



Clean Air Compliance Manager™

Proactively Manage Clean Air Act Compliance and Enforcement Risk

December 8-10, 2026

Clean Air Compliance Manager™ is an intensive, three-day program designed for environmental professionals responsible for managing air permitting, emissions reporting, monitoring systems, and Clean Air Act (CAA) compliance obligations.

Led by a senior air compliance expert and board-certified environmental engineer in air pollution control with more than 40 years of industry and consulting experience, this course bridges regulatory structure with real-world implementation.

Unlike update-only seminars or narrowly focused workshops, this program presents the Clean Air Act as an integrated regulatory framework. It enables participants to understand how NAAQS, SIPs, NSR, Title V, MACT standards, monitoring requirements, and enforcement mechanisms interrelate within a facility's overall compliance strategy.

Business Case for Attendance

Clean Air Act violations carry severe financial consequences. In fiscal year 2024, EPA collected over \$71 million in penalties to resolve Clean Air Act violations in settlements that reduced greenhouse gas emissions alone. The largest stationary source CAA settlement in history was reached with an oil and gas company operating in North Dakota, resulting in a \$64.5 million civil penalty plus over \$177 million in compliance measures. A Utah oil and gas operator settled for \$5.5 million plus \$10.7 million in required compliance and mitigation measures for NSPS violations at 22 facilities. Three natural gas processors collectively paid \$9.25 million in penalties and agreed to improvements at 25 plants and 91 compressor stations across 12 states. Even smaller operations face significant exposure: a New Mexico operator paid penalties for violations at 23 oil and gas production facilities. Common violations include failure to comply with leak detection and repair requirements, NSPS violations, Title V permit deviations, and inadequate emissions monitoring and reporting.

This course reduces reliance on outside consultants. After completing the Clean Air Compliance Manager™ course, your employee returns prepared to evaluate permitting pathways, interpret regulatory obligations, manage emissions monitoring programs, prepare compliance certifications, and proactively reduce enforcement exposure under one of the most technically demanding environmental statutes. Each of these tasks would otherwise require consultant support at rates that typically exceed the cost of this course in a matter of days.

The investment is immediate and practical. Course content is applied, not academic. Participants return with actionable knowledge, reference materials, and direct access to the course presenter for follow-up questions as compliance challenges arise.

Estimated Investment

Course Fee	\$1,625
Discounts*	-\$162.00 (if registered early)

* Group discount of 15% off is available for three or more registrants from the same organization. Government employee, student, and veteran discounts (15% off) are also available. Corporate partnership discounts are also available.

What You'll Learn

This course develops a deep understanding of Clean Air Act requirements and their practical implementation at regulated facilities. Participants build fluency in:

- Structure, intent, and regulatory drivers of the Clean Air Act and the 1990 Amendments
- National Ambient Air Quality Standards (NAAQS) and State Implementation Plans (SIPs)
- Major Source Preconstruction Permitting (PSD and Nonattainment NSR)
- New Source Performance Standards (NSPS)
- National Emission Standards for Hazardous Air Pollutants (NESHAPs) and MACT standards
- Title V Operating Permit development and compliance certification
- Emission inventory preparation and emissions calculations
- Technology-based and risk-based regulatory frameworks
- Air dispersion modeling fundamentals for permitting and compliance
- Monitoring, recordkeeping, and reporting requirements
- Process and control equipment performance standards
- Accidental Release Prevention and Risk Management Program considerations
- Greenhouse gas reporting and evolving federal regulatory pressures
- Stratospheric ozone protection requirements
- Mobile source regulations and fuel programs
- Clean Air Act inspection focus areas and enforcement trends

What You'll Take Back

Participants receive a certificate of completion approved for CEUs by EHS, legal, and engineering bodies, as well as:

- A comprehensive course binder and reference toolkit
- Practical guidance documents and useful references on a flash drive
- Access to presenters for follow-up questions
- Readiness to evaluate permitting pathways, interpret regulatory obligations, manage monitoring programs, and proactively reduce enforcement exposure under one of the most technically demanding environmental statutes.

You will also return with new skills:

- Evaluate permitting pathways and determine the appropriate permit type for new or modified sources
- Interpret Title V permit conditions and prepare compliance certifications
- Develop emission inventories and perform emissions calculations
- Identify monitoring, recordkeeping, and reporting obligations specific to your facility
- Recognize common CAA inspection focus areas and reduce enforcement exposure
- Communicate effectively with state and federal regulators on permitting and compliance matters
- Contact the course presenter directly as future compliance questions arise

Who Should Attend

Clean Air Compliance Manager™ is developed for both new and seasoned professionals responsible for air emission compliance and permit oversight, including:

- Environmental Compliance Managers
- EHS Directors and Air Program Managers
- Engineers involved in air permitting and emissions modeling
- Facility personnel responsible for monitoring and reporting
- Environmental consultants supporting regulated facilities
- Professionals assuming new air compliance responsibilities

Course Format

This is an intensive, presenter-led, three-day program organized into logical modules that build from regulatory foundation to applied implementation. It includes:

- Detailed breakdown of Clean Air Act Titles and regulatory interconnections
- Real-world permit review and interpretation exercises
- Emission inventory development discussions
- Practical modeling and control technology considerations
- Discussion of compliance certification and enforcement scenarios
- Interactive Q&A with an experienced air permitting engineer

Why Aarcher Institute

Aarcher Institute is a professional training organization that has hosted more than 9,500 professionals for more than 20 years. Presenters are selected for regulatory expertise, real-world experience, and demonstrated training ability.

Unlike simple compliance overview courses, our exclusive course content was developed and continually refined by experienced compliance professionals. This is not a self-paced slide deck or scripted presentation delivered by full-time instructors or guest speakers. Practicing EHS professionals provide live instruction and foster open discussion to enhance understanding.

Course Logistics & Planning

Time Commitment	December 8-10, 2026 → 8:15 AM – 4:15 PM (Day 1)(Eastern Time) → 8:15 AM – 4:15 PM (Day 2)(Eastern Time) → 8:15 AM – 3:00 PM (Day 3)(Eastern Time)
Course Location	Online Training
Online Participation	Live-streamed, interactive format with real-time Q&A. Virtual participants engage with presenters and classmates throughout the program.
Certification/Credits	This is not a certification course Participants receive a certificate of completion and approved continuing education credits