

Miller & Chitty Co., Inc. is pleased to present

## The Cleaver-Brooks Boiler Systems Plus Training Seminar - Operations, Safety, Reliability and Efficiency

Tuesday and Wednesday, May 18<sup>th</sup> and 19<sup>th</sup>, 2010 in Clark, NJ  
Time: 8:00am - 4:00pm each day

### Agenda:

- Overview of the most common boiler designs and their differences
- Why some boilers operate better in certain situations than others
- Thermodynamics and heat transfer
- Total system efficiency - where the losses occur
- Steam system load demand impact on the vessel
- Steam quality and steam purity
- Boiler operating controls, their function and relation with the flame safeguard
- Boiler accidents can be avoided - the why and how.....
- Proper maintenance recommendations
- Burners and combustion, the theory and application
- Emissions and how they can be controlled
- Boiler schematic wiring diagrams - how to read them and understand
- Sequence of operation including insights into troubleshooting
- How the flame safeguard interfaces with the logic within the burner control system
- Pretreatment equipment: softeners, deaerators, and feed systems
- Boiler feed pumps emphasizing pump curves and cavitations
- Hot water boilers and systems

For more information and to register please contact Harmony Bertrand at [hbertrand@millerchitty.com](mailto:hbertrand@millerchitty.com) or 908-241-4500 - Hurry.....space is limited. Tuition for this Cleaver-Brooks two day seminar is \$525.00 and includes all training workbooks and materials, breakfast and lunch both days and dinner on May 18<sup>th</sup>.