



(Includes Blair-Alexander Division)

Process and Automation Capabilities and Solutions



Denver

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for

Pulp & Paper

Oil & Gas

Petrochemicals & Refining

Foods & Pharmaceuticals

Power Generation & Utilities

Water/Wastewater

Manufacturing

Semiconductor

Mining

Industry Solutions

Process Measurement & Controls

- Honeywell Industry Measurement & Control Products.
 - Smart Temperature & Pressure Transmitters.
 - Wireless Transmitters.
 - UDC Process Controllers.
 - HC900 Modular Controllers.
 - Trendview series Data Acquisition & Recorders.
 - Herculine Actuators.
 - Corrosion Prevention.
 - Analytical Measurement (pH/ORP, conductivity, dissolved oxygen).
- Pyromation Thermocouples & RTD's.
- Raytek Infrared temperature measurement.
- Red Lion Monitoring and Control.
- OPTO 22 Data Acquisition Systems.

Heat Processing Solutions & Products

- Precision Quincy Ovens.
- Lindberg/MPH Non-Ferrous Melting Furnaces.
- Lindberg Ceramic Kilns, Laboratory Furnaces.
- Lindberg Heat Treat Furnaces & Atmospheric Generators.
- ITS Custom & Specialty Ovens.
- Harbridge Air to Air Heat Exchangers.
- Castaloy Heat Treating Equipment & Furnace Parts.
- Heat Processing System Engineering & Service.

Centrifugal Blowers, Exhausters, Air Dryers, & Vacuum Systems

- Gardner Denver Hoffman & Lamson Products.
- Kemp Instrument Air Dryers.
- Novatec Custom Compressed Air, Process Air & Gases, and Hydrocarbon Liquid Dryers.

Ancillary Products

- Power Sonics Ultrasonic Cleaning Systems & Power Supplies.
- Vaisala Humidity, Dewpoint, Carbon Monoxide and Ammonia Sensing.
- Marsh Bellofram.

Industrial Burner Products & Solutions

- Maxon Industrial Burners & Valves
 - Industrial Burners for Air, Oven, Furnace, Boiler & general heating.
 - Automatic Safety Shutoff and Vent Valves.
 - Micro-Ratio Control Valves
 - SMARTLINK Control Valves.
 - SMARTFIRE Intelligent Combustion Control Systems.
- Honeywell Burner & Boiler Controls.
- IRIS Flame Detection Systems.
- Protection Controls Flame Supervision & Combustion Control Panels.
- Combustion System Engineering & Service.

Repair & Calibration Services

- NIST Traceable Calibrations.
- Honeywell Field Measurement Products Supported.
- Honeywell Sensing & Control Products Supported.
- Repair/Calibration of Rosemont, Foxboro, Yokogawa, Bailey and Yamakake Field Measurement Products.
- Remote Diaphragm Seals.
- 24 Hour Emergency Service.

Projects Group

- Control System Detailed Design Services.
- Multiple Control System Platforms.
- Diversified Control System Applications.
- Control System Construction & Testing Services.
- Sight Survey and System Specification Services.
- Complete System Programming Services.

Control System Design, Integration and Fabrication Services

Control System Detailed Design Services

- Process Control Strategy Design
- Sequential Logic / Interlock Design
- Electrical Design
- Loop Control Design
- Instrument Specification
- Equipment Procurement
- Cabinet, Panel & Piping (Skid) Design
- Autocad Drawing Development
- Documentation Package Development

Control System Platforms

- General Purpose PLC
- DCS/Hybrid
- Critical Controllers
- I/O Systems
- SCADA & HMI Software

Control System Applications

- Continuous Process Control
- Batch Process Control
- Boiler Burner Management
- Furnace Burner Management
- Boiler Process Control
- Furnace Process Control
- SCADA
- Blending Control
- Packaging Systems
- Pilot Plants
- Conveyor System Automation
- Thermal Oxidizers
- Sequential Logic Control
- Discrete Logic Control
- Water Management
- Extruders
- Kiln, Incinerator & Oven Controls
- Data Acquisition (DAQ)

Control System Construction & Testing Services

- Cabinet & Panel Assembly & Wiring
- Piping Skid Construction & Wiring
- Electrical & Functional Testing
- Logic Function Testing
- Alarm Handling Verification
- Piping Skid Pressure Testing
- Structural & Piping NDE Testing
- Factory Acceptance Testing

Sight Survey and System Specification Services

- Review Of Existing Installation
- Review Of Applicable Standards & Codes
- P&ID Development
- Control System Specification Development

Programming Services

- PLC Programming
- Ladder, IEC I 31
- Process Control Programming
- DCS Programming
- SCADA System Programming
- HMI Graphics Programming

