

Boiler Systems Plus Level 2 Seminar

B. J. Muirhead Co., Inc. is pleased to host the upcoming Cleaver Brooks Boiler Systems Level 2 Seminar.

WHO: This 2-day course is designed for boiler operators, maintenance professionals, plant supervisors or any professional who wants to know about boiler safety and proper operation.



WHAT: Provided by a C-B Certified Technical Instructor, this program is designed to impart knowledge about the sequence of operation, safety procedures, and care of the boiler system. Attendees will learn the basics of thermodynamics, heat transfer, combustion, and boiler designs. Additionally steam systems will be covered to include what happens during swing loads, improving system efficiency, and the safe and proper use of the boiler and its system. Also covered in the course are boiler controls, how to read C-B wiring diagrams and the sequence of operation.

After the completion of this course, you will be able to:

- Know the principles of combustion and heat transfer.
- Differentiate boiler types and their applications
- Identify boiler design and their components
- Know burner design and its components
- Properly identify where gains can be made in system efficiency
- Read boiler wiring diagrams and discuss how they are used in the troubleshooting process
- Know the recommended maintenance preventive procedures for your unit
- Review the sequence of operation of a boiler and how it is used in the troubleshooting process.
- Discuss safety parameters when around a boiler and what to do in emergency situations.
- Identify boiler room ancillary equipment and its purposes.

AGENDA:

- Thermodynamics Theory
- Boiler Design
- Combustion Fundamentals
- Burner Construction
- Boiler Room Equipment
- Total Steam Efficiency
- Steam System Load Demand
- Steam Traps Basics & Best Practices
- Boiler Maintenance & Safe Operation
- Boiler Operating Controls
- Starting Boiler and Putting online
- Boiler Shutdown Isolation and Layup
- Boiler Safety Device Checking
- Low Water Cut Off Design and Care
- Safety Incident Reports
- How to Read a Wiring Diagrams
- Flame Safeguard

WHEN: September 10-11, 2024

WHERE: Salvatore's Hospitality Center | 6461 Transit Rd | Depew, NY 14043

HOTEL: Garden Place Hotel | (716) 635-9000 | Booking code: "WNY BJ Muirhead Seminar"

QUESTIONS: Melissa Rauen (716) 667-7100 X230 or Melissa@BJMuirhead.com