



Control Valves

Isolation Valves

Regulators

Smart Wireless Instrument & Networks



Fisher® – Control Valves, Severe Service Isolation Valves, Valve Positioners, Controllers and Control Valve Accessories

www.emersonprocess.com/fisher

- Control Valves – Globe, Ball, Eccentric Plug and Butterfly
- Severe Service Control Valves – Noise Attenuation & Cavitation Protection
- Fisher® Z500 Severe Service Metal Seated Isolation Valves
- Steam Conditioning and Desuperheating Valves
- Turbine Bypass Systems
- FIELDVUE® Smart Valve Positioners
- I/P Valve Positioners, Pneumatic Positioners and I/P Transducers
- Level-Trol® Pneumatic and Electronic Level Controller/Transmitter
- Wizard® Single Loop Pneumatic Controllers
- Smart Wireless Gateways, Position Monitors and THUM Adapters

www.emersonprocess.com/wireless

Baumann™ Control Valves www.baumann.com

- Compact and Lightweight General Purpose Control Valves
- CIP/SIP Aseptic and Sanitary Control Valves
- Single-Use Control Valves

Fisher® Regulators – Emerson Regulator Technologies

www.fisherregulators.com

- Natural Gas Regulators – Distribution, Transmission and Commercial Service Applications
- Steam Regulators
- Industrial Regulators – Air, Process Fluid, Water and Sanitary Applications
- Tank Blanketing Systems



Fisher® Lifecycle Services



Fisher® Lifecycle Services

- Control Valve Repair
- 24/7 Emergency Response
- Predictive Diagnostics Services
- Fisher® Encore Remanufactured Control Valves
- Onsite Outage and Turnaround Control Valve Repair Services
- Valve Startup Services
- Onsite Valve Leak Detection Services

Fisher® Lifecycle Services Locations:

120 Kissel Road
Crossroads Industrial Park
Burlington, NJ 08016

238 Cherry Street
Hills Farm Industrial Park
Shrewsbury, MA 01545



Actuation by Emerson Valve Automation

www.emersonprocess.com/valveautomation

BETTIS™



HYTORK®

Shafer™

Bettis www.bettis.com

- Pneumatic, Hydraulic and Scotch-Yoke Actuators
- High Pressure and Low Pressure Pneumatic/Gas Actuators
- Electric Actuators

EIM www.emersonprocess.com/eim

- Electric Multi-Turn and Quarter-Turn Actuators
- Network Control Systems
- Electric Actuators with Conventional and Smart/Open Communication Protocols

FieldQ www.fieldq.com

- Pneumatic Rack and Pinion Actuators with Integrated Valve Position Feedback Modules

Hytork www.hytork.com

- Pneumatic Rack and Pinion Actuators

Shafer www.shafervalue.com

- Gas/Hydraulic Rotary Vane Valve Actuators
- Electro-Hydraulic Actuators



Specialty Valves

CAMERON

FISHER®

HABONIM
Industrial Valves & Actuators

VIRGO



Cameron www.c-a-m.com

- Cameron® Fully Welded Trunnion Ball Valves
- Grove Trunnion Ball Valves
- WKM Ball & DynaCentric Butterfly Valves
- DEMCO Lined Butterfly Valves

Fisher® Z500 Severe Service Isolation Valves

www.emersonprocess.com/fisher

- Tight Shutoff ASME Class 150-4500 Metal Seated Ball Valves
Designed for High Temperature and Erosive Process Fluid Applications

Fisher® POSI-SEAL www.emersonprocess.com/fisher

- High Performance Butterfly Valves, ANSI 150-1500
- Teflon, Firesafe, Cryogenic or Metal Seals

Habonim www.habonim.com

- Industrial Quality Full Port and Standard Port Ball Valves
- Metal Seated Ball Valves
- Fire Safe Ball Valves
- High Purity/ASME BPE-2002 Ball Valves
- Carbon Steel, 316L Stainless Steel, Hastelloy-C, Alloy-20, Monel, Duplex 2205
- Flanged, Threaded and Welded End Connections

TriTork Butterfly Valves by Virgo www.tritork.com

- Metal Seated Triple Off-Set Butterfly Isolation Valves

Virgo Ball Valves www.virgo-valves.com

- Floating and Trunnion Design Metal Seated, Cryogenic Valves and Top Entry Ball Valves

Powell Valves www.powellvalves.com

- Cast Steel, Bronze & Iron Gate, Globe & Check Valves
- Bolted Bonnet Cast Steel Valves
- Cryogenic, Corrosion Resistant, HF Acid Valves
- Bevel Gear Actuators



Valve Accessories



TopWorx www.topworx.com

- Valvetop® Discrete Valve Controllers
- GO® Switch Leverless Limit Switches and Position Sensors
- Network™ Field Networking Solutions
- Wireless Position Monitors

