

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:- £3215.00 + VAT for up to 6 participants.

Type

Face-to-face training

Duration

1 day

Language

en

Fee

0 GBP