

COMBUSTION TURBINE



The efficient operation of your combustion turbine is pivotal to the success of your plant's profitability. Therefore, the responsiveness of your turbine to load changes is of utmost importance.

- Improve turbine flexibility with responsive fuel control
- Increase combustion efficiency with quality fuel supply
- Reduce turbine trips with smooth pressure control
- Minimize product loss with zero leakage isolation

Fuel Control and Isolation Valves | Air Extraction Valves | Anti Icing Valves
Fuel Pressure Regulators | Pressure Control Regulators

STEAM TURBINE



Steam turbines are a significant investment for power plants, and as they age, the use of precise and reliable control technology becomes increasingly important for maintaining optimal performance.

- Ensure reliable turbine isolation during all plant conditions
- Precise control of bypass steam temperature
- Minimization of heat loss with zero leakage isolation
- Protection of your turbine from overpressure

Complete Turbine Bypass Solutions | Turbine Trip and Throttle Valves
Turbine Steam Extraction Valves | Reheat Isolation Solutions | Liquid Level Indication
Steam Seal Regulator Valves | Pressure Control Regulators | Vent and Drain Valves

HRSG HEAT RECOVERY STEAM GENERATOR



By utilizing dependable final control solutions, you can effectively operate your Heat Recovery Steam Generator (HRSG) at peak efficiency. This includes the ability to accurately manage steam output to the turbine with precise control.

- Ensure precise drum level control
- Optimize thermal efficiency with precise steam control
- Minimize heat loss with zero leakage drain and vent valves
- Safeguard critical assets with reliable pressure relief valves

Spraywater Control Valves | Attemperators | Drum Level Control Valves
Pressure and Safety Relief Valves | Main Steam Isolation Valves | Steam Traps
Drain and Vent Valves | Boiler Trim Valves | Drum Level Instrumentation

BOP BALANCE OF PLANT



To maintain peak efficiency and ensure smooth operation of your plant, it is important to focus on more than just your heat recovery steam generators and turbines.

- Efficient management of fuel supply and storage
- Reliable compliance with emission control regulations
- Optimization of water intake, treatment, and circulation processes
- Maximize turbine output with reliable condenser cooling

Boiler Feedpump Recirculation | Condensate Pump Recirculation | Pump Protection Valves
Deaerator Level Control Valves | Anderson Greenwood/Crosby Pressure Relief Valves
Electric and Pneumatic Actuators | Cooling Water Isolation and BoP Valves

BRANDS

- AMS™
- ASCO™
- BETTIS™
- CROSBY™
- CLARKSON™
- FISHER™
- KEYSTONE™
- PENBERTHY™
- SEMPELL™
- TOPWORX™
- VANESSA™
- YARWAY™

Fike
REMINGTON

Caltron Locations

Corporate Office

1385 Pama Lane, Suite 111
Las Vegas, NV 89119

Benicia Office

531 Getty Ct., Suite A
Benicia, CA 94510

Chandler Office

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

Hawaii Office

94-432 Maikoiko St. Suite 120
Waipahu, HI 96797

Irvine Office

300 Commerce #100
Irvine, CA 92602

Livermore Office

2685 Collier Canyon Rd.
Livermore, CA 94551

Ontario Office

3536 Concours St. Suite 305
Ontario, CA 91764

Paramount Office

6851 Walthall Way
Paramount, CA 90723

Taft Office

801 Black Gold Ct.
Taft, CA 93268

DESUPERHEATER NOZZLE TESTING SERVICE



Our nozzle testing services help power plants optimize their performance by ensuring that the spray nozzles are working correctly and effectively. We can identify and address any issues that may be impacting the plant's efficiency.

- Nozzle testing, repair, and replacement
- System design and configuration review
- Provision of recommendations for improvements
- Repair reports for documentation and analysis
- Spray water valve and desuperheater repair
- Instrumentation and calibration services

Nozzle Testing for Increased Performance

PRESSURE MANAGEMENT/RELIEF VALVE SERVICES



Our comprehensive valve services, include mobile valve shop capabilities, replacement valve inventory, and specialized valve testing. We are an OEM exclusive representative and offer a range of valve solutions from certified assemblers such as Crosby and Anderson Greenwood.

- Mobile Valve Shop Capabilities for testing, repairing, and re-certifying valves
- Replacement Inventory with stocked Crosby and Anderson Greenwood valves
- Specialized Valve Testing via mobile machine shop, portable lapping equipment, and calibration instruments
- Comprehensive approach to steam solutions as an OEM exclusive representative of multiple models, including Ventil PreVentest.
- NBIC certified assembler

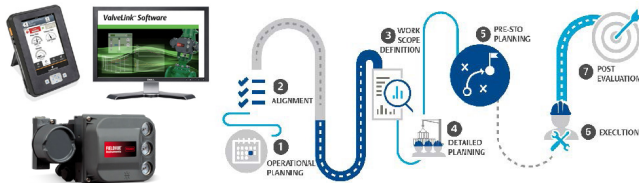
Valve Repair, Actuator Repair, and Pressure Relief Testing

INDUSTRY PRODUCTS & SOLUTIONS

- CONTROL & SAFETY SYSTEM SOLUTIONS
- MECHANICAL RELIABILITY SOLUTIONS
- VALVES & AUTOMATION INSTRUMENTATION
- PRESSURE REGULATORS
- FLOW & MEASUREMENT SOLUTIONS
- WATER & WASTEWATER SOLUTIONS
- PROCESS PUMPS & EQUIPMENT
- ENGINE & COMPRESSOR CONTROLS
- ASSET MANAGEMENT
- EDUCATIONAL SERVICES
- CALTRON ADVANCED SOLUTIONS

24/7 SERVICE
(877) 827-8131
WWW.CALTRON.COM

DIAGNOSTICS & STO/STARTUP



Our Diagnostics & STO/startup services provide tools, tests, and a streamlined commissioning process to protect critical assets and startup safely. We also offer local onsite support to reduce downtime and increase operational efficiency.

- Commissioning/Diagnostic tools at instrument level
- Startup commissioning process
- Streamlined STO execution
- Local onsite support
- Comprehensive approach to steam solutions, including steam trap surveys

Quantifiable, Detailed Work Scope and Effective use of Diagnostic Tools

ISOLATION & ACTUATION LIFECYCLE SERVICES



Our services ensure safe and efficient operation of your equipment. Our expertise includes various valve types and seat leakage and pressure integrity testing to maintain performance.

- In-Line Machining & Field Welding
- Seat Leakage & Pressure Integrity Testing
- Repair Reports with Photos
- Electric actuator repairs, preventative maintenance, and upgrades
- Various types of isolation valves serviced including triple offset, non-return check, pressure seal gates, and vent/drain valves

Invaluable Lifecycle Subject Matter Experts and Service Resources

Caltron Locations

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

Corporate Office

1385 Pama Lane, Suite 111
Las Vegas, NV 89119

Benicia Office

531 Getty Ct., Suite A
Benicia, CA 94510

Chandler Office

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

Hawaii Office

94-432 Maikoiko St. Suite 120
Waipahu, HI 96797

Irvine Office

300 Commerce #100
Irvine, CA 92602

Livermore Office

2685 Collier Canyon Rd.
Livermore, CA 94551

Ontario Office

3536 Concours St. Suite 305
Ontario, CA 91764

Paramount Office

6851 Walthall Way
Paramount, CA 90723

Taft Office

801 Black Gold Ct.
Taft, CA 93268