



The Right People, The Right Solutions, Right Now!

Dear Boiler Customer:

Tate Engineering Systems, Inc. presents this special invitation for the "2012 Cleaver-Brooks Intermediate Boiler Systems PLUS Seminar – The Next Level."

Intermediate Boiler Systems PLUS Seminar – The Next Level is a two-day course that takes the recipient beyond what was covered in the Introductory Boiler Systems PLUS Seminar – Operations, Safety, Reliability and Efficiency. Using the information provided in that course as a base, it emphasizes boiler evolution and applications, control schemes, burner advances, energy conservation, emissions, system reliability and as always safety.

Who should attend?

This seminar is designed for Boiler Operators, Maintenance Personnel and front line Supervisory Personnel that have previously taken Introductory Boiler Systems PLUS Seminar – Operations, Safety, Reliability and Efficiency or have equivalent experience.

Objective:

The overall objective of this seminar is to build upon prior knowledge while emphasizing energy conservation, emissions, system reliability and safety. This includes a more in depth understanding of boilers and how they can be successfully applied to all processes as well as how energy can be saved through retrofit able options and controls. The program extends out into the plant to include key components of steam distribution and condensate returns; focusing on optimizing efficiency and safety.

Agenda:

- **Boiler types, applications and selection**
- **Burner technology and evolution**
- **Burning various fuels beyond natural gas**
- **Improving combustion using O2 trim, draft Control, parallel positioning and combustion air preheating**
- **Advancing controls today and how to reduce energy consumption and improve reliability**
- **Ancillary equipment such as deareators and dealkalizers and their role in energy savings and reliability improvement**
- **Water treatment chemistry and injection**
- **Identifying savings in the boiler room to capture otherwise parasitic losses**
- **Steam systems optimization for efficiency and safety**
- **Boiler safety interlock testing methods done safely to remain safe**
- **Heat recovery methods and equipments**
- **Safely cutting boilers into cold and hot systems**
- **Proper boiler isolation and lay up metho**

The 2012 Cleaver-Brooks Intermediate Boiler Systems PLUS – The Next Level Seminar will be held in Annapolis, MD on Tuesday and Wednesday, September 11-12, 2012. The course fee of \$575.00 per person includes meeting materials, tuition, and breakfast and lunch on both days, and a 2 hour Reception at the conclusion of Day 1 Training. Detailed enrollment and hotel information can be found on the attached registration form.

Attendance for the Seminar is take on a first-come, first serve basis. Attendees are responsible for their own travel and hotel arrangements and fees

We, at Tate Engineering Systems, Inc., look forward to meeting you and invite you to forward this invitation to others within your organization. Our highly experienced team is always ready to help you find the “Right Solution” for your Boiler Needs.

Please contact me at 1-800-800-8283, ext. 107, if you have any questions or visit or website at www.tate.com to download a registration form.

Sincerely,

A handwritten signature in black ink that reads "Brandy Merson". The signature is written in a cursive, flowing style.

Brandy Merson
Seminar Coordinator



Intermediate Boiler Systems Plus Registration Form

Information: 800-800-8283 x107 - Fax this form: 443-718-4435 OR Email: Brandy.Merson@TATE.COM

ATTENDEE INFORMATION - one form per person

(Mr., Ms., Dr.) First Name _____ Last Name _____

Name as you'd like it on badge _____ Title _____

Company _____

Address _____

City/State/Zip _____ Country _____

Phone _____ Fax _____ Email Address _____

NOTE: Email will be used whenever possible for notifications about Seminar developments and your attendance.

Are you an: End User Distributor Host Other _____

Please indicate any special needs:

1. Special Diet/Vegetarian _____

2. Other _____

REGISTRATION FEE: \$575.00 per person includes continental breakfast, breaks, lunch, end of day 1 reception and training materials.

Please register me for: **September 11-12, 2012**
Sheraton Annapolis
173 Jennifer Road
Annapolis, MD 21401
(410) 266-3131

METHOD OF PAYMENT:

Check or money order enclosed: Made payable to **Tate Engineering Systems, Inc. for \$575.00**

**** (Please send checks along with registration form to: 1560 Caton Center Drive, Baltimore, MD 21227)**

Fax credit card registrations to: Fax 443.718.4435 (Charge will appear as "Tate Engineering Systems, Inc.")

Credit Card Type: Visa MasterCard American Express

Cardholder Name: _____

Credit Card #: _____ 3 digit VCode: _____

Expiration Date (MM/YY): _____/_____

Signature: _____

Note: Travel and hotel reservations are the responsibility of the attendee. Please contact The Sheraton Annapolis directly to reserve a sleeping room. A group rate of \$119.00 per night has been negotiated Until August 10, 2012.