

WESTAR Council

Control of Particulate Matter Emissions (APTI 413)

June 25-28, 2018

Arizona DEQ
1110 W. Washington Street
Phoenix, Arizona 85007

Registration Deadline:
Friday, June 8, 2018



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 2016 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

MONDAY, JUNE 25, 2018

9:00	am	Welcomes & Introductions
9:30	am	Pre-Test
9:00	am	Break
10:15	am	Course Overview
10:30	am	Review Basic Concepts
12:00	noon	Lunch (on your own)
1:00	pm	Particulate Matter Formation & Regulation
1:45	pm	Particle Sizing
2:30	pm	Break
2:45	pm	Particle Sizing (cont'd)
3:30	pm	Particle Collection Mechanisms
4:30	pm	Adjourn for Day

TUESDAY, JUNE 26, 2018

9:00	am	Particle Collection Mechanisms (cont'd)
10:00	am	Settling Chambers
10:30	am	Break
10:45	am	Settling Chambers (cont'd)
11:00	am	Cyclones
12:00	noon	Lunch (on your own)
11:00	pm	Cyclones (cont'd)
2:30	pm	Break
2:45	pm	Fabric Filters
4:30	pm	Adjourn for Day

WEDNESDAY, JUNE 27, 2018

9:00	am	Fabric Filters (cont'd)
10:30	am	Break
10:45	am	Wet Scrubbers
12:00	noon	Lunch (on your own)

1:00	pm	Wet Scrubbers (cont'd)
2:30	pm	Break
2:45	pm	Electrostatic Precipitators
4:00	pm	Review Pre-Test
4:30	pm	Adjourn for Day

THURSDAY, JUNE 28, 2018

9:00	am	Electrostatic Precipitators (cont'd)
10:30	am	Break
10:45	am	Hoods & Fans
12:00	noon	Lunch (on your own)
1:00	pm	Post-Test
3:00	pm	Adjourn

ABOUT THE TRAINING COURSE

This introductory course is designed for new permit, compliance engineers and scientist within a regulatory agency who are responsible for permitting and compliance activities, and whose role is to evaluate particulate emission sources for permitting and to determine the ongoing compliance status of such emission sources.

Those completing this course will gain a basic understanding of the different types and operating characteristics of control devices that are available for specific particulate emission sources. Attendees will be able to perform regulatory reviews involving the following elements of particulate emissions and control:

- Particle Formation and Control
- Particle Size Distribution
- Reverse Air & Pulse Jet Fabric Filters
- Electrostatic Precipitators
- Particulate Wet Scrubbers
- Hoods & Fans Effect on Control Equipment & Process Emissions
- Emission Testing & Monitoring

Introductory material concerning particle aerodynamic behavior and particle formation is provided as a basic for course materials on particulate control systems. This course provides a foundation for later courses concerning source sampling, inspection, and permit review.

A scientific calculator is required for class exercises.

Air staff from WESTAR member states receive registration preference.

SPACE LIMITATION: The course is limited to 30 attendees.

REGISTRATION FEES: There are no registration fees for state/local/tribal air quality staff. For federal staff there is a \$500 registration fee.

TRAINING LOCATION

Arizona DEQ
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

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