

## Continuous Emissions Monitoring Systems Course (CEMS) (SC-C-CEMSO)

### Short Description

This course covers operation, maintenance and calibration of the continuous gas analysers and sampling systems of the Continuous Emissions Monitoring System installed on your site.

### Objectives

The course is intended for individuals responsible for maintaining and calibrating CEMS.

### Content

Introduction to continuous gas analysis

- Principles of measurement techniques
- Introduction to IR absorption
- Introduction to Paramagnetic O2 measurement
- Introduction to Laser analysis

CEMS

- Introduction to the EN14181
- Overview of the system

ULTRAMAT/FIDAMAT/OXYMAT

- Hardware structure
- IR Bench
- Gas flow path
- Software menu
- Maintenance

LDS-6/SITRANS-SL

- Hardware structure
- Alignment
- Software menu
- Maintenance

Operation & Maintenance

- On-site training
- Explanation of operation of the CEMS
- I/O, alarms
- Maintenance procedures
- Fault finding exercises

### Prerequisites

PC literate (MS Windows), keyboard and mouse skills. It would be advantageous for attendees to have basic knowledge of instrumentation.

### Note

Included in the above training is a free health check on your system.  
Training Location:- Siemens Worcester or Customer's Site.  
Cost:- £3450.00 + VAT for up to 6 participants.

### Type

Face-to-face training

### Duration

1 day

### Language

en

### Fee

3,630 GBP