

WESTAR Council

Control of Gaseous Emissions (APTI 415)

June 18-21, 2019

Spokane County Regional Water Reclamation Facility

1004 N. Freya Street
Spokane, WA 99202

REGISTRATION DEADLINE:
Friday, May 17, 2019



REGISTRATION INSTRUCTIONS:

First Time Users (www.APTI-Learn.net):

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:
 - o Agency Quick Search, or;
 - o 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 A COURSE PLEASE CONTACT: JEFF GABLER (503) 478-4955 or JGABLER@WESTAR.ORG

TUESDAY, JUNE 18, 2019

9:00	am	Introduction, Background, Course Overview & Pre-Test
9:45	am	Introduction to Gaseous Emissions
10:30	am	Break
10:45	am	Introduction to Gaseous Emissions (cont'd)
11:15	am	Adsorption
12:00	noon	Lunch (on your own)
1:00	pm	Adsorption (cont'd)
2:30	pm	Break
2:45	pm	Adsorption (cont'd)
3:30	pm	Absorption
4:30	pm	Adjourn for the Day

WEDNESDAY, JUNE 19, 2019

9:00	am	Absorption (cont'd)
10:30	am	Break
10:45	am	Absorption (cont'd)
12:00	noon	Lunch (on your own)
1:00	pm	Absorption (cont'd)
2:30	pm	Break
2:45	pm	Bioreaction
3:30	pm	Oxidation
4:30	pm	Adjourn for the Day

THURSDAY, JUNE 20, 2019

9:00	am	Oxidation (cont'd)
10:30	am	Break
10:45	am	Oxidation (cont'd)
11:30	am	Condensation
12:00	noon	Lunch (on your own)
1:00	pm	Condensation (cont'd)
2:00	pm	Control Techniques for Nitrogen Oxides
2:30	pm	Break

2:45	pm	Control Techniques for Nitrogen Oxides (cont'd)
3:45	pm	Review of Pre-Test
4:30	pm	Adjourn for the Day

FRIDAY, JUNE 21, 2019

9:00	am	Control of Sulfur Oxides
10:30	am	Break
10:45	am	Control of Greenhouse Gas Emissions
12:00	noon	Lunch (on your own)
1:00	pm	Review and Post-Test
3:00	pm	Adjourn

ABOUT THE TRAINING

TARGET AUDIENCE

This course is a basic course that is designed for individuals within a regulatory agency whose role is to evaluate gaseous 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.

COURSE OBJECTIVES

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

- Basic Concepts of Gas Behavior
- Sources of Gaseous Contaminants
- Emission Testing and Monitoring
- Carbon Bed Absorbers
- Thermal Incinerators (or oxidizers)
- Catalytic Incinerators
- Absorbers
- Condensers
- Hood and Fans Effect on Control Systems

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.

TRAINING LOCATION

Spokane County Regional Water Reclamation Facility

1004 N. Freya Street
Spokane, WA 99202

HOTEL INFORMATION

Attendees and speakers are responsible for making their own hotel reservations. The nearest hotel to the Spokane County Regional Water Reclamation Facility is approximately 3 miles. There are no hotels within walking distance. Please ask for government rate.