UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

|  |
| --- |
|  |
| NACT 221: INTRODUCTION TO CONTINUOUS MONITORING SYSTEMS COURSE  A picture containing drawing  Description automatically generated |
|  |

## Course Description

This one-day classroom course (which may also be taught via virtual distance learning) provides participants with a basic understanding of continuous monitoring systems (CMS). It provides an overview of key concepts and information on CMS, including purpose and uses, types, systems design and components, regulations, audits/inspections, and enforcement procedures. This course is an introductory course to CMS. For a more in-depth and comprehensive training course on CMS please refer to APTI 474, CMS.

The course materials can be found here:

<https://www.apti-learn.net/LMS/EPAPlanPage.aspx?c=15&t=NACT%20221>

## Course Organization

There are three modules in this course:

* Module 1: Purpose and Types of CMS
* Module 2: Regulatory Aspects for CMS
* Module 3: Audits/Inspections and Enforcement

## Target Audience

This course is intended for a fairly broad audience and could include participants with non-technical backgrounds (e.g., a basic degree in science) as well as technical backgrounds (e.g., a chemical engineering degree). This course is an introductory course for CMS, therefore, no prior knowledge of CMS is presumed. This course is intended primarily for new hires or any participants who need a basic understanding of CMS in their job responsibilities.

Staff who could benefit from the course include, but are not limited to the following:

* Staff who are inspection and/or enforcement personnel
* Staff who observe stack test and CMS certifications
* Staff who review audit reports
* Staff who work on permits

## Course Goals

Upon completing this course, learners will gain a basic understanding of Continuous Monitoring Systems (CMS). They will be able to use the knowledge gained on the following topics to assess the accuracy of CMS data and the ongoing compliance of sources monitored by CMS:

* Types and purposes of CMS
* Review of regulatory basis for CMS
* Overview of enforcement aspects for CMS

## Prerequisites

There are no prerequisites for this course.