
SOLUTIONS & CAPABILITIES

VALVE AUTOMATION CENTERS



 **Bray**[®]

BRAY.COM

THE HIGH PERFORMANCE COMPANY

Innovation Meets Excellence

VALVES

ACTUATORS

CONTROLS

INTEGRATION

INTELLIGENCE

Turnkey flow solutions with 100% integration, calibration, and testing of Bray or qualified third party products — backed by comprehensive calculations, documentation, and traceability.

CAPABILITIES INCLUDE:

NON-DESTRUCTIVE
EXAMINATION

LEAKAGE TESTING
(HYDRO, AIR, GAS)

PERFORMANCE TESTING

FACTORY ACCEPTANCE TESTING
(FAT) WITH PHOTOS & VIDEO

PARTIAL STROKE &
FULL STROKE TESTING

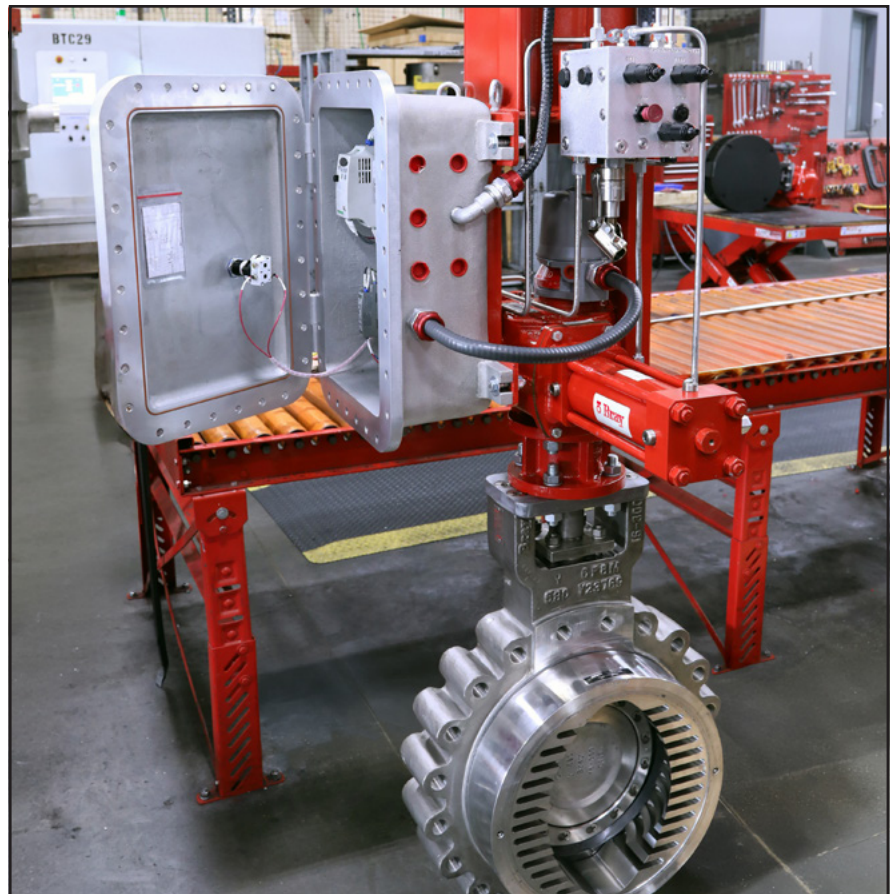
CALIBRATION

ADVANCED DIAGNOSTICS

CONTROL VALVE
OPTIMIZATION

NETWORK COMMUNICATION
CONFIGURATION

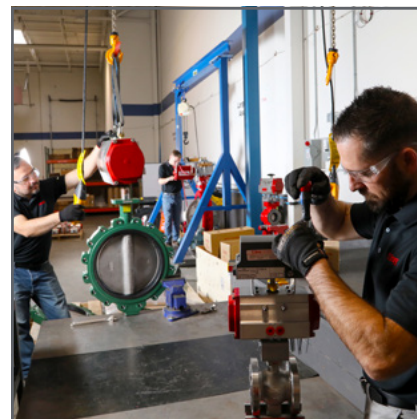
SIL CALCULATIONS



*Engineered solutions to fit
your unique applications.*

Speed & Agility

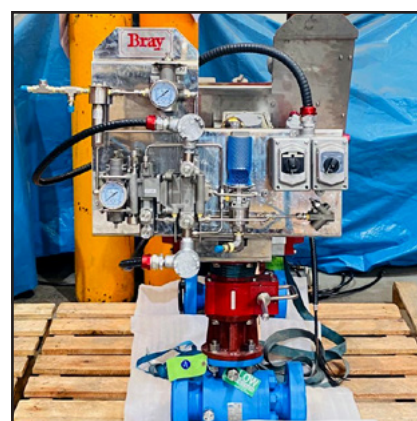
- > Streamlined specifications process with fast, accurate quoting to accelerate project timelines.
- > Quick turnaround assembly, testing, and delivery of automated packages.
- > Instant access to technical expertise and support — ensuring seamless project execution from start to finish.



Complete assembly and thorough testing of automated packages.

Customization

- > Engineered solutions tailored for your unique application challenges.
- > Fully integrated and tested packages using high performance Bray products or fully qualified complementary products.
- > Automation application engineers on staff to provide immediate technical expertise and customer support.



Integrated solutions to solve complex challenges..

