Air Quality Permitting Seminar
June 8 and 9, 2010

Staying current with new regulations and maintaining compliance with all of the state’s air permitting regulations (not to mention avoiding fines, penalties and pollution problems) is paramount to the success of any business. All industry, consultant and municipal staff responsible for writing Air Permits should attend this workshop! This two-day workshop will help guide you through the air permitting system in New Jersey!

This workshop has been updated to inform attendees of the latest processes and procedures that will result in the most timely and flexible permits. Our team of experienced instructors will help you understand what permits you need, how to get them and what to do after you have them. They will also give you an “insider’s guide” to the NJDEP website and show you how to streamline the permit application process online. Learn how to save time and money while keeping our air clean!

What Will You Learn?
Day 1 – Overview of the Preconstruction & Operating Permit Processes
- Source operations requiring an air permit per NJAQC 7:27-8 and 22
- Instructions on submitting new or modified pre-construction or operating permits
- Enforcement overview
- How to understand your permit
- Submitting Emission Statements

Day 2 - focuses on more complex permit applications and presents you with more detailed information on specific topics to help you concentrate on the information that best meets your needs or those of your client. See next page for description of sessions.

This course fulfills one of the requirements for becoming a NJDEP-Qualified Auditor for Small Businesses. Visit our website at: http://www.cpe.rutgers.edu/courses/current/en0203ca.html for more information about the NJDEP Environmental Air Compliance Audit Series and Qualified Auditor program.

Instructors
Representatives from the NJDEP will teach all aspects of the seminar and be available throughout the program to answer related questions.

Auditor’s Workshop:
Managing Environmental Compliance
June 17, 2010

This year’s program focuses on Air Pollution Control Technology

NJDEP Air Compliance Seminars
Air Pollution Control Technology Seminar
June 8 and 9, 2010 (EN0203CA10)
$375 before 5/25; $395 after; $355 multiple
Description of Day 2 Sessions

Please note: Attendees will sign up for Day 2 morning breakout sessions on the first day of class. Individuals will be allowed to select one of two concurrent morning breakout session. See listing below. To ensure that the most up to date information is presented, some of these sessions may be revised or replaced on the course date.

AM Breakout Session No. 1

Advances in the Art of Air Pollution Control (SOTA)
The Air Pollution Control Act of New Jersey mandates that new or modified sources, which emit air pollutants, incorporate “advances in the art of air pollution control,” commonly referred to as “State-Of-The-Art” or “SOTA.” In this session, you will learn the answers to the following questions: what is SOTA, what sources are subject to it and how to comply?

CEMs/Stack Testing
Stack tests are required for some permit approvals to verify that emissions comply with the permitted levels while others contain provisions that require the installation of Continuous Emission Monitors (CEMs) to provide hourly emissions information. You will learn how to receive approved testing and equipment protocols; schedule and conduct testing; report test results and resolve problems encountered in the field.

AM Breakout Session No. 2

Subchapter 18 (N.J.A.C. 7:27-18)
You will learn how to conduct a subchapter 18 net emission increase analysis, including: applicability, how to evaluate permit applications along with Lowest Achievable Emission Rates (LAER) technology, to demonstrate emission offsets and to demonstrate compliance with Air Quality Impact Analysis.

OR

Air Quality Modeling & Risk Assessment
In this session, you will find out when dispersion modeling is required as part of the permit review process and what that entails. You will also learn what is modeled, how the modeling results may be required and what tools are used in that assessment. In addition, a draft example of a generic modeling protocol will be supplied and a revised health risk screening worksheet will be available for this presentation.

PM Full Class Sessions

RADIUS
RADIUS (Remote AIMS Data Input User System) allows regulated facilities to electronically prepare and submit preconstruction and operating permit applications as well as yearly emission statements. This session is recommended since the NJDEP now requires electronic applications. (This is an overview, not a hands-on session.)

