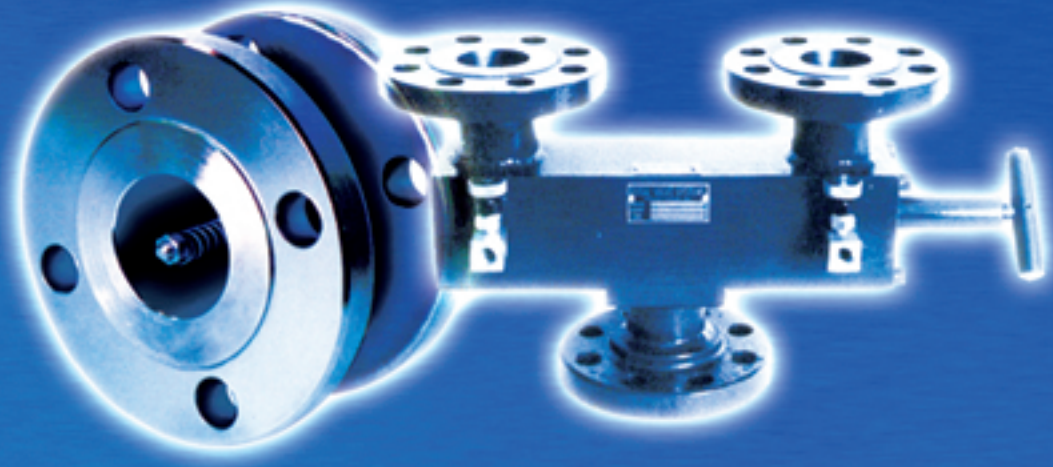


Products



- Pressure Relief Valves
- Vacuum Relief Valves
- Process Line Valves
- Actuation Control Valves
- Excess Flow Valves
- Check / Vent Valves
- Isolation / Diverter Valves
- Gauges / Instrumentation

Customized Products



- Excess Flow Valves
- Isolation / Diverter Valves
- Vacuum Relief Valves / Safety Shut-Off Valves
- Test Inserts / Pipe Covers
- Springs



www.totalvalve.com

Corporate Office

1300 East Memphis
Broken Arrow, Oklahoma 74012

Office: (918) 258-7035
Toll Free: (800) 324-7035
Fax: (918) 251-6426

Shanghai Office

819/B, Jingan New Century Plaza
No. 881 Nanjing West Road,
Jingan District, Shanghai 200041
China

Tel: +86(21) 3217-0390
Fax: +86(21) 6272-2633

“Trusted solutions
for over 25 years”



www.totalvalve.com

Services



Pressure Relief Valves

- VR certified by the National Board for Steam, Air and Water
- OEM Conversions / Modifications for all brands
- Air Testing up to 4000 psi, Liquid Testing up to 1000 psi, Steam Testing to 1500 psi, & Hydro-set Testing to 5000 psi
- Oxygen Cleaning

Vacuum Relief Valves

- Precision Test/Calibration Equipment
- N.I.S.T. Calibrated Lab
- Capacity Sizing and Testing
- Oxygen Cleaning

Process Line Valves / Actuation Control Valves

- Valve types -- Ball, Globe, Butterfly, Gate, Plug, Check, Excess Flow, Vent
- Re-Facing, Re-Seating, Re-Packing
- API/ANSI/OEM Compliance Testing
- Actuation systems-- Fisher, Bettis, Limitorque, Auma

