

COURSE 474
CONTINUOUS EMISSION MONITORING
Final Agenda
Richmond, Virginia
March 13 -15, 2018

Sponsored by:
MARAMA

Course Instructor:
James A. Jahnke, Ph.D.
Source Technology Associates
PO Box 12609, RTP, NC 27709

Tuesday, March 13, 2018

8:00 Welcome and Introductions
8:15 Pretest
8:45 Introduction to Continuous Emission Monitoring - Methods for Monitoring Emissions
9:45 BREAK
10:00 Regulatory Requirements for CEM Systems (Part 60)
12:00 LUNCH
1:00 Regulatory Requirements for CEM Systems Continued (Part 63 and Part 75)
2:30 BREAK
2:45 Sampling System Options – Source Level and Dilution Extractive Systems
4:30 Basics of Electro-optical Analyzers
5:00 ADJOURN

Wednesday, March 14, 2018

8:00 Extractive System Monitoring Instrumentation – Electro-Optical Techniques
9:00 Extractive System Monitoring Instrumentation (continued) – Electro-Analytical Techniques
10:00 BREAK
10:15 In-situ Monitors for Gases
11:00 Monitoring for Mercury
12:00 LUNCH
1:00 Units of the Standard and Flow Monitoring (CERMS)
2:00 BREAK
2:15 Certifying a CEM System
3:00 Conducting the RATA – Group Problem
5:00 ADJOURN

Thursday, March 15, 2018

8:00 Opacity monitoring
9:00 Monitoring for Particulate Matter
10:00 BREAK
10:15 Data Acquisition Systems and Reporting
11:15 Predictive Emission Monitoring Systems and PS16
12:00 LUNCH
1:00 CEM Quality Assurance Principles and The QA Plan
1:45 Quality Assurance Principles - Performance Audits
2:30 BREAK
2:45 Quality Assurance Principles – Inspecting CEM Systems and Group Problem
4:30 Post Test
5:00 ADJOURN