



PLAN 360: Control of Particulate Emissions (formerly APTI 413)

Class Length: 16 hours (3 days / 5½ hours each day)

CEU: 2

Who Should Attend

This is an introductory course designed for agency inspectors and permit writers who have the responsibility to review and inspect sources of particulate emissions.

Learning Objectives

This course is designed to give attendees a basic understanding of particulate formation and control systems. Course topics include:

- Particle formation and behavior
- Mechanical Separators
- Fabric Filters
- Wet Scrubbers
- Electrostatic Precipitators
- Compliance Monitoring (Parametric Monitoring, Testing, & Inspections)

Daily Agenda

Topic	Chapter	Day
Introduction	N/A	Day 1
Basic Concepts	1	Day 1
Particulate Matter	2	Day 1
Mechanical Separators	3	Day 1
Fabric Filters	4	Day 2
Wet Scrubbers	5	Day 2
Electrostatic Precipitators	6	Day 3
Capture & Collection	7	Day 3
Compliance Monitoring	8	Day 3

Class Schedule:

Tuesday, August 5, 2025: 9:00 AM EDT – 3:30 PM EDT (1 hour lunch break)

Wednesday, August 6, 2025: 9:00 AM EDT – 3:30 PM EDT (1 hour lunch break)

Thursday, August 7, 2025: 9:00 AM EDT – 3:30 PM EDT (1 hour lunch break)

Class materials will be uploaded to the AirKnowledge session website by Friday, August 1, 2025.

Instructor Bio:

Andrew D. Shroads, QEP has over 25 years of experience in air pollution control, working in the Weirton Steel Corporation Environmental Control Department, as an inspector for the Cleveland Division of Air Quality, and as a consultant for regulatory agencies and private clients. He helps government agencies develop air pollution control requirements and industry control air pollution. He also develops and teaches air pollution control training programs to private clients and government agencies. In his spare time, he researches the history of air quality.



www.scainc.com



2200 Wilson Blvd, #300
Arlington, VA 22201



+1 (703) 893-6600