Gauges & Instrumentation

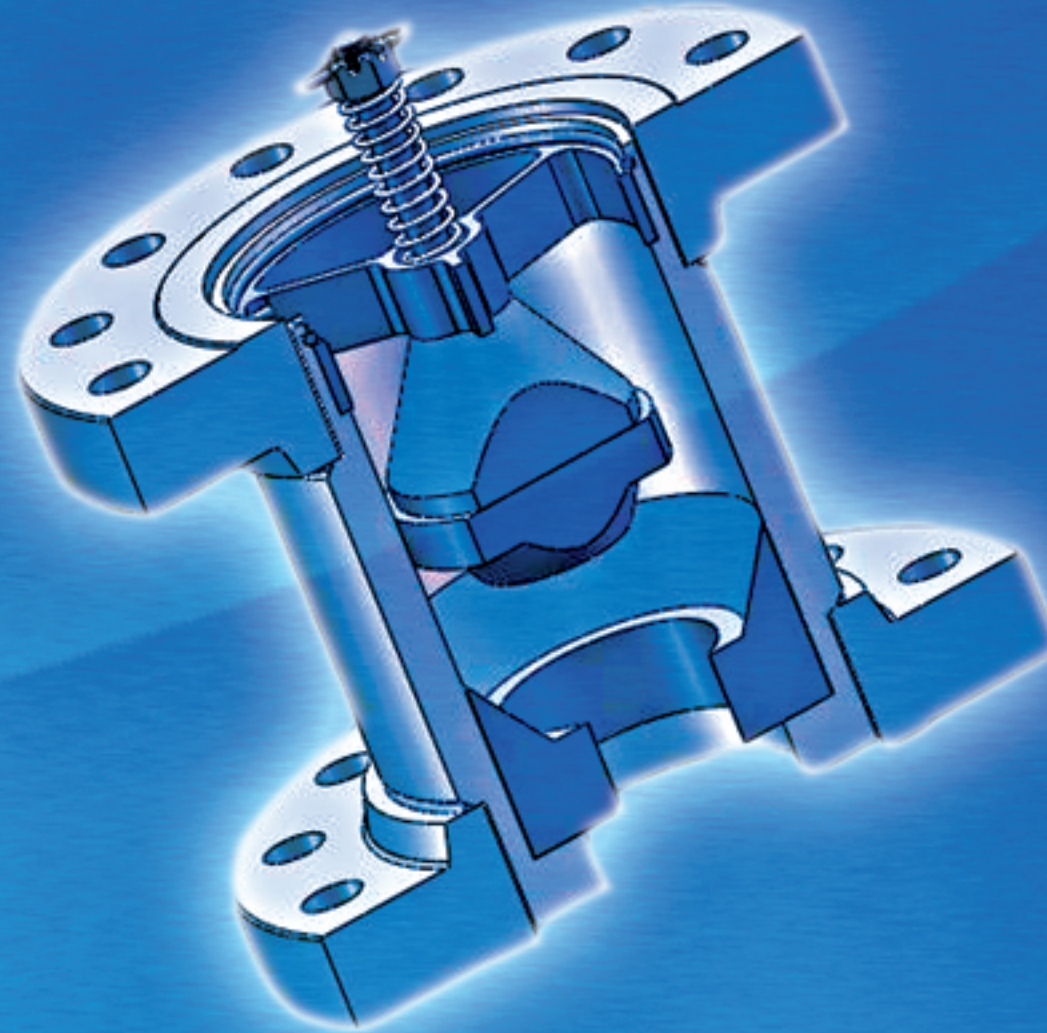
- N.I.S.T. Certified
- Certified Pressure / Vacuum Testing Certified
- Liquid filling Glycerin, Silicon and Halocarbon

Field Services

- VR certified by the National Board for Steam, Air and Water
- Highly Experienced and Trained Technicians
- 3 Fully Equipped Mobile Units
- On-Call 24/7

Engineering

- Flow Lab Testing
- Solid Modeling and Assembly Design
- Material Analysis
- Detail Drawings
- Failure Analysis
- CFD Modeling
- Project Management
- Water Flow Loop to 1000 GPM
- Air Flow Loop from .5 psi to 1000 psi
- Real Time Data Acquisition System for Flow Rates, Temperature, Pressure, Flow Video



Quality/Safety

- N.I.S.T. and N.S.B. Standards / Certifications
- VR certified by the National Board for Steam, Air and Water
- Six Sigma Design and Process Analysis
- SPC
- Lean Methods
- Material Identification
- Quality/Safety Programs
- Supplier Quality Program
- ISNET Member
- API/ASME Compliance Testing

THE NATIONAL BOARD OF BOILER & PRESSURE VESSEL INSPECTORS

Certificate of Authorization



This is to certify that
Total Valve Systems,
1300 East Memphis
Broken Arrow, OK 74012
USA

is authorized to use the VALVE REPAIR SYMBOL in accordance
with the applicable rules of the National Board.

The scope of Authorization is limited as follows:

Location: Shop & field controlled by above location	VR Special Process: Machining
ASME Code Section: I & VIII	Test Media: Steam, Air/Gas & Liquid

"VR" CERTIFICATE NUMBER: 145

ISSUE DATE: June 06, 2008

EXPIRATION: April 08, 2011

Executive Director

A handwritten signature in black ink, likely belonging to the Executive Director of the National Board.

