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Combustion, Emission and Steam Solutions

- Low and ultra low NOx burners and burner retrofits
- BMS and CMS system design and hardware
- Custom design SCR Systems
- Burner air fuel mix recalibration
- Pre-emission test and boiler tune-ups
- Heat rate, efficiency studies and plant improvement
- Vapor recovery
- Particulate and CO2 control

Valve and Automation Solutions

- Severe service valve sizing and selection
- Valve and actuation packages, pneumatic, hydraulic and electric
- Noise and cavitation control
- Total valve management programs
- Turbine by-pass
- Desuperheating and attemperation
- Damper drives
- Vent to atmosphere and silencers
- Best fit for purpose replacement recommendations
- Ease of operation and life cycle cost considerations

Instrumentation Solutions

- Flow, level, pressure, density and temperature

Services

- Factory trained service personnel
- Commissioning and startup technical support
- Technical seminars and training
- Valve and actuator calibration and startup
- Instrument calibration and startup
- Complete turnkey project capabilities
- U.L. 508 custom design
- Project CAD drawings
- PLC Programming
- CFD and modeling