

Control of Gaseous Emissions (APTI 415)

December 11-14, 2012

Spokane, Washington

NAME: _____

TITLE: _____

AGENCY: _____

ADDRESS: _____

PHONE: _____

FAX: _____

EMAIL: _____

Return to WESTAR:

715 SW Morrison, Ste. 503

Portland, OR 97205

Phone: (503) 478-4955

Fax: (503) 478-4961

REGISTRATION DEADLINE:

Friday, November 9, 2012

HOTEL DEADLINE:

n/a

WESTAR Council

Control of Gaseous Emissions (APTI 415)

December 11-14, 2012

Enduris Washington
1610 S. Technology Blvd.
Spokane, WA 99224
800-462-8418



Western States Air Resources Council

TUESDAY, DECEMBER 11, 2012

9:00	am	Welcome & Introduction
9:15	am	Pre-Test
9:45	am	Basic Concepts
10:30	am	Break
10:45	am	Basic Concepts (cont'd)
11:15	am	Problem Set I
12:00	noon	Lunch (on own)
1:00	pm	Oxidation Systems
2:30	pm	Break
2:45	pm	Oxidation Systems (cont'd)
3:30	pm	Problem Set II
4:30	pm	Adjourn for Day

WEDNESDAY, DECEMBER 12, 2012

9:00	am	Problem Set Review
9:30	am	Absorption Systems
10:30	am	Break
10:45	am	Absorption Systems (cont'd)
12:00	noon	Lunch (on own)
1:00	pm	Absorption Systems (cont'd)
2:30	pm	Break
2:45	pm	Problem Set III
4:30	pm	Adjourn for Day

THURSDAY, DECEMBER 13, 2012

9:00	am	Problem Set Review
9:30	am	Adsorption Systems
10:30	am	Break
10:45	am	Adsorption Systems (cont'd)
12:00	noon	Lunch (on own)
1:00	pm	Problem Set IV
1:45	pm	Condensation Systems

2:30	pm	Break
2:45	pm	Problem Set V
3:30	pm	Bioreaction Systems
4:00	pm	Review of Pre-Test
4:30	pm	Adjourn for Day

FRIDAY, DECEMBER 14, 2012

9:00	am	Problem Set Review
9:30	am	Control of SO ₂ Emissions
10:30	am	Break
12:00	noon	Lunch (on own)
1:00	pm	Post-Test & Course Evaluation
3:00	pm	Adjourn

ABOUT THE TRAINING COURSE

WESTAR's Training Center will host this training course for state, local and tribal air quality professional staff.

Course Description

Students successfully completing this course will understand the operating principles of gaseous control systems used at air pollution control sources. Introductory material concerning gas stream characteristics, and sources of gaseous contaminants is provided as a basis for this course. This course introduces control of nitrogen oxides and sulfur oxides. This course provides a foundation for later courses concerning source sampling, inspection, and permit review. A scientific calculator is required for class exercises.

Major topics

- Basic concepts of gas behavior
- Emission testing and monitoring
- Carbon bed adsorbers
- Thermal incinerators
- Sources of gaseous contaminants
- 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 air quality professionals the registration fee is \$300.

TRAINING LOCATION

Enduris Washington ([Click for Map](#))
1610 S. Technology Blvd.
Spokane, WA 99224
800-462-8418

HOTEL INFORMATION

Attendees and speakers are responsible for making their hotel reservations. Below is a list of potential hotels near Enduris Washington. The listed hotels are within walking distance. WESTAR DOES NOT have room blocks at this hotel. There are numerous hotels in the Spokane area which may be more appropriate for specific needs. Please ask for government rate.

Hilton Garden Inn Spokane Airport

9015 W. Highway 2
Spokane, WA 99224
Tel: (509) 244-5866
Approx. 0.15 miles from Enduris

Wingate By Wyndham

2726 S. Flint Road
Spokane, WA 99224
Tel: (509) 838-3226
Approx. 0.26 miles from Enduris