

HYDROGEN BLENDING



As the world looks to decarbonize its energy sources, hydrogen has emerged as a promising new energy source to help us reduce emissions. Emissions associated with burning fossil fuels can be reduced by injecting hydrogen directly into a natural gas distribution system, displacing existing fossil fuel consumption.

Our turnkey hydrogen blending solution gives suppliers the confidence to accurately blend hydrogen into their existing natural gas pipeline network with minimal effort or expense.

- Blending hydrogen into flowing gas streams
- Concentration verified by an online analyzer
- Compensates automatically for accurate

RNG-RECEIPT

By capturing methane emissions from organic waste sources such as landfills, wastewater treatment plants, and agricultural waste, RNG can provide a reliable and renewable source of natural gas. This can displace traditional natural gas consumption and help reduce greenhouse gas emissions, while also providing economic benefits and promoting waste reduction.

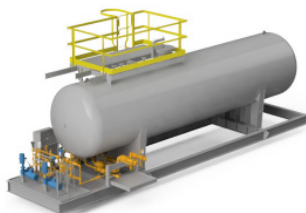
Our turnkey RNG-Receipt solutions ensure that renewable natural gas generated from a variety of feed stock sources meets the quality specifications required for distribution.

- Intakes renewable natural gas
- Measures, analyzes and odorizes
- Sends to distribution
- Returns gas if out of spec



NATURAL GAS & HYDROGEN ODORIZING

Natural gas brings vital energy to homes and businesses in your community. With our turnkey IOTA Series Natural Gas & Hydrogen Odorization Solutions, you can rest assured it's being delivered responsibly. The simple mechanical design ensures consistent concentration of odorant, even when flow rates vary, for an exceptionally reliable performance.



Improving productivity, managing emissions, and ensuring no leaks are daily challenges for operators and areas of focus for regulators.

Our IOTA Series Odorizers incorporate both active and passive technology to deliver the most sophisticated industrial mercaptan for natural gas solutions.

- Continuous modulating injection system suitable for high pressure, higher volume applications (MMSCFH range)
- Closed system
- Precise mass metering with Coriolis flow meter
- Flow computer/controller with injection data history and alarm history

CONTINUOUS EMISSIONS MONITORING

Reliable, stable analytical technologies for continuous emissions monitoring can ensure compliance and improve overall performance and insight into an operation.

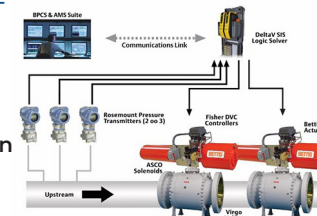
- Measures and reports pollutants emissions from industrial sources
- Low maintenance and low lifetime cost of operation
- Continuous health diagnostic reporting
- Intuitive, simple front panel user interface allows complete access to instrument



HIGH INTEGRITY PRESSURE PROTECTION SYSTEM (HIPPS)

High Integrity Pressure Protection Systems are designed to enhance or replace over pressure protection traditionally addressed with mechanical relief and flare systems.

- Cabinet Design, Fabrication and Configuration
- SIL Certified Automation Components
- SIL Verification Calculations
- Partial Stroke Test Calibration and Training



Caltrol Locations

Corporate Office
1385 Pama Lane, Suite 111
Las Vegas, NV 89119

Benicia Office
531 Getty Ct., Suite 2A
Benicia, CA 94510

Chandler Office
2900 S. Gilbert Rd. #6
Chandler, AZ 85286

Hawaii Office
94-432 Maikoiko
Waipahu, HI 967

Irvine Office
300 Commerce #100
Irvine, CA 92602

Livermore Office
2685 Collier Canyon Rd.
Livermore, CA 94551

Ontario Office
3536 Concoors St. Suite 305
Ontario, CA 91764

Paramount Office
6851 Walthall Way
Paramount, CA 90723

Taft Office
801 Black Gold Ct.
Taft, CA 93268

8AM-5PM M-F AND EMERGENCY 24/7 SUPPORT CALL TOLL FREE (877) 827-8131

COMPRESSION



We specialize in process automation for natural gas compression, a crucial industry that ensures the safe, efficient transport and pressurization of natural gas for distribution. By optimizing compression processes, we help enhance system reliability, minimize energy consumption, and support the smooth flow of energy resources to consumers.

- Process Instrumentation
- Isolation and Control Valves
- Vibration & Condition Monitoring
- Turn Key Solutions
- Start-Up & Commissioning
- Field Services

Control Valves | V-Ball Valves | Electric Actuators | UltraSonic Flow Meters | Isolation Valves | AMS Asset Monitor | Wireless & Route Based Solutions | SlipStream | Odorization | Instrumentation Calibration | Valve Repair Technicians | Automation Engineering

DISTRIBUTION



We enhance system performance, reduce energy loss, and help our LDC's safely supply natural gas to consumers. By optimizing distribution processes, we support the safe, reliable, and efficient delivery of energy to homes and businesses.

- Pressure Management
- Overpressure Protection
- Hydrogen Blending
- Odorization
- RNG Receipt Stations

Direct Operated Regulators | Pilot Operated Regulators
Regulator Monitoring Station | Slam Shut Valves

Brands

AMS™
ANDERSON GREENWOOD™
BETTIS™
CROSBY™
ENARDO™
FISHER™
FLOBOSS™
KEYSTONE™
ROSEMOUNT™
VANESSA™
VAREC™

SlipStream®

STORAGE



Our natural gas storage solutions, ensure the safe, efficient management and optimization of gas reserves. By streamlining storage operations, we enhance system reliability, improve inventory control, and support the secure and steady supply of natural gas to meet fluctuating demand.

- Emissions Control
- Asset and Tank Protection

Flame Arrestors | Tank Vents | Hatches | Pressure Relief Valves | Dump Valves | Pad & Depad Regulators

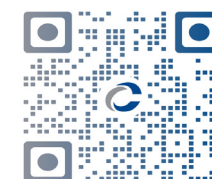
TRANSMISSION



We support process automation for natural gas transmission, ensuring the safe, efficient movement of natural gas across vast distances. By optimizing transmission processes, we enhance pipeline reliability, reduce operational costs, and support the seamless delivery of energy to communities and industries.

- Remote Monitoring and Control
- Measurement

FloBoss | Gas Chromatographs | L3 Solutions | SCADA | Electric Actuators
| Rosemount Ultrasonic Flowmeters | Analyzers



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