



VALVE AND AUTOMATION SPECIALISTS



COMPANY OVERVIEW

HELPING TO HARNESS THE WORLDS RESOURCES
DECADES OF EXPERIENCE / PROVEN PERFORMANCE

A Manufacturer's Representative

Total Valve & Equipment

is pleased to introduce our company. We bring to you over 50 years of product knowledge in new and remanufactured valves and equipment.

Our commitment to the customer is second to none. As you will see we offer a wide variety of valves and related equipment for oil and gas producers, pipeline companies, and chemical plants. Our ability to find valves for critical deliveries and / or hard to find items is also second to none. We look forward to earning your business and working with you on all of your valve and equipment needs.

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The logo for ViNtrol, featuring the word "ViNtrol" in a bold, sans-serif font. The "Vi" is red, and the "Ntrol" is black. A stylized valve symbol is integrated into the letter "o".

ViNtrol

The logo for WellMark CEMCO MAJOR. "WellMark" is in a large, blue, serif font. Below it, "CEMCO" is in a smaller, green, sans-serif font, and "MAJOR" is in a larger, green, sans-serif font. A blue arrow points to the right, passing through the "MAJOR" text.

WellMark®
CEMCO MAJOR

The logo for Moniteur DEVICES. "Moniteur" is in a large, blue, serif font. Below it, "DEVICES" is in a smaller, blue, sans-serif font, enclosed in a blue rectangular box.

Moniteur
DEVICES

The logo for UF Universal Flow Valve. It features a yellow oval with a blue border. Inside the oval, "UF" is in a large, blue, sans-serif font, and "Universal Flow Valve" is in a smaller, blue, sans-serif font.

UF Universal Flow Valve

The logo for paladon AMERICAS. It features a blue rectangular background. On the left, there is a stylized red and white logo. To the right, "paladon" is in a large, white, sans-serif font, and "AMERICAS" is in a smaller, white, sans-serif font below it.

paladon
AMERICAS

The logo for CVS Controls Ltd. It features a white rectangular background with a black border. "CVS" is in a large, black, serif font. Below it, "Controls Ltd." is in a smaller, black, serif font.

CVS
Controls Ltd.

The logo for MERCER VALVE CO., INC. It features a blue rectangular background. On the left, there is a large, white, stylized "M" logo. To the right, "MERCER VALVE CO., INC.®" is in a white, sans-serif font, and "“AUTO SEAT TECHNOLOGY”®" is in a smaller, white, sans-serif font below it.

M
MERCER VALVE CO., INC.®
“AUTO SEAT TECHNOLOGY”®



Automation



Pneumatic Actuation



BETTIS

Hydraulic Actuation



BETTIS

Electric Actuation



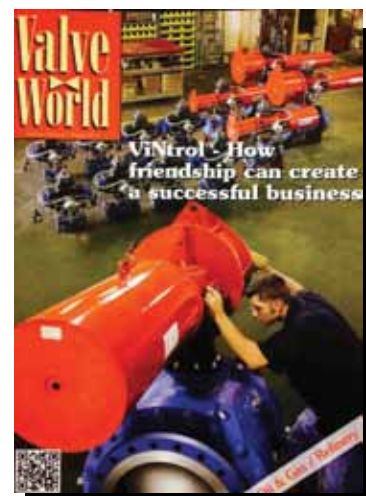
rotork

Gear Operators

rotork

SETTING THE STANDARD

- At **Total Valve and Equipment** our desire to serve the customer is our primary goal.
- Our inventories allow us to automate valves faster than the competition.
- Our quality allows the customer to rest well knowing the work is done right.





Automation Accessories

Regulators

WellMark
CEMCO • MEJOR
FISHER

Solenoid Valves

VERSA
Valves
ASCO

Switches

Moniteur
DEVICES
WESTLOCK

Fittings

Parker



**Tubed and Terminated
Connections, Meeting Electrical
Standards Such As:**

- Class
- Group
- Division
- Etc...

**Meeting and Exceeding the Customer's
Engineering Requirements**

- Custom Stainless Enclosures
- Pilot Operated Systems
- Stainless Steel Tubing Runs
- Stainless Steel Fittings
- Etc...

Products and Inventory



Products:

Ball Valves
EBDV'S
ESDV'S
Check Valves
Piston Checks
Gate Valves
Globe Valves
Pigging Valves
Actuators
Chokes
Strainers
Regulators
Relief Valves
Level Controllers
Level Switches
Solar Chemical Pumps
Dump Valves
Meter Runs
Flanges & Fittings
Reconditioned Valves
Etc. . .

