



**MATHESON**

ask. . .The Gas Professionals™

MATHESON Delivers:  
Gases, Equipment, and  
Services for the  
Power Generation &  
Transmission Industry

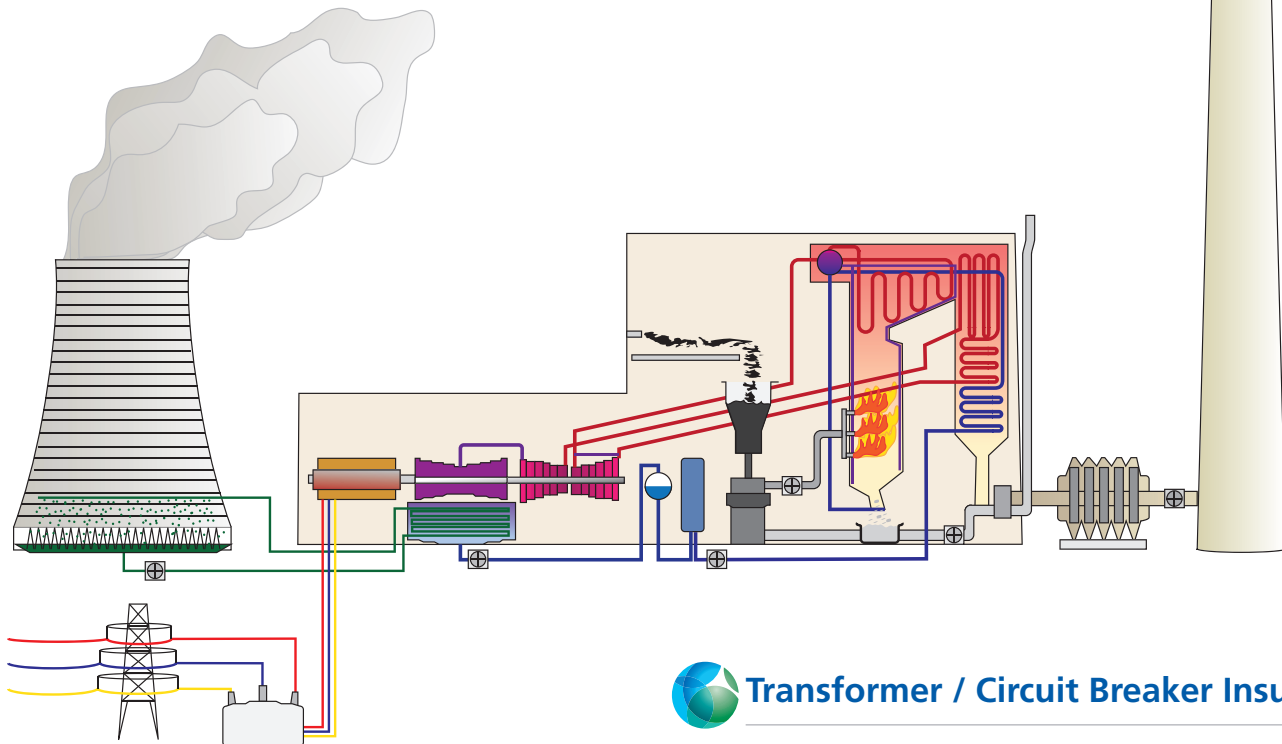
*Gases – Gas Handling Equipment – Welding and Cutting Tools – EPA Protocol  
Mixtures – Commercial Propane – Safety Products – Support, Training, Service*

For more than 80 years, MATHESON has provided gases, equipment, and services to end-users in a wide range of industries including Power Generation & Transmission.

The Power Generation & Transmission industry itself spans a wide range of requirements for compressed gases and related products.

- Some requirements are demanding on supply and service, including welding gases & supplies, safety products, and tools.
- Other requirements are demanding on purity and precision, such as EPA protocol calibration mixtures.
- Still others are demanding on product availability, such as gases for generator cooling and purging, water treatment, and fire suppression.

MATHESON provides all these and more from a national footprint of over 200 locations to serve and supply you.



## Compliance and Laboratory Applications

Environmental regulatory compliance impacts every type of thermal power facility, for stack emissions and water testing. Laboratory evaluation may also be needed in applications unrelated to compliance, such as materials testing.

### MATHESON Delivers:

- EPA Protocol Calibration Mixtures
- GC Carrier Gas
- Fuel Gas
- General Lab Gas
- Argon for Mercury Testing
- Nitrogen and Zero Air
- Laboratory Gas Generators

All in the proper range of cylinder sizes and purities to suit your specific application.

Plus the associated manifolds, valves, connectors, and flow / pressure control hardware... plus of course, the expertise to support your use of all of our gas products.



## Transformer / Circuit Breaker Insulation

If you're using SF<sub>6</sub> Insulated Transformers or other hardware, MATHESON can be your experienced partner for maintenance of components using SF<sub>6</sub> as a dielectric.

### MATHESON Delivers:

- Sulfur Hexafluoride (SF<sub>6</sub>): Cylinders
- Transfer Lines, Flow and Pressure Control Systems for Component Maintenance



## Welding and Cutting Applications

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Whether your facility is in the construction phase or is shut down for maintenance or outage remediation, mechanical fabrication plays an important role.

