

PERM348 (APTI 413)

IN-PERSON Training

➤ **PERM348 (APTI 413) – Control of Particulate Emissions**

Course Length

3 days

Dates

August 25-27, 2026

Session Schedule

8:30 am – 4:30pm CT (Day 1 & 2)

8:30 am– 2:00 pm CT* (Day 3)

**This course includes a site visit on Day 3*

Location: This IN-PERSON training course is being held at:

Alabama DEM, Air Division
1400 Coliseum Blvd
Montgomery, AL 36110-2400

There is no registration fee for this training for Metro 4 and SESARM agency staff members. For information about hotel and per diem costs, please contact Scott Hodges at shodges@metro4-sesarm.org.

Registration Deadline: August 14, 2026

Maximum Attendance: 30 Registered Students Per Course in order to allow for instructors to fully engage students and manage Q&A sessions, ultimately making each course more interactive.

Additional Course Information:

Instructor: Andrew Shroads, QEP

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.

Registration and Waitlist: Metro 4/SESARM will work with your agency Training Coordinators to confirm and prioritize attendance as necessary. You will receive a confirmation notice from the LMS system, once you have been ENROLLED in this course.

Registration Instructions:

Students will need to do the following in order to REGISTER for the course in the LMS system:

1. **Create a PROFILE in the new LMS:** If you have not already done so, please create an account in the new LMS [here](#).
2. **REGISTRATION within the LMS:** To do this, please follow these instructions:
 - Log-in to your account and hover over the “My Training” tab on the home page.
 - Select the third option under “My Training” entitled “Instructor Led Training Calendar.”
 - Change the month to November of 2025, if it is not already showing, and scroll down to the course date and click on the course title.
 - Register for the course by clicking on the [blue REQUEST button](#). If the course is full, you will be able to add yourself to the waitlist by clicking the blue button on the bottom right-hand corner which reads **ADD TO WAITLIST**. You should receive a confirmation message that you have been added to the waitlist. You will also receive an automated email once you have been confirmed and added to the roster.
 - Once you have been enrolled in the course, you will be notified of any pre-course requirements.

Accessibility: Metro 4/SESARM strives to host inclusive, accessible training events that enable all individuals, including individuals with disabilities, to engage fully with the instructor and course content. To request an accommodation or for inquiries about accessibility, please contact Scott Hodges using the contact information given below by July 24, 2026.

Please direct any questions about registration or requests for accommodations to Scott Hodges at (601) 540-3703 or shodges@metro4-sesarm.org.

Additional Location and Hotel Information

Training Location

The Alabama DEM, Air Division offices are located at 1400 Coliseum Blvd, Montgomery, AL. The front of the building and main entrance faces Coliseum Blvd. When entering the ADEM building you will need to check in at the front desk. You will then be directed to Conference Room 1303, where the training is being held. If you need assistance finding the room once you arrive, please contact Marcelle McCloud at (334) 270-5693.

If traveling by air, this location is approximately 15 miles from the Montgomery Regional Airport (MGM).

Parking

There is a limited amount of visitor parking in front of the building (west side). Additional parking lots are on the north and east sides of the building.

Hotel Information

Metro 4/SESARM is not planning to reserve a room block for this training event. However, below is guidance and a few suggestions for finding a room in the area if needed. (FYI: The Federal GSA rate for Montgomery, AL is \$110 for August 2026. However, Metro 4/SESARM cannot help you get a GSA rate, as we are not a government agency.)

Below is a list of hotels in the area, but this is not an exhaustive or preferred list.

Area Hotels

Downtown Montgomery

SpringHill Suites by Marriott Montgomery Downtown
152 Coosa St.
Montgomery, AL 36104
(334) 245-2088
4.3 mi. from ADEM offices

Embassy Suites by Hilton Montgomery Hotel & Conference Center
300 Tallapoosa St
Montgomery, AL 36104
(334) 269-5055
4.4 mi. from ADEM offices

EastChase Area

Hilton Garden Inn Montgomery - EastChase
7665 Eastchase Pkwy
Montgomery, AL 36117
(334) 244-0101
10.2 mi. from ADEM offices

Holiday Inn Express & Suites Montgomery E - EastChase
9250 Boyd-Cooper Pkwy Suite A
Montgomery, AL 36117
(334) 271-5516
11.2 mi. from ADEM offices

Fairfield Inn & Suites by Marriott Montgomery – EastChase Parkway
8970 Eastchase Pkwy
Montgomery, AL 36117
(334) 260-8650
11.6 mi. from ADEM offices



Control of Particulate Emissions

August 25 - 27, 2026 | Alabama Dept. of Eng. Management | All Times CDT

Proposed Agenda

Day 1

8:30	Introduction and History of Particulate Control
9:00	Basic Concepts
10:00	Particulate Matter
11:00	Mechanical Separators
12:00	<i>1-hour Lunch</i>
1:30	Fabric Filters
4:30	Adjourn

Day 2

8:30	Fabric Filters (continued)
9:30	Wet Scrubbers
11:00	Electrostatic Precipitators
12:00	<i>1-hour Lunch</i>
3:30	Capture & Collection
4:00	Compliance Monitoring
4:30	Adjourn

Day 3

8:30	Site Visit to International Paper Facility (meet at classroom)
12:00	<i>1-hour Lunch</i>
1:00	Debrief / Questions / Exam
2:00	Adjourn

Control of Particulate Emissions (Equivalent to APTI413/PERM348/PLAN360)

Class Length: 22 hours

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)



Instructor Bio:

Andrew D. Shroads, QEP has over 26 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 local, state, tribal, and federal government agencies develop air pollution control requirements and helps industry comply with air pollution permit and regulatory requirements. He is currently working as the interim environmental manager for two manufacturing facilities in Ohio, developing air pollution control requirements for the state of New Jersey, and assessing the environmental impacts from federal actions across the United States. He also develops and teaches air pollution control training programs. In his spare time, he researches the history of air pollution control.





Control of Particulate Emissions

DATE, 2026 | **In-Person Only** | All Times EDT

Proposed Agenda

Day 1

08:30	Introduction and History of Particulate Control
09:00	Basic Concepts
10:00	Particulate Matter
11:00	Mechanical Separators
12:00	<i>1-hour Lunch</i>
01:00	Mechanical Separators (cont.)
03:30	Fabric Filters
04:30	Adjourn

Day 2

08:30	Fabric Filters (cont.)
10:00	Wet Scrubbers
12:00	<i>1-hour Lunch</i>
01:00	Electrostatic Precipitators
03:30	Capture & Collection
04:00	Compliance Monitoring
04:30	Adjourn

Control of Particulate Emissions (similar to APTI 413/PERM348/PLAN360)

Class Length: 16 hours (2 days / 8 hours each day)

CEU: 2

Who Should Attend

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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
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