

Basic physical/chemical wastewater treatment

At

Atotech USA, 1750 Overview Drive, Rock Hill, SC 29730

Dates: July 20, 27, August 3, 10, 2009 (28 Contact Hours)

Time: 8:30 A.M. to 4:30 P.M.

Who's presenting?

Jim Matthews: Your instructor is president of On Line Environmental, Inc. Jim is a graduate of The Citadel and has worked in plant and system operations since 1976. He holds a SC A license in Water Treatment, Physical/chemical and Physical/Chemical Wastewater Treatment. He has been teaching and assisting operators for public and private organizations for the last 22 years. Jim's teaching style encourages class participation while carefully explaining concepts essential to understanding the many topics associated with physical/chemical wastewater treatment operations, maintenance and management.

Who should attend and why?

- **Trainees** seeking more understanding of system operations and preparing for certification exams
- **Operators** preparing for D and C level physical/chemical wastewater operator certification exams
- **Operators** wishing to improve their skills and understanding of system operations
- **Operators** seeking continuing education to be applied toward license renewal
- **Managers** seeking to improve their technical understanding
- **Anyone** wishing to further their understanding of physical/chemical wastewater treatment

Course Description: This 28-hour course will introduce the learner to basic concepts of physical/chemical wastewater treatment. The class materials have been selected to assist the learner in preparation for the D and C-level Physical/Chemical Wastewater Operator exams. Presentation styles will include lecture, demonstration, PowerPoint slides, video, interactive competitions, discussion, workbook exercises and class participation. Review and emphasis of course objectives is presented through a competitive Classroom Jeopardy! ® game at the end of the course.

Course Objectives: This course is designed to assist the operator in preparing for the South Carolina "D" and "C" Physical/chemical Wastewater Certification Exam. At completion of this course, the operator should be able to:

1. Perform math functions such as basic operations, operations with fractions, decimals, conversions, percentages and simple problem-solving.
2. Perform more complex math functions such as problem-solving with equations.
3. Define terms common to physical/chemical wastewater treatment.
4. List wastewater characteristics of various types of industries.
5. List and describe the various physical/chemical treatment processes and their operations.
6. Describe the various support systems and their components associated with physical/chemical treatment processes.
7. List and describe the lab analyses associated with these processes and the proper lab techniques and safety precautions involved.
8. Describe maintenance procedures associated with the physical/chemical treatment plant and equipment.
9. Describe the safety procedures associated with physical/chemical plants and equipment.

Please bring a calculator to class; handouts and pens will be provided.

A record of your attendance will be kept on file and a certificate of completion will be issued to each attendee.

Registration Fee: \$425.00

Contact Jim or Linda at 803-939-4983 or email Jim at jmatthews@oleinc.com for directions to the class location.

Class Registration Form

(Must be received at least **two business days** prior to class date to allow time for printing)

Basic Physical/Chemical Wastewater Treatment in Rock Hill, SC, July 20, 27, August 3, 10, 2009:
\$425.00 registration fee

Name: _____ Phone: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Email: _____ Fax: _____

Payment method: Visa MasterCard Purchase Order Check enclosed

Purchase Order Number: _____

Billing address (if different): _____

Credit Card # _____ - _____ - _____ - _____ Expires ____/____

Be sure the billing address is the same address used for your credit card.

You may also call 803-939-4983 to pay by credit card.

Refund Policy: A 90% refund will be given for cancellations no later than seven business days prior to the class start date. Substitutions are allowed. On Line Environmental reserves the right to cancel or reschedule any class due to inadequate enrollment or circumstances beyond the control of the company or instructor. A full refund will be offered in such cases.

Registration must be made at least **2 business days** prior to start date of class to allow time for printing. Class size is limited, register early.

Contact us at:

On Line Environmental, Inc.
200-B Rich Lex Drive
Lexington, SC 29072

803-939-4983
Fax: 803-939-4984

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jmatthews@oleinc.com