On-line Permitting
This session will provide an overview of the General Permits currently available, along with those in development. A brief demonstration of using the on-line e-NJEMS system will be presented with special attention to electronic filing of General Permits via the Internet.

Selecting the appropriate air pollution control device is a critical step in environmental compliance. Many questions must be answered prior to making a decision on how to handle emission control. What are the applicable State & Federal Requirements? How do I determine my pollutant loading? What control technology works best for me? Are there ways to reduce my energy and operating costs? Do I have to test my control device for proof of environmental compliance? Obtaining the right answers to these questions will ensure better air pollution control performance and regulatory compliance. That is why this year's Environmental Auditors Course is focusing on air pollution control technology.

Learn how environmental regulations impact the selection and performance of emission controls. Find out which control technologies are best suited for your company's needs. Gain a better understanding of how proper design and energy efficient equipment can save money, while improving system operation.

Hear about New Jersey programs that help companies with environmental obligations and energy efficiency.

What Will You Learn?
- Air Permitting Requirements for Pollution Control
- Stack Testing for Pollution Control Equipment
- Catalytic & Thermal Oxidizer Design
- Scrubber Design
- Precipitator and Bag House Design
- Performance Optimization
- Energy Conservation

This course fulfills one of the requirements for becoming a NJDEP-Qualified Auditor for Small Businesses. Visit our website at: http://www.cpe.rutgers.edu/courses/current/en201ca.html for more information about the NJDEP Environmental Air Compliance Audit Series and Qualified Auditor program.

Instructors
David Taub, Innovative Scrubber Solutions, Inc.; Stephen Parker, HiTemp Technology Corporation; James Peters, Hamon Research-Cottrell and speakers from the NJDEP will teach the seminar and be available throughout the program to answer related questions.

Auditor’s Workshop
June 17, 2010 (EN0201CA10)
$245 before 6/3; $275 after; $215 multiple

Coming this Fall - Mark Your Calendar!
Introduction to RADIUS
This one-day, hands-on computer workshop provides practical, step-by-step instruction in the basic elements of RADIUS. Using a computer workstation and actual permitting data, you will gain useful experience with the NJDEP's software and online resources.

Advanced Permitting using RADIUS
This advanced class is a must for any serious RADIUS user and a perfect compliment to "Introduction to RADIUS." During this hands-on computer training course you will explore newly developed and advanced RADIUS features.

Emission Statements using RADIUS
This one-day workshop provides practical, step-by-step instruction in the basic elements of RADIUS for emission statement reporting. Using a computer and actual facility emission statement data, you will gain hands-on experience with the NJDEP's software and online resources.

Radon Measurement
This 2-day course covers selection, placement, operation and set up of radon measurement devices and making mitigation referrals.

Radon Mitigation
After you complete the 2-day Radon Measurement course, you can begin your move into the field of radon mitigation with this 3-day course. You’ll learn how to diagnose and then correct radon problems.

For more information, please contact our office at 732-932-9271 or visit our website at www.cpe.rutgers.edu

4 CONVENIENT WAYS TO REGISTER

Phone: 732.932.9271, M-F 8AM - 4:30PM. Please have your Visa, Mastercard or AMEX number ready.
Fax: 732.932.8726, 24 Hours. Please include credit card information or copy of your check, money order or purchase order with your fax.
Mail: Registration Desk, NJAES Office of Continuing Professional Education, Rutgers University, 102 Ryders Lane, New Brunswick, NJ 08901-8519. Please make check payable to: Rutgers University
Web: Please visit our website at: www.cpe.rutgers.edu for information.

Payment Policy - All students must have prearranged for payment to be admitted to the class (purchase order, check, VISA, Mastercard, American Express or money order).

Refunds - You may withdraw from this course with a full refund (minus a $50 processing fee) provided our office is notified at least three (3) full working days prior to the start of the course. Beyond that time, registrants may be responsible for the full registration fee. Substitutions are welcomed.