

Isolation Valves & Actuation Technologies



Applied Control uniquely offers a broad range of best-in-class technologies backed by local resources to deliver the performance you need to effectively control your process.


Our skilled team can automate many sizes and types of valves to meet your specific process and safety requirements.

**APPLIED
CONTROL**

Emerson Impact Partner

EMERSON

Valve Solutions

 Isolation Valves can be used in the control of the process or as part of a safety system. These can include simple manual block valves, emergency shutdown valves, double block and bleed valves or complex SIS solutions. Proper functionality of your isolation valve is critical to your operation, the safety of your people and your environment.

API 6D Trunnion Ball Valves



 **EMERSON** | **KTM VIRGO™**

*Soft Seated
Metal Seated*

Floating Ball Valves



 **EMERSON** | **KTM** | **ViTrol®**
Valve Solution Specialist

*Soft Seated
Metal Seated
Cryogenic
High Temperature
Lined Ball Valves*

Triple Offset Valves



 **EMERSON** | **VANESSA™**

*Metal Seated
Cryogenic*

Butterfly Valves



 **EMERSON** | **KEYSTONE™**

*High Performance
Resilient Seated*

Choke Valves



 **Cyclonic Valve**
Company, Inc.

*Side Entry Flanged, Threaded & Butt-Weld
Short Pattern Flanged
Wafer Style
Standard Threaded*

Gate Valves



 **EMERSON** | **CLARKSON™**
RAIMONDI

*Knife-Gate
Double-Disk
Parallel Slide
Wedge*

Globe Valves



 **EMERSON** | **RAIMONDI™**
YARWAY
HANCOCK

*Globe
T-Pattern
Y-Pattern*

API 6D Ball Valves

Extensive Local Inventory

We stock and supply API Specification 6D ball valves for upstream and midstream oil & gas operations. With over \$10M in inventory available, we ship the assets you need same day/next business day.

Available Diameters: 2-30 Inch

Available Pressure Classes: 150, 300, 600

Key Features:

- Fixed Ball Construction
- Firesafe
- SIL 3 Capable
- NACE Compliant
- Bidirectional Zero Leakage

Check Valves



 **EMERSON** | **KEYSTONE™**
HANCOCK

*Axial
Ball Check
Dual Plate
Piston Type
Swing Check
Tilting Disc*

C-Ball Valves



 **EMERSON** | **AE VALVES**

*Metal-Seated
Zero-Leakage
Cryogenic
Severe-Service*

Lined Ball Valves



 **EMERSON** | **NEOTECHA**

Lined

Actuation Technologies



Applied Control's Valve Automation Team has been providing customers with customized process automation solutions since 2003. We specialize in pneumatic, hydraulic, and electric powered valve automation products for the oil and gas, refining, power, food and beverage, and life sciences industries.

Pneumatic & Hydraulic Actuators



BETTIS
KEYSTONE
FIELDQ
MORIN

Scotch Yoke
Rack and Pinion
Quarter-Turn
Double Acting
Spring-Return
Linear

Electric Actuators



BETTIS
BIFFI

Multi-Turn
Quarter-Turn
Spring-Return
Multi-Port
Hazardous Classifications
Linear

Electro-Hydraulic Actuator



BETTIS



Spring Return
Quarter-Turn
Linear



Actuation Controllers & Instrumentation



ASCO
FISHER
TOPWORX

Discrete Valve Controllers
GO Switches
Solenoids
Digital Valve Controller
Switches
Regulators
Pilots
Transducers
Gauges

Designed for Longevity

Emerson's Vanessa valves feature a unique bubble-tight design with a metal seat that works more efficiently and dependably for specific applications. Initially and over its operational life, the valve costs less and performs better than comparative options, which is why Vanessa valves are the leading triple-offset valve around the world.



VANESSA

Seating

Torque: Vanessa's seating force is generated by externally applied torque rather than by mechanical interference as in position-seated ball, butterfly and plug valves.

Metal-to-Metal: Vanessa's cone-to-cone concept requires metal-to-metal seating in order to handle all possible applications.

Rotation

Quarter-Turn: the quarter turn rotation eliminates any negative effects on packing caused by rising stems, such as extrusion and abrasion, improving valve performance and reducing fugitive emissions.

Non-Contacting: Eliminating contact between seat and seal during opening-closing means extending the life of the sealing elements (minimum/no maintenance is required across most applications) and the valve altogether.



Superior Service, World Class Products & Local Expertise: Delivered

Applied Control has the products, facilities, trained personnel and engineering resources to supply all your valve and automation needs.



Local Inventory: We stock actuators, valves, and control components to meet your most demanding applications at our local warehouses in Englewood, Commerce City and Gillette.



Heavy Lifting: 2,500 Square Feet of Workspace, 5 lean-designed workstations, one 20,000 LB Crane and three 4,000 LB Jib Cranes.



Extreme Temperatures: Most actuators and control components are inventoried in low-temp configuration suitable for ambient temperatures as low as -40°F.



Quality Control: Actuators, limit switches, solenoid valves, positioners, tubing, and accessories are mounted, calibrated and tested on the valve before each assembly ships.



Safety/Emergency Systems: Safety Systems with SIL ratings and partial-stroke testing requirements are a standard for us. Our Valve Automation Application Engineers can assist you with these equipment and testing specifications.



Equipment Services: Our skilled Valve Automaton shop personnel are available to provide shop-based or on-site repair and trouble-shooting services for your pneumatic actuated and motor operated valves (MOVs).



Meeting Your Quality Standards: We routinely accommodate customer inspections and factory acceptance of our valve assembly and testing procedures in our Centennial, CO shop.



Emerson Impact Partner



EMERSON™