

See what your Steam System is Hiding

Schedule a Steam System Assessment today



Our Steam System Assessment uses ultrasonic testing, thermal imaging, and temperature checks to find traps, leaks, piping, and drainage issues. We verify pumps and pressure-reducing valves and deliver a detailed report with images and ROI analysis to guide actionable efficiency improvements.

Ask us about these R.E. Mason products and services:

Steam Distribution and Conditioning

Reliability Services

Condensate Recovery

Automation Services

Boiler Equipment

Mechanical And Valve Services

Controls And Instrumentation

Calibration Services

Instrumentation Services



R.E. MASON

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Your Steam System is Stealing from You

Stop the loss with expert steam services

Safer, more reliable, and more efficient steam operations delivered by a brand you trust.

PRESSURE
INSTABILITY

RUNAWAY
ENERGY WASTE

CRUSHING MAINTENANCE
BURDEN

DISRUPTIVE
DOWNTIME

COSTLY
WATER/CHEMICAL
WASTE

ESCALATING FUEL
OVERSPEND

EQUIPMENT DAMAGE
& FAILURE

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The Silent Costs Behind Inefficient Steam Operations

Steam systems “steal” through hidden losses—poor steam quality that damages equipment, erratic pressure that wastes energy, and condensate issues that drive up water and chemical costs. Because these problems often go unnoticed, they compound quickly. To take back control of your steam program, you need a proactive approach that identifies inefficiencies early, reducing risk, cost, and recurring failures. R.E. Mason is a customer-focused partner who will meet your steam program where it is and deliver strong returns quickly.

Did You Know?

Industrial Steam energy use represents 5-7% of total US Energy consumption.

Average plant energy budgets can be hundreds of thousands of dollars per year. Steam loss and inefficiencies quickly waste energy and undercut profits.

Bad advice on steam applications and lack of a proactive approach are the root causes of excess cost and downtime.

Wait too long, and reactive service can cost you twice as much as proactive solutions like preventive maintenance and monitoring.

R.E. Mason is a one-stop industrial service partner with decades of steam experience and a reputation for responsiveness and reliability.

We see steam as a profit center, not just a utility.

We uncover the causes of energy spend, equipment damage, safety, and environmental risk, and deliver turnkey fixes with measurable outcomes.

We integrate steam, controls, and automation.

As an Emerson Impact Partner, we pair proven steam hardware with advanced control and diagnostics, improving steam quality and capacity to directly boost plant performance.

We prioritize prevention over firefighting.

Through assessments, monitoring, and preventive maintenance, we cut unplanned outages and shift you from reactive repairs to reliable, predictable steam performance.

We own your problem from root cause to repair.

Our service team handles commissioning, troubleshooting, and repair/replacement of valves, pumps, traps, and boiler trim, supported by our dedicated mechanical shops and mobile repair capabilities.

Application Areas

Steam quality & distribution
 Pressure control & header balancing
 Condensate recovery
 Water/chemical cost reduction
 Trap performance and reliability

Turnkey Services

Energy & Wastage Assessments
 Troubleshooting & Root Cause Analysis
 Preventive Maintenance Programs
 System Health Monitoring



Industry Success Stories



New Pump-Trap Skid Stops Water Hammer

Replacing aging pump-trap equipment eliminated dangerous water hammer and increased condensate return, saving \$68K over the winter cycle.



Trap Study Yields Energy Savings

A one-day trap assessment investment uncovered major steam losses, leading to \$70K annual savings and a six-month ROI.



Engineering Fix Restores Pressure Stability

Installing a separator and resizing the PRV eliminated pressure spikes, stopped safety valve lifting, and improved system efficiency.



Pump-Trap System Improves Performance

Replacing conventional traps with pump-assisted traps stopped heater flooding and stabilized building heating under all load conditions.