ASCO www.ascovalve.com

- Factory Authorized Valve Assembler for Solenoid Valves and Accessories

StoneL www.stonel.com

- Integrated Electronic Valve Position Indication and Digital Communication Networks
- Exclusive Factory Certified FieldLink Integrator and Distributor for StoneL Digital Bus Networking Products and Services

VRC - Valve Related Controls www.vrc-usa.com

- Modular Pneumatic and Electropneumatic Valve Positioners

VRG Controls www.vrgcontrols.com

- Zero Bleed Valve Pilot Controller



Reliability Solutions & Education



Emerson Reliability Solutions www.assetweb.com

- AMST™ Suite of Applications for Improving Plant Availability and Performance of Production Assets
- ValveLink™ Software
 - Configure, Calibrate, Tune and Diagnose FIELDVUE Instruments
 - Performance Diagnostics Provide In-Service Diagnostics for Monitoring the Health of the Valve Assembly without Disturbing the Process

Emerson Educational Services www.emersonprocess.com/education

- Local, Regional and On-Site Training

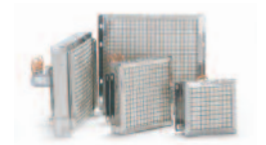


Heating Solutions



CCI Thermal Technologies, Inc. www.ccithermal.com

- Advanced Heating and Filtration Solutions for Industrial and Hazardous Area Applications



Gas and Liquid Pipeline Skids, Systems, & Buildings



Pipeline Equipment, Inc. www.pipelineequipment.com

- Design and Fabricate Meter Systems
- Design and Fabricate Liquid and Gas Measurement Systems, Valve Settings, Launchers and Receivers
- Design & Fabricate RTU and Instrumentation Buildings
- Design and Fabricate Custom Equipment per Customer Specifications
- ASME Certified Fabrication Shop – “U”, “R” and “NB” Stamps



We Can Help You Manage Your Process Better...

- Improve Plant Performance, Process Reliability and Safety
- Reduce Downtime
- Reduce Process Variability and Operating Costs
- Lower Heat Rates
- Increase Throughput
- Achieve Smoother, Faster Plant Startups, Outages and Turnarounds



Industry Expertise

- Alternative Fuels
- Chemical
- Distributed Generation
- Pharmaceutical & Biotech
- Gas Utilities
- HVAC – Hydronics & Steam
- Industrial Boilers & Cogen
- Food & Beverage
- Mission Critical Data Centers
- Power Utilities
- Pulp & Paper
- Refining
- Terminals
- Water & Wastewater



Project Engineering, Systems Integration & Validation Services

- Batch and Continuous Processes
- Cogen and Boiler Controls
- Steam PRV Stations
- MES
- PAT (Process Analytical Technology)
- SCADA
- Natural Gas Pipeline Skids
- Business Intelligence Systems
- Loop & Equipment Drawings
- Computer System Validation Services



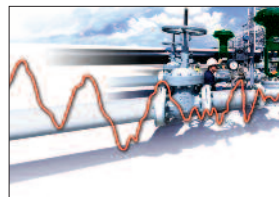
Project Management

- Turnkey Main Automation Contracts
- Single Point Contact
- Project Planning and Scheduling
- Procurement Services
- Sub-Contract Administration
- Field Supervision/Installation Support



Process Optimization & Consultation Services

- Process Audits/Studies
- Process Automation Studies
- Process Unit Optimization
- Advanced Controls
- Workflow Compliance
- Energy Management



Loop Audits, Loop Tuning & Reliability-Based Services

- Loop and Loop Device Audits
- Loop Tuning and Optimization
- Process Variability Reduction
- Process Reliability Improvement



Control System Maintenance Services

- Emerson Process Systems Factory Certified Technicians
- Installation and Maintenance
- Priority Service Contracts
- 24/7 Emergency Response
- Hardware and Software Upgrades
- System Migration Planning



SCADA Services

- Telemetry
- Communications
- Cybersecurity



Staff Augmentation

- Valve Services – Calibration, Commissioning, Testing, Inspection
- Instrument Services – Calibration, Commissioning, Troubleshooting
- RTU Maintenance and Inspection
- Control System – Configuration, Maintenance and Inspection



Reliability Solutions & Maintenance Services

- Vibration Monitoring and Analysis
- Oil Analysis
- Infrared Thermography
- Laser Alignment
- Ultrasonic Testing and Analysis
- AMS™ Suite Software Installation and Support Services
- Spares Inventory Programs



Instrument & Valve Services

- 24/7 Emergency Response
- Control Valve Repair
- Turnaround and Outage Management Services
- Instrument and Control Valve Calibration
- Predictive Diagnostic Analysis
- Onsite Valve Leak Detection Services



Educational Services

- Local, Regional and On-Site
- Comprehensive Range of Training Topics:
 - Process Control
 - Process Control Systems
 - Control Valves and Instrumentation
 - Pressure Regulators
 - Operator Training
 - Vibration Analysis



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120 Kissel Road
 Crossroads Industrial Park
 Burlington, NJ 08016

238 Cherry Street
 Hills Farm Industrial Park
 Shrewsbury, MA 01545