Inventories:

- Total Valve & Equipment Keeps Over \$1 Million in Valves and Automation in our Lafayette, Louisiana Facility, Stocking Through 16" Bore
- ViNtrol Inc. Keeps over \$18 Million In Oklahoma City, Oklahoma, Stocking Through 36" Bore



Customer Service is our #1 Goal

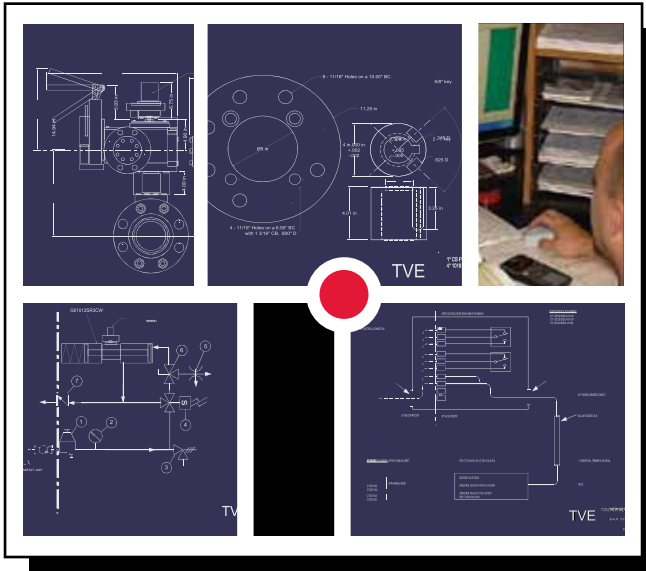
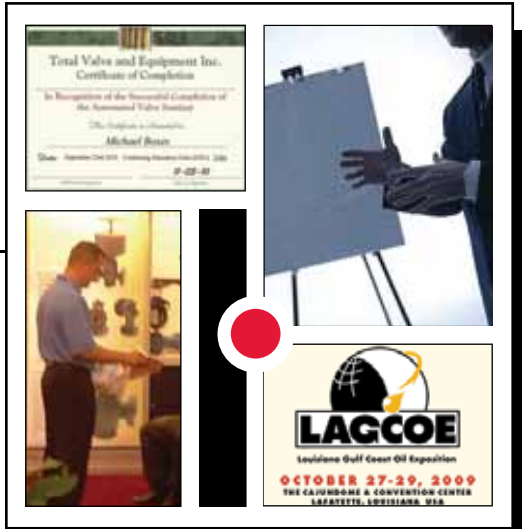
Experience The Total Valve & Equipment Difference



Value Added Services

PRESENTATIONS:

- Lunch & Learns
- Power Point Presentations
- On-Site Automation Demonstrations
- Louisiana Gulf Coast Oil Exposition



CAD:

- Mechanical Drawings
- Tubing Schematics
- Wiring Diagrams
- ESDV & EBDV Dimensioning

CAM:

- In-house, computer aided, climate controlled, machine shop
- We design and manufacture precision components for valve actuation and valve modifications.
- Inventories are built to ISO 5211 International Standards which allow us to assemble automation packages faster than the competition.



Valve Modifications

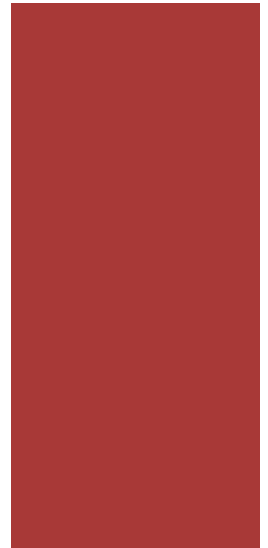
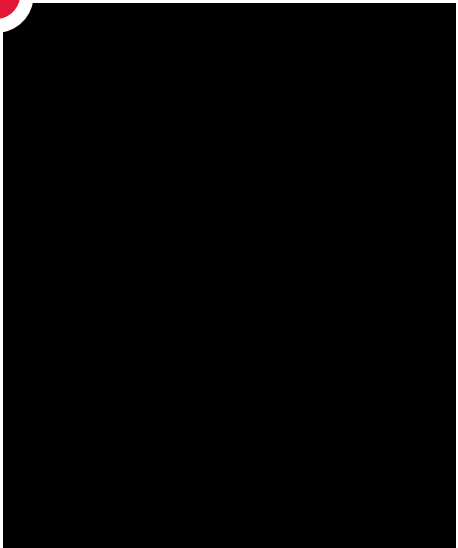
Single Source All Your Valve Needs

- Stem Extensions for Buried Service with Fully Extended Lubrication and Vent Lines
- Flange Conversions for Applications such as:
 1. Hot Tap Service
 2. Weld End Applications, with or without Pups
- Sub-Sea Conversions to 400 foot Depth
- Internal and External Coatings Available such as:
 1. Coal-Tar Epoxy
 2. Enduro-Bond
 3. Three Coat Paint Systems
 4. Electrolus Nicol Plating
 5. Stellite Trims
 6. Etc...
- Body and Trim Materials Available for Severe Service Environments such as:
 1. 316 Stainless Steel
 2. 410 Stainless Steel
 3. Duplex
 4. Super Duplex
 5. Etc....

Years of experience allows us to supply our customers with the correct valve materials that meet their specific service conditions.

Allow Total Valve & Equipment to partner with you to provide custom solutions that fit your specific needs.





