



STEAM PRODUCTS DIVISION

STEAM PRODUCTS

Steam, renowned for its versatility, is a cornerstone in countless global industries from food production to oil refining to beer brewing to pharmaceutical manufacturing. With its ability to heat and sterilize various industrial processes, steam stands as a preferred energy solution. As experts in steam solutions, The Macomb Group ensures safe, sustainable, and efficient steam utilization across diverse applications. 'YES' we're here to help you expedite, innovate, customize, economize and more.

Steam Traps

- *Thermo Dynamic (TD) Traps*
- *Float & Thermostatic (F&T) Traps*
- *Inverted Bucket (IB)*
- *Balanced Pressure*
- *Bimetallic*
- *Liquid Expansion*
- *Universally Connected Traps*
- *Trap Stations & Trap Manifolds*
- *Wireless Steam Trap Monitoring*

Regulators

- *Pilot Operated Pressure Reducing Valves*
- *Pilot Operated Temperature Regulating Valves*
- *Direct Acting Pressure Reducing Valves*
- *Direct Operated Pressure Reducing Valves*
- *Safety Relief Valves*

Control Valves

- *Globe Control Valves (Pneumatically & Electrically Actuated)*
- *Positioners & Switches (Pneumatic & Electro-Pneumatic)*
- *Controllers (Pneumatic & Electronic)*
- *Angle Body Piston Valves*
- *Solenoid Valves*
- *Transmitters & Sensors*
- *Noise Attenuation*

Flow Measurement

- *Gilflo ILVA*
- *Multivariable Vortex*
- *Orifice Plates*

Clean Steam/High Purity

- *Clean Steam Generator*
- *Thermodynamic & Thermostatic Steam Traps*
- *Clean Steam Filters*
- *Pressure Regulators*
- *Check Valves*
- *Sample Coolers*
- *Separators*



STEAM PRODUCTS DIVISION | STEAM@MACOMBGROUP.COM | P: 888.756.4110



BUILT TO SAY YES

24/7 AFTER HOURS EMERGENCY: 586.693.6236 | MACOMBGROUP.COM

STEAM PRODUCTS (continued)

Key engineering components that enhance plant efficiency include: Steam Trap Surveys and Thermal Audits that optimize thermal systems; boiler controls that ensure safe operation with alarms and level controls; advanced heat exchangers like shell & tube that offer efficient heat transfer; condensate recovery and sophisticated isolation valves like triple offset butterfly valves that enhance system integrity. Plus, essential ancillary items from moisture separators to sample coolers support operational precision. 'YES' The Macomb Group carries the products and has the experience you need to solve any size steam project.

Thermal Efficiency

- Steam Trap Surveys
- Thermal Audits

Boiler Controls

- Level Alarms
- Level Controls
- Boiler Blowdown
- Bottom Blowdown

Heat Exchangers & Packages

- Instantaneous Steam to Hot Water Package
- Plate & Frame
- Shell & Tube
- Replacement Tube Bundles

Condensate Recovery

- Steam Motive Pumps / Skid Packages
- Electric Pumps / Skid Packages
- Insulation Covers
- Digital & Mechanical Cycle Counters

Tanks & Vessels

- Flash Tanks & Inlet Reservoir Piping
- Flash Recovery Vessels

Isolation Valves

- Gate/Globe
- High Performance Butterfly
- Triple Offset Butterfly
- Bellows Seal

Ancillary Items

- Moisture Separators
- Strainers
- Pressure Gauges
- Thermometers
- Air Vents
- Vacuum Breakers
- Piston Check Valves
- Sight Glass
- Vent Heads
- Trap Diffusers
- Sample Coolers
- Blowdown Separators

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Steam Trap Audit:

1. Identify, Tag and Test Trap Population
2. Minimize Failure Risks
3. Reduce Emissions and Water Usage
4. Attain Sustainability Goals

Our Complete Steam Trap Audits offer tailored solutions for assessing steam system well-being and optimizing processes, ensuring uninterrupted operations.

Benefits:

- Facilitates Maintenance for Maximum Uptime
- Swift Supply of Traps and Replacement Components
- Energy Savings and Emissions Reduction
- Enhanced Productivity and Process Efficiency
- Streamlined Production Expansion
- Improved Health and Safety

Steam Lab in Columbus, OH (coming soon)

- Steam Fundamentals, Design, Utilization & Recovery
- Customized Training Opportunities

Click the QR code below to learn about our latest updates to the Steam Division



BUILT TO SAY **YES**

