



2023 Spring Smoke Schools

Richmond, VA - March 7

Roanoke, VA - March 8

Abingdon, VA - March 11

About the Course

The VTCA Smoke Schools are designed to produce qualified observers who can make plume opacity determinations that are accurate and minimally affected by variable field conditions.

Compliance Assurance Associates, Inc. will conduct the smoke schools in accordance with EPA Reference Method 9, offering attendees who meet the qualification requirements with official certification to conduct visible emissions evaluations. Compliance Assurance's training meets or exceeds EPA requirements, and the requirements of each State environmental agency, including Virginia. The certificates are valid nationwide.

The workshop consists of an optional online half day classroom lecture and a half day Method 9 field-testing and certification. *The classroom lecture is now held online. The online classroom portion is a self-paced lecture that will take about two hours and needs to be completed prior to the field session. Compliance will email participants a link to the classroom lecture after you sign up for the training.*

Attendees will take the Method 9 certification field test and earn a certificate in one day. EPA recommends the lecture for all new attendees. You are required to retake the field test every six months to maintain Method 9 certification. ***All field-testing participants will be required to wear a mask and follow social distancing requirements during the field-testing session. Also, each participant will be required to bring their own clipboard and pen for testing purposes.***

Each test consists of opacity readings of 25 white plumes and 25 black plumes. Attendees will know the fundamentals required for reading opacity before each portion of the test. Testing methods and equipment meet or exceed EPA requirements.

Online Classroom Program Includes:

- ◆ History, theory, and methods for evaluating visible emissions;
- ◆ Sources of visible emissions;
- ◆ Air pollution meteorology;
- ◆ Field operations;
- ◆ Legal concepts;
- ◆ Testing procedures;
- ◆ Focus is on how to make reading legally defensible.

Field Activities Include:

- ◆ Presentation of opacity standards to familiarize applicants with the characteristics of those standards and to teach applicants to recognize the standards and determine opacities of stationary plumes.
- ◆ Practice runs of readings. These runs allow feedback to the student and assist in the learning process. Each participant can evaluate their own performance and adjust their readings as needed.
- ◆ Qualification runs. Applicants must meet the following criteria for each run: 50 readings (25 white, 25 black); randomly presented values (from 0-100% opacity); pass on both white and black sets on the same test; average error rate of 7.5% or less; and no error greater than 15% opacity will be accepted.

2023 Spring Smoke School Registration

REGISTRATION

Name: _____ Attendee Email: _____

Name: _____ Attendee Email: _____

Name: _____ Attendee Email: _____

Company: _____

Contact Person & Email: _____

| RICHMOND March 7, 2023 | ROANOKE March 8, 2023 | ABINGDON March 11, 2023 |
|--|--|--|
| <input type="checkbox"/> Classroom & Field Session <i>(The Classroom portion will be held online prior to the field session)</i> | <input type="checkbox"/> Classroom & Field Session <i>(The Classroom portion will be held online prior to the field session)</i> | <input type="checkbox"/> Classroom & Field Session <i>(The Classroom portion will be held online prior to the field session)</i> |
| <input type="checkbox"/> Field Session Only (9:00 am to 11:30 am) | <input type="checkbox"/> Field Session Only (9:00 am to 11:30 am) | <input type="checkbox"/> Field Session Only (9:00 am to 11:30 am) |

ENROLLMENT FEES (per attendee)

Classroom & Field

VTCA Member \$295

Non Member \$325

Field Only

VTCA Member \$275

Non Member \$290

PAYMENT OPTIONS

- ONLINE REGISTRATION** - Visit the Events page at www.vtca.org to register securely by credit card.
- BY MAIL OR EMAIL - CHECKS OR CREDIT CARDS** - Make your check payable to VTCA and mail to VTCA, 620 Moorefield Park Drive, Suite 120, Richmond, VA 23236. Indicate Smoke School on your check. Or fill out the information below to authorize VTCA to charge your card and email to Dana Morris at dana@vtca.org.

Type of card: American Express Visa MasterCard Discover

Credit Card #: _____ CVV Code: _____

Expiration Date: _____ Amount: _____

Name on Card: _____ Signature: _____

Billing Address & Zip Code : _____

Phone: _____

Please provide credit card information above and email the form to Dana Morris at dana@vtca.org. If you are paying by check, please email the form to Dana and then follow it up with your check made payable VTCA and mail it with the registration form to VTCA, 620 Moorefield Park Drive, Suite 120, Richmond, VA 23236.

REGISTRATION DEADLINE: TUESDAY, FEBRUARY 21, 2023

CANCELLATION POLICY

We will be unable to accommodate refunds for cancellations within two weeks of the class you are attending. Substitutions will be accepted within three business days of the class.

LOCATIONS

RICHMOND - MARCH 7

Luck Stone Rockville Quarry
1950 Rockville Industrial Way
Goochland, VA 23146

ROANOKE - MARCH 8

Boxley Blue Ridge Plant
Route 460 East
Blue Ridge, VA 24064

ABINGDON - MARCH 11

Appalachian Aggregates Glade Spring Plant
14196 Monroe Road
Glade Spring, VA 24340