FUSION

Simplifying AUTOMATION

SAVING...
FUEL COST 7-14%

FUSION
COMBUSTION CONTROL

SYSTEM COMPONENTS

- In-Situ oxygen analyzer
- Prewired panel
- Customized controller
- Inputs/outputs
- Touch screen
- Power supply
- VFD
- Temperature sensors
- Pressure sensors
- Control valves
- Flow metering [optional]
- BMS [optional]
- GSM telemetry [optional]

FEATURES

- Cost effective solution
- Oxygen analyzer
- O^2 trim micro modulation combustion control
- Adaptation to any burner/boiler

APPLICATIONS

- Fired boilers
- Packaged boilers
- Fire tube boilers
- Water tube boilers

FEATURE & BENEFITS

FUSION is a cost-effective, rugged and reliable Micro Modulation Combustion Control System with In-Situ flue gas oxygen analyzer for boilers. It uses industry-proven zirconium oxide sensor technology and has complete control system to drive air fuel ratios as per demand.

FUSION is a complete engineered package solution, prepared and based on Micro Modulation Combustion Control System with O2 Trim.

FUSION is basically for fired boilers, however it can be implemented any fire/burner operating equipment. High speed and high density special logic control system with touch screen for parameter display, setup.

FEATURES:

Micro modulation control loops | Onsite customizable | Plug & play commissioning | Adaptation to any burner/boiler | Reliable | Cost effective and user friendly | Guaranteed energy conservation by keeping optimum level of fuel combustion

BENEFITS

Due to micro modulation smooth control of steam load regulation production in plant has enhanced up to 10%. Fuel saving up to 15%* and electrical energy cost will be reduced up to 70%. Typically a customer will get payback of the system within 2-3 months by saving fuel and electricity cost.

FUSION solution is ideal for anyone looking for a cost effective automation and energy conservation solution to their combustion control. Combustion optimization and excellent load regulation is achieved by incorporating oxygen trim system, it may be possible that O^2 trim system may **conserve 7-15% fuel energy** on average steam demand load as compare with traditional operation of the burner modulation.