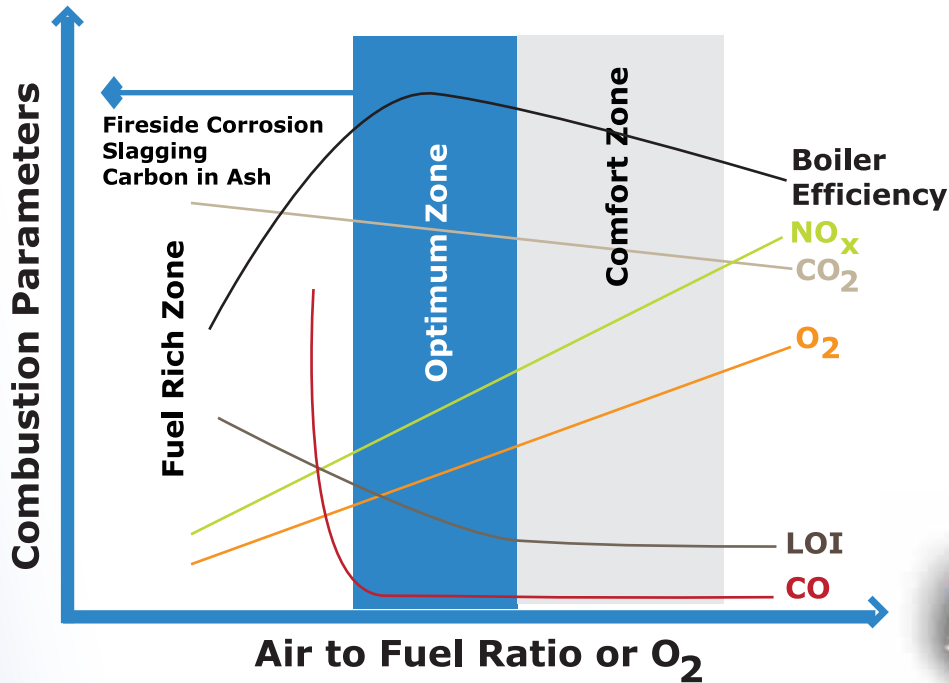


ACCURATE, RELIABLE CO MEASUREMENT TO IMPROVE YOUR COMBUSTION



- ▶ REDUCE NO_x EMISSIONS
- ▶ IMPROVE EFFICIENCY
- ▶ DECREASE SLAGGING
- ▶ IMPROVE O₂ CONTROL
- ▶ DECREASE WATERWALL CORROSION
- ▶ DECREASE LOI



- ▶ EASY INSTALLATION - ANY PROBE LENGTH AND FLANGE SIZE TO FIT YOUR DUCT

- ▶ PATENTED PROBE HEAD AND AUTOMATIC PURGE KEEP ASH OUT

- ▶ MULTIPLE LEVELS OF MOISTURE AND WATER VAPOR SEPARATION ENSURES ACCURACY AND RELIABILITY

- ▶ AUTOMATICALLY ZEROES THE NONDISPERSIVE INFRARED ANALYZER TO ELIMINATE DRIFT AND IMPROVE ACCURACY





DMCC-CO – Continuous Combustion Analyzer

Electronics Specification

- **Inputs:** Dedicated Single and Multi-Zone Analyzers
- **Output Signal:** 4-20mA, RS485 and Local Data Display/Recording via HMI
- **Detector Type:** Single Pass, Non-dispersive Infrared
- **Measuring Range:** 0 to 1,000 ppm, 0-2000 ppm or 0-5000 ppm
- **Sensitivity:** 1ppm
- **Accuracy:** Detection limit of 2 ppm
- **Data Logger:** Data Trending and Logging via HMI
- **Calibration:** Auto-Zero, One Touch Calibration and Auto-Calibration
- **Back Purge:** Fully Automatic(sample line and probe)
- **Sample Conditioning:** Integral for moisture and particulate
- **Power:** 120/230 VAC, 50/60 Hz

Optional Diagnostic O₂ Measurement

- **Dry Extractive O₂ Measurement utilizing in-line Zirconium Oxide sensor**
- **Accuracy:** 0.25% of FS

Additional Measurements of CO₂, SO₂, NO and Temperature Available

Sampling Probe Specification

- **Material of Construction:** 316SS
- **Dimensions:** application dependent
- **Process Connection:** ANSI 150#, RF Flange
- **Particulate Filter:** SiC Filter, integral to probe
- **Patented Particle Separation System** (patent no. 12/390025)

Environmental Energy Services Corp.
5 Turnberry Lane
Sandy Hook, CT 06482