Actuation Mounting:

- All mounting hardware is designed and manufactured in our facility to meet our exacting standards.
- Our technicians are trained and experienced in automation.
- We also provide a continuing education program for our technicians which is designed to keep up with an ever changing industry.



Quality Assurance

Automation Setting:

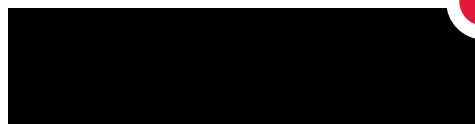
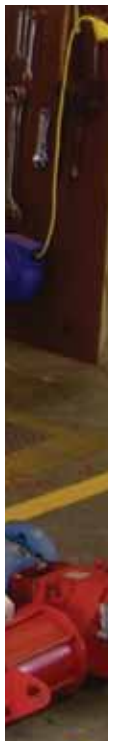
Our customers can rest well knowing their product is assembled right the first time. Proprietary tooling and procedures allow us to hold tight tolerances upon setting actuation.

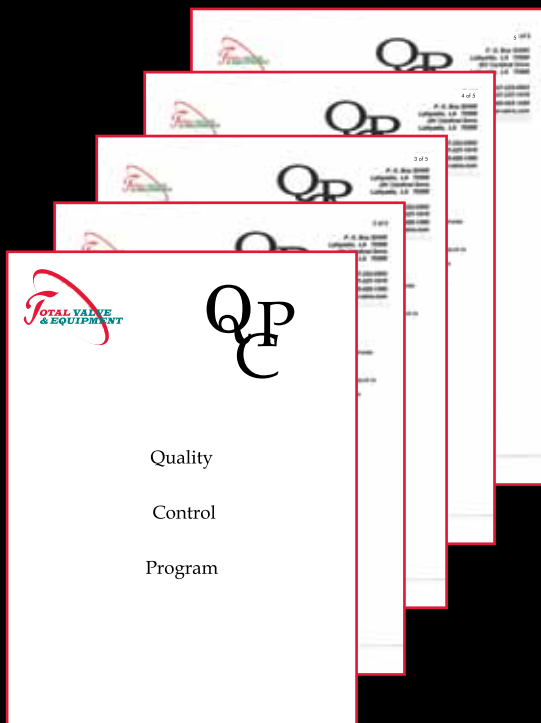
Our maximum allowable tolerance is 2.5 degrees either side of 90 degrees closed.

2.5 degrees allows for full ball seat engagement, while 5 degrees may cause some ball valves to be off of seat.

Automation Accessories:

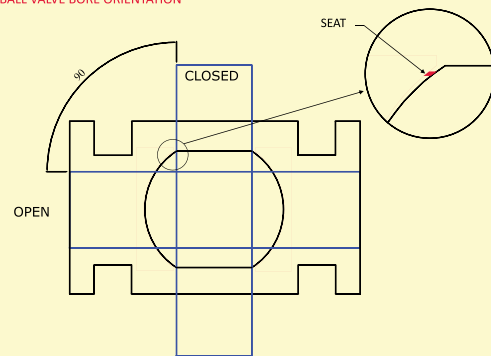
- All accessories are tubed and terminated according to customer's schematics and diagrams.
- All components are checked under power, in order according to procedures and signed-off on.
- A supervisor checks work against job ticket and signs off after full inspection of working product. Product is then moved to shipping.
- In shipping, all product goes through a final inspection against job ticket.
- Once product passes inspection, it is tagged and shipped





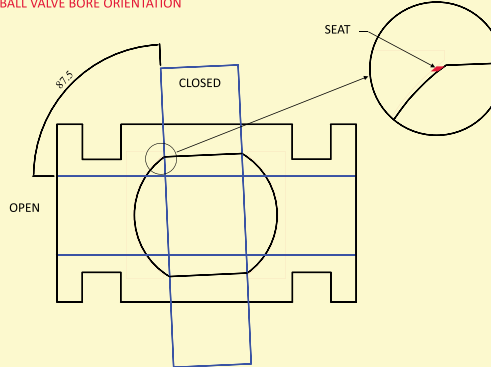
MAXIMUM ALLOWABLE TOLERANCE

BALL VALVE BORE ORIENTATION



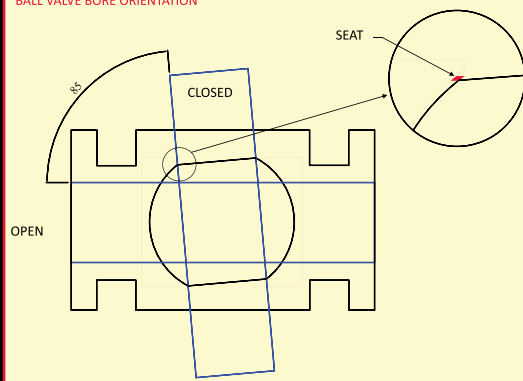
0 DEG

BALL VALVE BORE ORIENTATION



2.5 DEG

BALL VALVE BORE ORIENTATION



5.0 DEG



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