Scalability

- > State of the art technology, tools, and equipment, with a comprehensive range of valve automation products.
- > Product and application expertise, ranging from sizing recommendations to full training and support services.
- > Complete global capabilities and services, including sourcing options to meet unique regional requirements.



Scalability to meet project demands.

Application Specific Designs

1 CRUDE OIL METERING

Control valve | 30 degree segment | Explosion proof positioner | NACE compliant | Tested to API 6D

2 NUCLEAR POWER GENERATION

Isolation valve | Rack & pinion actuator | Pneumatic backup tank | Seismic testing performed

MINING

Slurry valve | Purge ports | Scotch yoke actuator

WATER TREATMENT

Isolation valve | Scotch yoke actuator | Speed controls

3 HYDROCARBON & CHEMICAL TANK STORAGE

Jetty manifold control and isolation valves | Pneumatic actuators with positioners & proximity sensors

4 GAS METERING STATION

Safety shutdown valves | Zero emission actuators | Accumulators | Hydraulic power unit cabinets | EPA friendly

5 ROCKET LAUNCH SYSTEM

Nitrogen charged water deluge system | Fast acting | Scotch yoke actuator | Specific speed operation

6 TURBO EXPANDER

Cryogenic isolation valve | Turbine trip | Scotch yoke actuator | Fast acting (0.5 second close) | Redundant solenoids | SIL 2 capable

7 DRINKING WATER PUMP STATION

Control valve | Third party electric actuation | Local control station

8 CHEMICAL POLYMER REFINING

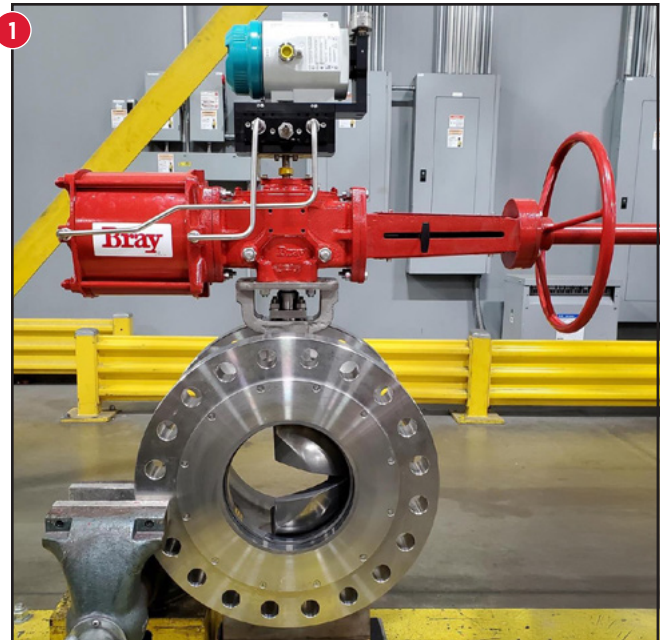
Venting valve | Scotch yoke actuator with positioner | Fast acting | Declutchable gear override

