule
CAS	Chemical Abstract Service
CDX	Central Data Exchange
CEM	Continuous Emission Monitoring
CERCLA	Comprehensive Environmental Response Compensation Liability Act
CFC	Chlorofluorocarbon - an ozone-depleting refrigerant
CFR	Code of Federal Regulations
COM	Continuous Opacity Monitoring
CPMS	Continuous Parametric Monitoring System
CSAPR	Cross-State Air Pollution Rule
DEQ	Department of Environmental Quality
DHEC	Department of Health & Environmental Control
DRE	Destruction and Removal Efficiency
ECOS	Environmental Council of the States
EIS	Environmental Impact Statement
EMS	Environmental Management System
ESA	Environmental Site Assessment
EPCRA	Emergency Planning and Community Right-to-Know Act
ESP	Electrostatic Precipitator
EU	Emission Unit
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act
FIP	Federal Implementation Plan
FOIA	Freedom of Information Act
GACT	Generally Achievable Control Technology
GHG	Greenhouse Gas
GWP	Global Warming Potential
HAP	Hazardous Air Pollutant
HCFC	Hydrochlorofluorocarbon
ISO	International Organization for Standardization
LAER	Lowest Achievable Emission Rate
LCA	Life Cycle Analysis/ Assessment
LEPC	Local Emergency Planning Committee
LOEL	Lowest Observed Effect Level
MACT	Maximum Achievable Control Technology
MCL	Maximum Concentration Limit/Level
MATS	Mercury and Air Toxics Standards
NAA	Non-Attainment Area
NAAQS	National Ambient Air Quality Standards
NACAA	National Association of Clean Air Agencies
NEPA	National Environmental Policy Act
NEI	National Emissions Inventory

NESHAP	National Emissions Standard for Hazardous Air Pollutants
NIOSH	National Institute of Occupational Safety and Health
NPL	National Priorities List (Superfund sites)
NRC	National Response Center
NFPA	National Fire Protection Act
NIH	National Institute for Health
NSPS	New Source Performance Standards
NSR	New Source Review
OAR	Office of Air and Radiation (EPA)
OAQPS	Office of Air Quality Planning and Standards (EPA)
ODS	Ozone Depleting Substances
OMB	Office of Management and Budget
OTR	Ozone Transport Region
PBT	Persistent, Bioaccumulative, Toxic
PCB	Polychlorinated biphenyl
PEL	Permissible Exposure Limit
PEMS	Predictive Emissions Monitoring System
PID	Photo Ionization Detector
PM10	Particulate Matter < 10 micrometers
PM2.5	Particulate Matter < 2.5 micrometers
POM	Polycyclic Organic Matter
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
QA/QC	Quality Assurance/Quality Control
RACM	Reasonably Available Control Measure
RACT	Reasonably Available Control Technique
RATA	Relative Accuracy Test Audit
RICE	Reciprocal Internal Combustion Engine
RQ	Reportable Quantity
RMP	Risk Management Plan
RSO	Radiation Safety Officer
RTO	Regenerative Thermal Oxidizer
RCO	Regenerative Catalytic Oxidizer
SARA	Superfund Amendment Reauthorization Act
SCFM	Standard Cubic Feet per Minute
SCR	Selective Catalytic Reduction
SER	Significant Emission Rate
SERC	State Emergency Response Commission
SIC	Standard Industrial Classification
SIL	Significant Impact Level
SIP	State Implementation Plan
SNCR	Selective Noncatalytic Reduction
TAP	Toxic Air Pollutant
TEQ	Toxicity Equivalence Quotient
TPQ	Threshold Planning Quantity
TQ	Threshold Quantity
TRI	Toxic Release Inventory
TRS	Total Reduced Sulfur
TSCA	Toxic Substances Control Act
VISTAS	Visibility Improvement State & Tribal Association of the Southeast
VE	Visible Emissions
VOC	Volatile Organic Compounds
VMT	Vehicle Mile Traveled



SAVE THE DATE
for the
55th Annual Fall Technical
Workshop & Forum
October 23-25, 2024
Myrtle Beach, SC



FUTURE CONFERENCE DATES

SPRING

April 9-11, 2025

FALL

October 23-25, 2024

October 22-24, 2025

October 21-23, 2026

October 20-22, 2027