

Automation solutions that endure hostile & aggressive working environments of the Steel, Mining & Metal Industry



Analytical Solutions

- Auto Sampling and Gas Analyser Systems for various exhaust gases from Mills, Kilns, Pre-heaters, Coal Mills, Coke Oven Batteries, Blast Furnace, LD Convertors, DRI Furnaces etc.
- Calorific Value / Wobbe Index Analyzers
- Continuous Emission Monitoring Systems (CEMS) for Stack Gases to measure SO_x, NO_x, CO, CO₂, HCL, HF, THC, Hg etc.
- Dust / Opacity monitors for stack exhaust gases
- 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 from various exhaust, SIL2 hybrid sensors, SIL3 certified Controllers, Point IR Gas Detectors, Catalytic, Electro-chemical & Flame Detectors etc.

Metering and Measurement Solutions

- Ultrasonic Flow Meters for BF, Stack & Waste Gases
- Flow Metering Skids for Liquids and Natural Gas lines.
- Volume measurement of BF Gas using Ultrasonic Flow
- Flow Meters : Electro-Magnetic, Coriolis, Ultrasonic Flow Meters for Liquids & Gases
- Level : Displacer, Admittance, Gauges, Nucleonic, Paddle, Diaphragm & Vibration type Switches for various bulk Solids
- Temperature : RTD's, T/C, T/W, Transmitters, Gauges
- Gas Regulators for Natural Gas : Self acting Direct & Pilot operated
- Oxygen Analyzers for Combustion monitoring using Zirconia sensors

Steam Engineering Solutions

- PRDS (Pressure Reduction & Desuperheating), Dump PRDS
- Desuperheaters, Turbine Bypass Valves, Control Valves for Steam and Water

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