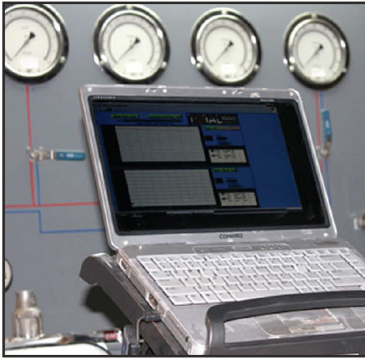


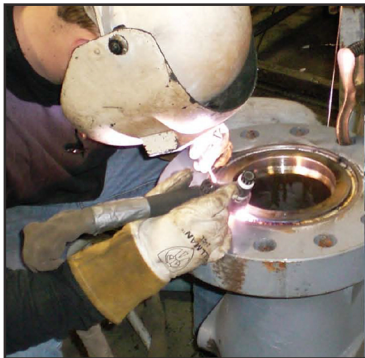


In-House Services at Total Valve



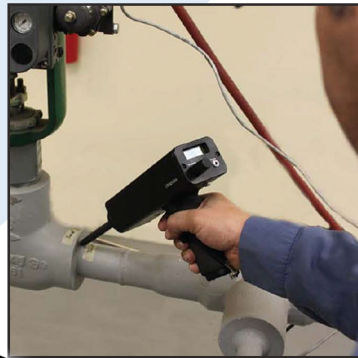
Block & Process Valves

- Highly experienced and trained technicians
- Complete reconditioning of all valve types
- Material modifications and overlays
- API hydrostatic testing
- Utilizing SolidWorks® 3D modeling for valve design



Machining & Welding

- Manual machine shop with capacities up to 84"
- CNC machining for quick turnaround
- Complete ASME "U" and "R" stamp welding
- In-house heat treatment and testing for Rockwell hardness specifications
- Reverse engineering



Actuation & Control Valves

- Service and repair for all major actuator brands
- Actuator conversions and mounting for all valve types
- Sizing and engineering
- OEM conversions and modifications
- ASME-certified flow lab to verify CVs and optimize trim packages
- Upgrade and manufacture gears, stems, and drive

Total Valve Live Performance Tracking

- DOT compliance testing: 192.743, 192.739, 195.428
- Real-time testing updates from on-site team
- Online valve diagnostic tool to lower cost
- API / ASME compliance reports
- Access to valve test reports 24 / 7
- Complete maintenance history on each valve
- Stored P&ID / valve tag numbers



Total Valve Systems

1300 East Memphis Street | Broken Arrow, Oklahoma 74012
PH: (918) 258-7035 | FX: (918) 251-6426

TotalValve.com



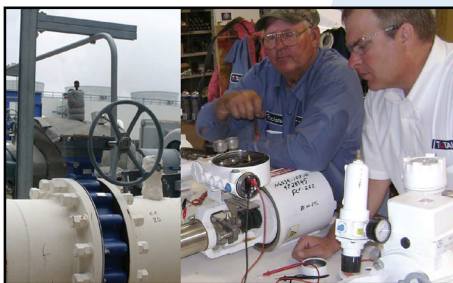


Field Services at Total Valve



Total Valve has eight fully-equipped Mobile Valve Repair Units available for rapid turn-around, on-site service at your location.

Block & Process Valves



- Factory trained technicians with an average of 15 years' experience
- In-line valve repair with 24/7 service
- Machining, welding and lapping
- Seat ring removal, repair, and replacement
- Actuator testing and repair
- OEM conversions / modifications for all brands

Field Machining & Welding



- Flange facing
- Valve and pipe removal and weld prep machining
- Repair pressure seal bores to OEM specs
- EFCO SL & Dexter gate valve seat lappers
- EFCO VSK globe seat grinder
- Complete ASME "U" and "R" stamp welding

Engineering & Manufacturing



- Parts purchased or manufactured to exact OEM specifications
- Pressure seal rings machined to better than OEM
- Engineered valve packing and live load conversions
- Control valve diagnostics and leak detection
- Comprehensive repair report for all serviced valves



Latest HF ALKY PRV Test Mobile Units

PORTABILITY

- Placed in HF unit area foot print (12' x 20')
- Quick mount and lift system for valves
- Requires only 110V and water hookup

TESTING CAPABILITIES

- Conventional and pilot safety valves (and control valves)
- Real-time graphs and reports from the pre-test
- Completely enclosed test chamber with continuous rinse
- VR certified and HF trained technicians



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