International Combustion and Controls (ICC) Associates have over 40 years of experience operating, maintaining, and improving power plants, utility plants, and industrial steam plants from 30,000 lbs/hr steam plants up to 750mw power plants firing any fuel. We are Subject Matter Experts in Steam Plant Operations and Maintenance, NFPA Burner Management Systems, Combustion Systems, and Control Systems.

**We service and improve all types of Burner Systems**

- Single Point Positioning
- Parallel Positioning
- Parallel Positioning with Position Feedback
- Fully Metered/Cross Limited
- Oxygen/NOx/CO Trim
- Single and Three Element Level Control

**We service all types of Fuels**

- Natural Gas • #2 - #6 Oil
- Single, Dual, Multiple and Combination Firing
- Liquid and Gaseous Waste Fuels • Hydrogen

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ICC Provides The Following Services

- Burner start-up, tuning and testing.
- Annual calibrations on all instrumentation.
- Burner Management Systems improvements and upgrades from Basic Microprocessor to Fully Redundant PLC Systems with First-Out Indication and Time-Stamping
- Combustion Control improvements and upgrades from Single-Loop to DCS and from Single-Boiler to Entire Steam and Water Plants

BMS Standard Offering

- Panel Arrangement and Wiring Diagrams
- BMS Sequence of Operations
- I/O List
- Communications Map for External System
  Ethernet IP, Modbus TCP/IP or Modbus RTU
- HMI Screenshots

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