



Why R.E. Mason?

Manufacturers face extraordinary demands to meet ambitious operational goals while maintaining safety, quality, and environmental compliance. There's little room for error. Even less for unplanned downtime. R.E. Mason understands your challenges and offers expertise born of over 80 years experience. We've supported manufacturing in the Carolinas and Virginia with a continuously expanding range of products and services. Regardless of your industry, we're ready to help you succeed.

Valves & Instrumentation

Fisher™ Control Valves and Regulators

- Control Valves: Globe, Vee-Ball™, Rotary Eccentric Plug, High-Performance Butterfly Valves, and Sanitary Valves
- Severe Service Solutions: Noise Attenuation, Dirty Service Trim and Cavitation Mitigation
- Steam Conditioning Products: Desuperheaters, Turbine Bypass Valves, Mechanical Nozzles, and Atomizing Steam Nozzles
- Tank Blanketing, Pressure Relief, and Reducing Regulators



Isolation Valves

- Butterfly Valves: Resilient Seat, High Performance and Triple Offset
- Ball Valves: Reduced, Full Port Floating, Metal Seated, Trunnion, and Lined
- Parallel Slide Gate Valves
- High-Pressure Ball, Gate, Globe, and Check Valves
- Knife Gate Valves
- Sanitary Valves
- Sampling Valves
- Plug Valves



Instrumentation and Measurement Solutions

- Toxic and Combustible Gas Detection Sensors and Transmitters
- Electro-pneumatic Controllers/Motors
- Optical Flame Detectors
- Liquid Flow Measurement: Flow Metering, Flow Control, Batch Controllers
- Gas Flow Measurement: Orifice Metering, Turbine Meters, Ultrasonic Meters, Gas Analyzers, Flow Computers, Metering Supervisory Systems

Valve Automation

- Pneumatic, Electric, Hydraulic, Electro-Hydraulic, and Specialty Actuators
- Rack and Pinion, Scotch Yoke, Vane, and Piston Actuators
- FIELDVUE™ Digital Valve Controllers: HART, FOUNDATION Fieldbus, and PROFIBUS
- Pneumatic and Electro-pneumatic Valve Positioners
- Solenoid Valves, Position Transmitters, and Limit Switches

Overpressure Protection

- Flame and Detonation Arrestors
- Vacuum and Pressure Relief Valves
- Emergency Tank Hatches and Vent Valves
- Safety Selector Valves



Services

- 24/7 Emergency Service
- Mobile Trailer and Valve Shop Capabilities
- Turnaround and Outage Management Services
- Pressure Relief Valve Services: National Board-Certified Test and Repair, ASME V, UV, VR
- Valve and Actuator Repair Services
- Asset Optimization/Pool Program
- MOV Diagnostics Program
- Mixer and Agitator Repair
- Emerson Premier Service Provider: Evaluation, Repair, Configuration, and Recertification For All Emerson Valves
- ENCORE: Fisher Certified Re-manufactured Valve and Instrument Program
- Field Instrument Services: Startup and Commissioning, Calibrations, Asset Management



Automation

- DeltaV™ Distributed Control System
- Remote Operations Controllers (RTUs)
- PLC Programming, Integration, and Modernization
- Construction Management
- DCS Migrations and Modernizations
- Installations and Upgrades
- Cyber Security Threat Detection
- Data Analytics



Engineering

- DCS Design
- E&I Engineering
- IT Engineering and Support
- Preventative Maintenance
- Hotfix and Patch Services
- Dell Certified Support
- PLC Design Emergency On-Site Support
- Virtual DCS Support
- Hardware and Software Upgrades
- Network Design
- Cyber Security
- Data Analytics
- Reliability
- Systems Lifecycle Planning and Managed Service Contracts

Wireless & Cloud Hosted Software Applications

- Wireless Sensors and Transmitters
- Discrete and Position Monitoring Solutions
- Wireless Network Design
- Smart Wireless Gateways and THUM Adapters
- Wireless Control Equipment
- Radios and Antennas
- Cloud Hosted Software Applications



Equipment Reliability

- Rotating Machinery Health: Local, Remote, and Online Vibration Solutions
- Vibration Sensors and Marshalling Junction Boxes
- Field Device Reliability: Valve and Instrumentation Monitoring
- Electrical Integrity
- Reliability Consulting Services
- Leak Detection Services

Process Equipment Group

- LIGHTNIN® and Philadelphia® Mixers and Agitators
- Desiccant Breathers
- Lubrication Storage and Filtration
- Direct Injection Fluid Heating
- Metering Pumps
- Heat Exchangers
- Jet and Condensate Pumps
- Condensate Recovery Systems
- Steam Traps: Float, Inverted Bucket, Thermodynamic, and Thermostatic
- Custom Panels and Skid Solutions



Training

- Valve Technician I and II
- Instrument Technician
- Gas Regulator Technician
- Control Valve Engineering I and II
- Introduction To Process Control
- Actuation Introduction, Maintenance, and Field Service
- Relief Valve Training
- FIELDVUE Digital Valve Controller Setup and Diagnostics
- AMS Device Manager
- AMS Machinery Manager
- DeltaV Hardware and Troubleshooting

Brands We Partner With



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Industries Served Include:

Pulp and Paper • Power • Chemical • Life Sciences • Natural Gas • HVAC •
Lithium Battery • Aerospace • Food and Beverage • Metals and Mining • Mechanical Contractors • OEMs • Hydrogen

info@remason.com | www.remason.com

Charlotte, NC | (704) 375-4464 | Richmond, VA | (804) 858-5800 | Durham, NC | (919) 314-4464