You depend upon timely and reliable supply of gases, tools, and supplies to remain on-schedule and on-budget.

### **MATHESON Delivers:**

- Acetylene, Oxygen, Argon, Welding Mixtures
- Shield Gas Mixtures
- Breathing Air
- Welding Supplies: Wire, Rods, Holders, Electrodes
- Welding Equipment: Power Supplies, Torches, Regulators
- Welding Apparel: Goggles, Helmets, Gloves, Jackets, Blankets
- Cutting and Grinding Tools and Supplies
- General Industrial Tools, Saws, and Drills

Tools and supplies – as well as packaged gas – are available from over 200 locations nationwide (and growing).



## Safety Equipment

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No task is so urgent or important that it should not be done safely.

### **MATHESON Delivers:**

- An Extensive Line of Safety Equipment from World Class Manufacturers
- Everything from Basic Personal Protection Equipment to the Most Advanced, Programmable Safety Apparatus

Allow MATHESON to help you keep your workers safe.



## Fire Readiness

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Fire emergencies are never planned – fire suppression readiness is near the top of the list for anyone in the power generation business.

### **MATHESON Delivers:**

- Carbon Dioxide: Bulk, Small Bulk, and Cylinder
- Assistance During System Design, Deployment, Test, and Maintenance
- Fire Extinguishers Available Through Our Safety Catalog



## Generator Cooling and Purging

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Your facility is all about generating electricity. You need to protect your generators – keep them running efficiently and safely.

### **MATHESON Delivers:**

- Hydrogen for Generator Cooling: Bulk & Cylinder
- Nitrogen and Carbon Dioxide for Generator Purging: Bulk & Cylinder
- Systems for Gas Delivery and Handling

Supported by 16 air separation plants nationwide, you can rely on MATHESON for dependable bulk atmospheric gas delivery – plus the expertise that comes with experience.



## Water Treatment

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You are providers of energy supply; and you are also stewards of the environment. Those you serve depend on the steps you take to condition water prior to re-use or returning it to the environment.

### **MATHESON Delivers:**

- Carbon Dioxide and Oxygen for Water Treatment: Bulk & Cylinder
- Systems for Gas Delivery and Handling

MATHESON operates a nationwide fleet of trailers, tube trailers, and other supply containers ready to deliver what you need when you need it.



## Forklift Fleet Support

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Electricity keeps your service area running, and by some measure, forklifts keep your facility running. MATHESON supplies the propane to keep your forklifts running.

### **MATHESON Delivers:**

- 33 Pound and 43 Pound Packaged Propane Cylinders
- Bulk Propane for On-Site Fueling
- Other Size Packages for Special Requirements

# MATHESON Delivers

## We Deliver Safety.

MATHESON places the highest value on Safety – in our own facilities, and in yours. Every day.

- We value our safety record, and we've received many industry awards for our safe operations.
- We offer a full range of products for safe handling and storage of gas ... as well as a complete line of safety equipment offered in our 450+ page Safety Products Catalog.
- Invite us to perform a safety audit of your facility and/or conduct a safety presentation.

## We Deliver Customer Service.

Throughout our history of serving customers, MATHESON has always placed a premium value on the relationship we build and maintain with every one of our customers. We have over 200 locations nationwide ready to serve you.

- Ask us about enhanced supply chain management.
- Ask us about on-line ordering and certificates of analysis.
- Ask us how we can lower your cost of ownership and gas use.
- Ask us about how you can earn point credits with each purchase through Supply Rewards and Contractor Rewards.

## We Deliver Asset Management and Inventory Control.

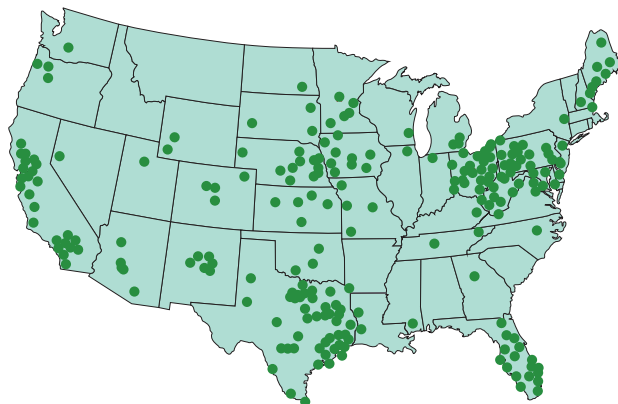


The **LASSO™** *Wireless Gas Cylinder Management System* is a wireless inventory control system that can effectively monitor both the location and operating pressure (consumption) of gas products in “real-time.”

In addition, the **LASSO** System can be enabled to track other critical assets such as: test equipment, welding supplies, laptops, tools, utility carts, trucks, and many more items, supporting needs for inventory data and reporting, hazardous materials, and safety audits.

The **LASSO** System will enable power plants to improve operational performance and lower costs in the following areas:

- Reduced lost cylinders
- Reduced unneeded cylinder rental fees
- Automated re-ordering and timely delivery of EPA Protocol standards
- Improved loss risk and security of non-gas assets
- Improved management and rotation of inventory



**National reach. Local values.**



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[www.mathesongas.com](http://www.mathesongas.com)

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