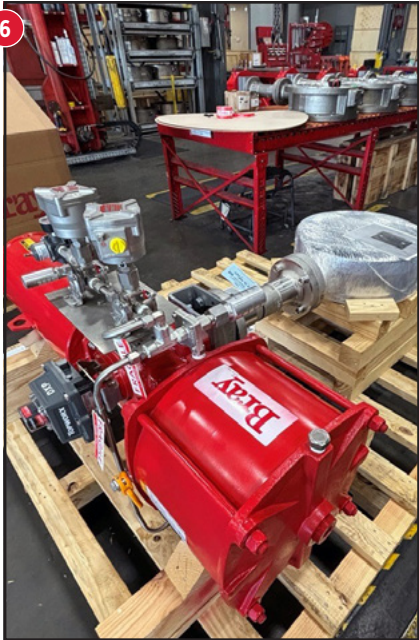
9 SUGAR & ETHANOL PLANT

Filtration | Inlet circuit isolation valves | High cycle | Pneumatic actuation with proximity sensor

10 PULP & PAPER PLANT

Junk trap cyclone | Abrasive media | High cycle knife gate valves | Pneumatic piston cylinders (on/off)





Powering Your Success

SERVICE

SUPPORT

TRAINING

DOCUMENTATION

WARRANTIES

Every solution meets the highest standards of performance, quality, and reliability — backed by warranted processes and unmatched expertise.

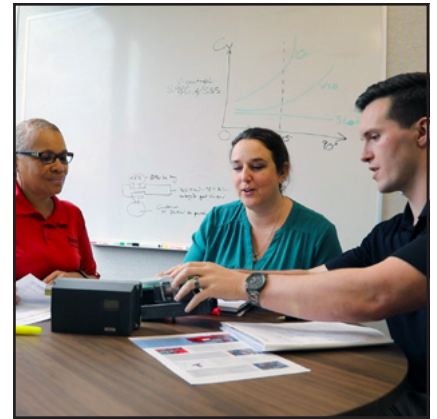
CERTIFICATIONS INCLUDE:



Every product undergoes thorough quality checks.

Partnership

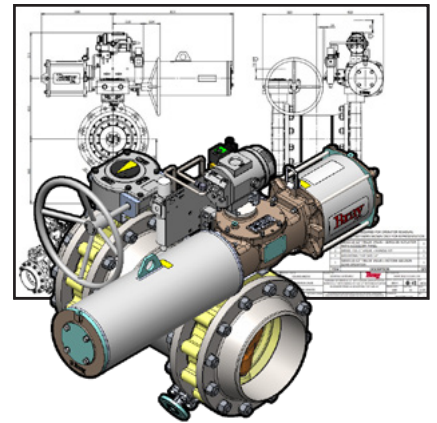
- > Product and application expertise, ranging from sizing recommendations to training and support services.
- > Engineered solutions delivered with a full suite of available support, including startup commissioning and field service.
- > Single point of contact to simplify communication and decisions — saving time and money.



Full support throughout all project phases.

Trusted Solutions

- > Our Quality Management System, per ISO 9001, ensures every product is delivered with industry leading quality.
- > Stringent processes are followed with all required commercial and technical documentation provided.
- > Bray takes full ownership of the product lifecycle, with complete support — from initial purchase to ongoing maintenance.
- > Bray products are backed by a commitment to long-term performance and customer satisfaction.



3D modeling and drawings provided.

Global Reach Local Presence

- > Complete global capabilities and services, including sourcing options to meet unique regional requirements.
- > Wherever you are...experience the Bray difference. Contact us to learn more about how we can support your valve automation needs globally.



Delivery to support your needs... wherever you are.

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SINCE 1986, BRAY HAS PROVIDED FLOW CONTROL SOLUTIONS FOR A VARIETY OF INDUSTRIES AROUND THE WORLD.

VISIT **BRAY.COM** TO LEARN MORE ABOUT BRAY PRODUCTS AND LOCATIONS NEAR YOU.

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GLOBAL COMPANY | REGIONAL FOCUS | LOCAL PRESENCE



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