

# CAM and Title V Monitoring

CAM and Title V Monitoring: 2 days

Principal instructor: Dr. Brian Doyle

Supplemental instructor: (EPA staff support is solicited and is provided at EPA's discretion)

Dr Doyle organized this course originally for Rutgers. Most of the handouts and the slide presentation are EPA documents available on the web. Dr. Doyle wrote and presents some supporting material.

## Benefits:

Title V requires sufficient monitoring for owners to certify compliance of major sources and EPA has now promulgated regulations and guidance for the preparation of emission monitoring plans by regulated sources. The CAM rule represents a major shift from the traditional ways that stationary sources have demonstrated compliance with operation and emission standards by providing an alternative to costly continuous monitoring systems (CEM). This course covers the current regulatory status of Title V monitoring programs and presents a number of source examples. It also explains some effective (and some ineffective) monitoring options for some of the most common control devices. Students have the opportunity to evaluate specific monitoring examples.

## Intended Audience:

The course is targeted at regulatory personnel involved in the writing or enforcement of Title V permits. Environmental staff at Title V regulated facilities would also benefit.

## Course Topics:

- Regulatory Basis for Continuous Monitoring
- Current Status of Federal Regulations and Guidance
- Alternatives to CEMS
- Parametric Measurements for Specific Control Devices
- Certification and Credible Evidence