

WESTAR Council

Sources & Control of Volatile Organic Air Pollutants (APTI 482)

October 27-30, 2020

Arizona Department of Environmental Quality

1110 W. Washington Street
Phoenix, Arizona 85007
602-771-2300

Registration Deadline:

Friday, October 2, 2020



REGISTRATION INSTRUCTIONS:

First Time Users:

Please go to: www.apti-learn.net and follow the below steps:

1. Click on the "First time user? Click here to register" link in the upper right-hand corner of the webpage;
2. First screen requires: 1) work email address; 2) first and last names; 3) password; and 4) security question;
3. Second screen asks about affiliation/agency. There are two options for filling out this section:
 - Agency Quick Search, or;
 - Affiliation/Agency
4. Third screen includes a list of job functions and other profile information. You can click as many (or few) job functions as appropriate. Once you have completed this third screen, you are done setting up your profile.

After completing the profile:

5. Click the "Register" tab on the left side, or the "Register" bubble in the middle of the page;
6. Scroll down the Training Calendar until you see training course that you are interested in registering for;
7. On the right side of the table you will see a "register" link;
8. Click the "register" link (be patient it takes a few seconds for the confirmation note to pop-up);
9. You will receive an automatically generated email saying that you have been placed on a waiting list (this is so unapproved attendees can be weeded out).
10. Once approved, you will receive a second email saying you are enrolled.

Previously Registered Users (www.APTI-Learn.net):

1. Enter email address and password in appropriate spaces;
2. Go to step 5 (above) and follow directions.

IF YOU NEED ASSISTANCE REGISTERING FOR THE COURSE PLEASE CONTACT: JEFF GABLER (503) 478-4955 or JGABLER@WESTAR.ORG

TUESDAY, OCTOBER 27, 2020

9:00	am	Welcome, Introduction and Pre-Test
9:15	am	Pre-Test
9:45	am	Break
10:00	am	Properties & Fundamentals
12:00	noon	Lunch (on your own)
1:00	pm	Properties & Fundamentals (cont'd)
2:30	pm	Break
2:45	pm	Source Measurement Techniques
4:30	pm	Adjourn for Day

WEDNESDAY, OCTOBER 28, 2020

9:00	am	National Sources & the Regulatory Approach
10:00	am	Surface Coatings
10:30	am	Break
10:45	am	Surface Coatings (cont'd)
12:00	noon	Lunch (on your own)
1:00	pm	Graphic Arts
2:30	pm	Break
2:45	pm	Calculating VOC Content of Coatings & Ink
4:30	pm	Adjourn for Day

THURSDAY, OCTOBER 29, 2020

9:00	am	Oil & Gas Production
10:00	am	Break
10:15	am	Petroleum Refining
10:45	am	Petroleum Product Storage & Distribution
12:00	noon	Lunch (on your own)
1:00	pm	Petroleum Product Storage & Distribution (cont'd)

1:30	pm	Degreasing
2:30	pm	Break
2:45	pm	Dry Cleaning
3:45	pm	Pre-Test Review
4:30	noon	Adjourn for Day

FRIDAY, OCTOBER 30, 2020

9:00	am	Introduction to Control Technology
10:15	am	Break
10:30	am	Introduction to Control Technology (cont'd)
12:00	noon	Lunch (on your own)
1:00	pm	Post-Test
2:00	pm	Adjourn

ABOUT THE TRAINING COURSE

WHO SHOULD ATTEND: This basic course is designed for individuals within a regulatory agency whose role is to evaluate volatile organic compound emission sources for permitting and to determine the ongoing compliance status of such emission sources. This class is intended for new permit and compliance engineers and scientists who are responsible for permitting and compliance activities.

LEARNING OBJECTIVES: Those completing this course will gain a basic understanding of the different types of volatile organic emission sources are present at industrial facilities and the types of control devices that are available for certain emission sources. Attendees will be able to perform regulatory reviews involving the following elements of gaseous emissions and control:

- VOC Properties & Fundamentals
- National Emissions & the Regulatory Approach
- Source Measurement of VOCs
- Surface Coating Processes
- Graphic Arts Processes
- Petroleum Refining & Product Storage & Distribution
- Degreasing Processes
- Dry Cleaning Processes
- VOC Control Methods

COURSE DESCRIPTION: This course prepares the student to evaluate techniques

typically used to control volatile organic emissions from certain industrial sources. Process descriptions, emission sources and characterizations, regulatory requirements, and emission controls are discussed, along with techniques for field evaluation. Industrial sources covered include surface coating, graphic arts, petroleum refining, petroleum product storage and distribution, liquid asphalt, degreasing and dry cleaning. Supporting topics include basic organic chemistry, photochemistry, VOC properties, source measurement, national emissions inventory, and the Federal approach to regulation of VOC sources. A scientific calculator is required.

SPACE LIMITATION: Registration is limited to 30 attendees. Air quality staff from the fifteen western states receive registration preference.

REGISTRATION FEES: There are no registration fees for state, local or tribal air quality agency staff. For federal employees the registration fees are \$500.

Hotel Palomar Phoenix

2 East Jefferson Street
Phoenix, AZ 85004
(602) 253-6633
Res: (877) 488-1908

Renaissance Phoenix Downtown

50 East Adams Street
Phoenix, AZ 85004
(602) 333-0000

TRAINING LOCATION

Arizona Department of Environmental Quality

1110 W. Washington Street
Phoenix, Arizona 85007
602-771-2300

HOTEL INFORMATION

Attendees and speakers are responsible for making their hotel reservations. Below is a list of potential hotels in Phoenix. The listed hotels are ~1+ miles from training location. WESTAR DOES NOT have room blocks at these hotels. Please ask for government rate.

Hotel San Carlos – Downtown Convention Center

202 N. Central Avenue
Phoenix, AZ 85004
866-253-4121

Hyatt Regency Phoenix

122 N. 2nd Street
Phoenix, AZ 85004
602-252-1234