

## Capabilities & Equipment



- VR,UV & NB Certified by the National Board for Steam, Gas & Liquid
- Highly Experienced & Trained Technicians
- In-Line Seat Repair Machining & Lapping
- OEM Conversions/Modifications for All Brands
- Liquid & Nitrogen Testing up to 6000 psi
- Steam Testing up to 1500 psi
- Hydro-Set Testing up to 5000 psi
- Lapping, Machining & Facing
- PMI (Positive Material Identification)
- Spring Testing & OEM Compliance
- Oxygen Cleaning

## Valve Repair

### In-Shop Repair

VR Certified for Air, Steam & Liquid  
Valve Diagnostic Tools  
OEM Conversions  
Web Based Test Reports  
Oxygen Cleaning  
CNC Equipment

### Field Service Repair

3 Mobile Units  
In-Line Valve Repair  
Welding Services  
In-Line Machining & Seating  
API/ASME Compliance Testing  
Hydro-Set Testing



## Mobile Valve Repair Center

- Mobile Machine Shop with Lathe, Mill, Welder & Tools Required
- for In-Line Valve Repair
- Designed for Improved Safety & Access
- On-Site Valve Repair includes Lives Performance Tracking
- Online 24/7
- Skilled & Trained Machinist On-Site
- Reduce Cost & Downtime
- Ideal for Remote Locations



## Triton LVT - Live Valve Testing System

Introducing Total Valve System's innovative approach to in-line pressure and relief valve testing with real-time, 24/7 online access to detailed diagnostic information on each valve as it proceeds through the servicing process.

How do you currently track the performance and efficiency of your relief valves? Shut down operations to test each valve individually? With LVT from Total Valve Systems, you don't have to interrupt operations or blindly hunt through all your valves for one requiring overhaul.

The Live Valve Testing System (LVT) can test valves without interrupting normal operations, and you can track that information in real-time for each of your valves online at Total Valve's website. By diagnosing which valves need repair before a scheduled shut down, only those valves need to be removed from the line during maintenance and the time required to be offline is significantly reduced.

With the 24-hour online database tracking diagnostic information of all your valves, you have an easily accessible, permanent record for future maintenance. Check out the latest technological advancements in valve production, maintenance and performance evaluation at [Totalvalve.com](http://Totalvalve.com).



## The LVT Advantage

- In-line testing of valve performance
- Instant valve informational database
- Increases productivity by reducing downtime for plant operations
- Reduces cost of maintenance
- Reduces time needed for valve servicing
- Online tracking of diagnostic information

## Live Performance Tracking Online 24/7

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

