

CONTINUOUS EMISSION MONITORING (CEM)

December 5-8, 2011

Anchorage, Alaska

NAME: _____

TITLE: _____

AGENCY: _____

ADDRESS: _____

PHONE: _____

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EMAIL: _____

Return to WESTAR:

715 SW Morrison, Ste. 503

Portland, OR 97205

Phone: (503) 478-4955

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REGISTRATION DEADLINE:

Friday, November 4, 2011

HOTEL DEADLINE:

n/a

WESTAR Council

Continuous Emission Monitoring (CEM)

December 5-8, 2011

Alaska DEC
619 E. Ship Creek
Room 311A
Anchorage, Alaska 99501



Western States Air Resources Council

MONDAY, DECEMBER 5, 2011

8:30	am	Welcome & Introduction
9:30	am	Pre-Test
10:00	am	Break
10:15	am	Overview of the Continuous Emission Monitoring Program
11:15	am	Components of CEM Systems
12:00	noon	Lunch (on own)
1:00	pm	Components of CEM Systems (<i>cont'd</i>)
1:30	pm	Analytical Techniques
2:30	pm	Break
2:45	pm	Analyzers
4:30	pm	Adjourn for Day

TUESDAY, DECEMBER 6, 2011

8:30	am	Velocity Meters
9:30	am	Moisture Meters
10:00	am	Break
10:15	am	Sampling Site Location Guidance
12:00	noon	Lunch (on own)
1:00	pm	Components of COMS
2:00	pm	Basic Operating Principles of COMS
2:30	pm	Break
2:45	pm	Data Acquisition and Handling System
3:45	pm	Performance Specification 1
4:30	pm	Adjourn for Day

WEDNESDAY, DECEMBER 7, 2011

8:30	am	Performance Specification 1 (<i>cont'd</i>)
10:30	am	Break
10:45	am	Performance Specification 2
12:00	noon	Lunch (on own)
1:00	pm	Performance Specification 2 (<i>cont'd</i>)
2:30	pm	Break

2:45	pm	Appendix F
4:30	pm	Adjourn for Day

THURSDAY, DECEMBER 8, 2011

8:30	am	Audit Procedures - COMS
9:30	am	Audit Procedures - CEMS
10:30	am	Break
10:45	am	Case Studies
12:00	noon	Lunch (on own)
1:00	pm	Post-Test
2:00	pm	Discussion
3:00	pm	Course Evaluation & Adjourn

About The Training Course

WESTAR's Training Center will host this training course for state, local and tribal air quality professional staff working (or planning to work) with Continuous Emission Monitoring Systems (CEM). This course presents an overview of continuous emissions monitoring and regulatory requirements. The major components of CEM systems and their functions are explained. Inspection and audit procedures for checking CEMS performance are also covered in detail.

Intended Audience:

This course is designed for engineers, environmental compliance managers and plant operations personnel with responsibility for inspecting, operating or locating a CEM system.

Course Topics:

- CEM Records and Report Reviews
- Data Evaluation/Monitor Location
- Extractive Systems
- Proper Auditing Procedures
- In-Situ Systems
- Gas Conditioning Systems
- Regulatory Requirements

SPACE LIMITATION: Registration is limited to 40 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.

Training Location

Alaska DEC
619 E. Ship Creek
Room 311A
Anchorage, Alaska 99501

Hotel Information

Attendees and speakers are responsible for making their hotel reservations. Below is a list of potential hotels in Anchorage, Alaska. Some of the listed hotels may be within walking distance; otherwise, transportation may be necessary. WESTAR DOES NOT have room blocks at these hotels. Please ask for government rates:

COMFORT INN

111 W. Ship Creek Avenue
Anchorage, AK 99501
Phone: (907) 277-6887

DAYS INN

321 E. 5th Avenue
Anchorage, AK 99501
Phone 1: (907) 276-7226

HILTON ANCHORAGE

500 W Third Ave.
Anchorage, AK 99501-2210
Phone 1: (907) 272-7411
Toll Free: (800) 245-2527

ANCHORAGE MARRIOTT DOWNTOWN

820 W Seventh Ave.
Anchorage, AK 99501-3407
Phone 1: (907) 279-8000
Toll Free: (800) 228-9290

WESTMARK ANCHORAGE HOTEL

720 W Fifth Ave.
Anchorage, AK 99501-2198
Phone 1: (907) 276-7676
Toll Free: (800) 544-0970

HISTORIC ANCHORAGE HOTEL

330 E St.
Anchorage, AK 99501-2399
Phone 1: (907) 272-4553
Toll Free: (800) 544-0988

HOWARD JOHNSON PLAZA HOTEL

239 W Fourth Ave.
Anchorage, AK 99501-2395
Phone 1: (907) 793-5500
Toll Free: (800) 446-4656

HOTEL CAPTAIN COOK

939 W Fifth Ave.
Anchorage, AK 99501-2032
Phone 1: (907) 276-6000
Toll Free: (800) 843-1950

