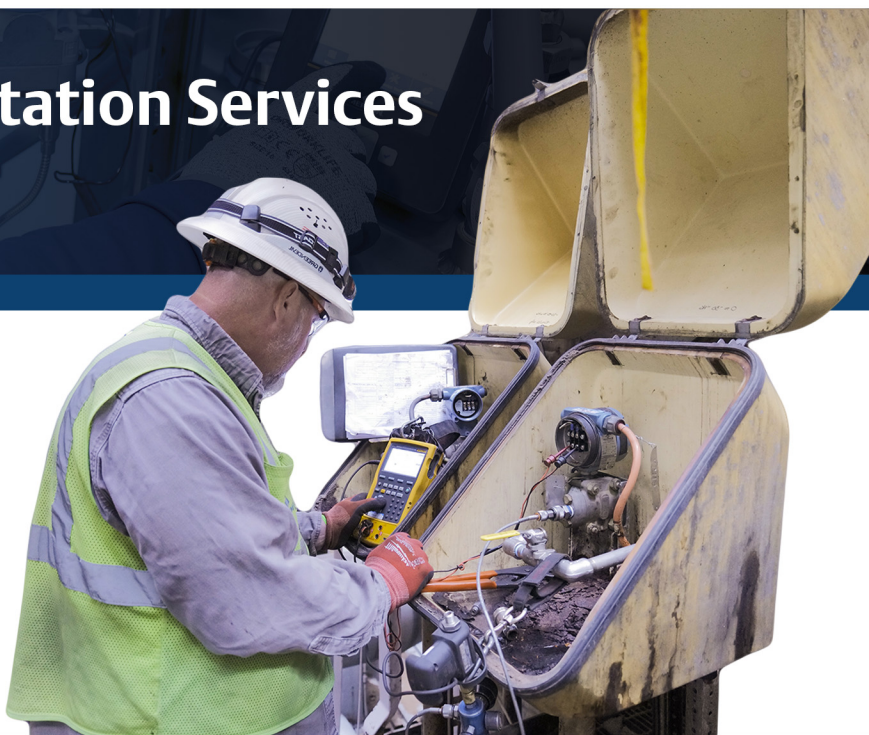


Measurement Instrumentation Services

The Problem Most Plants Overlook

Instrument drift does not announce itself. It quietly pulls measurements out of spec until the consequences appear: off-quality product, regulatory findings, or unplanned shutdowns. When calibration cycles slip and skilled resources are stretched thin, the problem compounds fast.



Calibration and Validation Services Include:

We calibrate all product types and brands. Emerson and non-Emerson.



Pressure, Temperature & DP Flow: Process pressure, differential pressure, thermocouples, RTDs, infrared thermometers



Flow: Magnetic, Vortex, and Coriolis. Verification services include - Smart Meter Verification (SMV) and Flexim - Non-Intrusive Ultrasonic Portable Flow Meter. Calibration methods offered - Gravimetric, Master Meter Method, Zero-Point and Span.



Liquid and Gas Analysis: Acidity, ionic content, dissolved oxygen, clarity, chlorine levels, gas concentrations



Level: Tanks, silos, and vessels for accurate monitoring and process optimization



Emerson's Pervasive Sensing is an industrial strategy that uses inexpensive, easy-to-install wireless sensors to monitor equipment and wireless processes that were previously too difficult, manual, or costly to reach.

Measurement Instrumentation Services

Why R.E. Mason

- **Certified Technicians:** Our personnel diagnose and verify calibration against factory specifications. No guesswork.
- **Comprehensive Lifecycle Management:** Manage instrumentation throughout its lifecycle with calibration management, documentation control, due-date tracking, and field route optimization.
- **NIST Traceable:** All measuring methods and test equipment are traceable to the National Institute of Standards and Technology or other national standards.
- **As Found / As Left Documentation:** Multipoint calibrations with custom ranges, plus a calibration certificate and inspection test report for your records.
- **Weights and Measures / Custody Transfer Compliance:** Built into our process for customer who require it.
- **Fast Turnaround:** Quick calibration service to minimize your downtime window.

Service Locations Across the Carolinas & Virginia

Columbia, South Carolina | Charlotte, North Carolina | Durham, North Carolina | Richmond Virginia

Expertise Across Industries

Chemical | Data Centers | Hydrogen | Life Sciences | Lithium/Battery Supply Chain | LNG | Mining and Metals | Natural Gas | Nuclear Power | Power Generation | Pulp and Paper

New Mobile Flow Calibration Trailer

Calibration Without the Downtime

Sending flow meters off site means lost time, lost accuracy, and lost production. Our Flow Calibration Trailer brings NIST traceable calibration directly to your facility.

