

Credible Steam Engineering , Process Automation and Environment Monitoring Solutions for the Power Industry



Built-to-Application Solutions, with Proven Track Record of long & Reliable Performance in many critical applications.

Steam Engineering Solutions

- PRDS (Pressure Reduction & Desuperheating), Ejectors and Gland sealing PRDS, De-Aerator PRDS, Dump PRDS & Tube
- Desuperheaters / Attemperators for Steam
- Turbine by-pass valves : HP/LP Valves for Steam
- Control Valves for Steam & Water (1" to 12" up to # 2500)

Metering and Measurement Solutions

- Displacer Level Transmitters & Mechanical Level Gauges for Boiler Drum Level Control in HP & LP Heaters
- Nucleonic Density Transmitters for Coal Ash Slurry
- Gas Conditioning Skids for Natural Gas Application
- Electro-Magnetic & Ultrasonic Flow Meters for utilities like Sea Water, Raw Water, DM Water
- Ultrasonic Gas Flow Meters for Flue Gas Emission
- Portable Ultrasonic Flow Measurement for Utilities & Audits
- Coriolis Flow Meters for LSHS, Fuel Oil, Natural Gas
- Admittance, Nucleonic or Paddle Level Switches for Solids
- Temperature RTD's, T/C, T/W & Transmitters
- Gas Regulators for Natural Gas : Self acting Direct & Pilot Operated

Analytical Solutions

- Combustion Control - CO Analyzers at Economizer inlet
- Combustion Control - O₂ Analyzers for Air Heater Inlet & Outlet
- H₂ Purity Analyzers for Generator Application
- SO₂ & O₂ Analyzers for Flue Gas Desulphurization
- NO_x & O₂ Analyzers for De-NO_x Systems
- CO Measurement in Coal Mill Application
- Calorific Analyzers for Natural Gas using Gas Chromatographs & associated applications for Combustion Chamber
- Continuous Emission Monitoring Systems (CEMS) for Stack Gases, to measure SO_x, NO_x, CO, CO₂, Hg etc.
- Dust / Opacity monitors for stack exhaust gases, ESP performance etc.
- Ambient Air Quality Monitoring Systems (AAQMS) for SO₂, H₂S, NO_x, NH₃, CO, CO₂, PM10, PM2.5 Sampling and SCADA for Pollution Monitoring & Reporting
- Flame & Gas Detection Systems for Toxic, Flammable, Hazardous Gasses, Point IR Gas Detectors, Catalytic, Electro-chemical & Flame Detectors etc.

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