

### PART 60 CEMS & COMS REQUIREMENTS

**DESCRIPTION:** This course is designed to provide a thorough review of the Part 60 monitoring, performance, quality assurance, record keeping and reporting requirements for CEMS and COMS. The course will begin Day 1 with an introduction to Part 60, a review of some of the different CEMS types, followed by a summary of certification requirements. Day 2 will delve into the requirements of Part 60 Procedure 1, 3 and 5. Day 3 will cover CEMS and COMS QA/QC Plans, what is required and best practice recommendations, followed by data validity and reporting requirements. The course would be beneficial to environmental managers as well as Instrument & Control Technicians with CEMS responsibilities. The training would be valuable to personnel with limited Part 60 experience as well as a refresher for more seasoned personnel.

#### KEY TOPICS INCLUDED:

CEMS & Regulatory Overview  
Certification Requirements  
Part 60 Appendix F Procedure 1  
Procedure 3  
Procedure 5  
QA/QC Plans  
Data Validity and Reporting

**LEVEL:** Beginner/Intermediate

**PRICE:** \$675.00

### COURSE OUTLINE

#### DAY 1: REGULATORY OVERVIEW – 2 Hours

Regulatory Introduction  
- Applicability and Principle  
- Definitions  
CEMS Types Overview  
- Dry Extractive  
- Dilution Extractive  
- In-Situ  
Initial Certification Requirements

#### DAY 2: APPENDIX F – 3 Hours

Procedure 1 CEMS QA/QC Requirements  
- Daily Calibration Drift  
- Quarterly CGA  
- Annual RATA  
Procedure 3 COMS QA/QC Requirements  
- Daily Drift Checks  
- Quarterly Audits  
\*Optical Alignment  
\*Calibration Error  
\*Zero Compensation  
- Annual Zero Alignment  
Procedure 5 Hg CEMS and Hg STMS  
- Daily Drift Checks  
- Quarterly QGA  
- Annual RATA  
- Hg Calibrator QA/QC  
- Hg STMS QA/QC

#### DAY 3: QA/QC PLANS AND DATA – 2 Hours

CEMS and COMS QA/QC Plans  
- Required Content  
- Best Practice Recommendations  
Data Validity and Reporting  
- General Provisions

**Reserve your spot.  
Register today!**