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### " Process Equipment Specialists"



•Field Service and Repair Valve Automation AUTOMAX Pneumatic Actuators NAF Control and Check Valves •Worcester Ball Valves



### **Rupture Disks**

•Metal / Graphite Burst Indicators Explosion Panels



### **Continuous Emissions** Monitoring

 Opacity Monitors/Stack Flow •Data Acquisition Systems Analyzers



**Aquarian Boiler Trim**  Boiler Level Conductivity Probes •Bi-Color Sight Glass



### Specialty Ball Valves

Metal Seated Tight Shutoff

- Custom Applications
- Throttling or On/Off
- Exotic Alloys



### **Patented Forged** Stop Check Valves

•High Temperature / High Pressure Globe Valves Swing Check Valves •Gate Valves

### EE OMOE

### **Technically Advanced Butterfly Valves**

 Zero Leakage Triple Offset •Field Replaceable Seals Double Block & Bleed Valves



•Globe, Severe Service •Butterfly, V-Notch, Eccentric Plug •Digital Positioners / StarPac III •Valve Mounted Controller

# **PROTECTOSEAL**

#### Vapor Controls

•Pressure / Vacuum Tank Vents Flame / Detonation Arrestors •Tank Blanketing Regulators



Sampling Systems •OdorEyes - Natural Gas Odorizers •Hydrocarbon Sampling Injections or Extractions •Filters/Dryers



 Transducers, Transmitters & Indicators / Manifold Valves •Needle & Solenoid Valves Pressure Switches



### **High Performance**

### **Knife Gate & Butterfly Valves**

•Bi-directional Zero Leakage - Vacuum ·Lime Slurry, Fly Ash, & Powder Applications Rubber Seated & Teflon Lined Butterfly Valves



**Butterfly Valves**  Zero Leakage Triple Offset •High Performance •Elastomer Lined Rubber / PTFE



### **Ball Valves**

·CS, SS and Special Alloys •Wide Range of End Connections Pneumatic/Electric Actuation

### Kammer Valves FLOWSERVE

**Control Valves** 

·Low Flow / Bellows Seal Aseptic TFE Lined •Tank bottom drain valves

LESER The Safety Valve

### Safety Relief Valves

•Clean or Critical Service API Series CS/SST/Exotic Alloys



### **Natural Gas Analyzers**

•H2S, O2, CO2, & H2O Analyzers Total Sulfur Analyzers •Tunable Filter Spectrometers ·Gas Chromatographs



**EBG Flow Products** •Flow Elements Orifice Plates •Venturis & Meter Runs



### **Pipeline Ball Valves** Modulating Control Valves

 Anti-Noise & Anti-Cavitation Trims Trunnion Mounted •Up to 56" & 2500#

## MARSH BELLOFRAM

 Precision Air Pressure Regulators •Diaphragm Air Cylinders •Electronic Pressure Transducers Filter Regulator Lubricator

### **Magnetic Level** Gauges

•Magnetic Float Level Gauge Magnetostrictive Transmitter Drum Level Indicator



•Full range of electric & pneumatic Modulating & On/Off •Type K Damper Drives

•Electro-Hydraulic Units



### Safety Relief Valves

 Bronze & Cast Iron •ASME Sections I & VIII for Steam, Air & Gas Services •ASME Section IV for Liquid Service



### Instrumentation Regulators

 Lifetime Warranty •Single Stage / Two Stage Back Pressure / Hi-Flow



Instrumentation Precision Instruments •For Measuring, Transmitting, & Control of Pressure, Temperature, Level, & Flow

# ADGUS

**FLOWSERVE** 

#### **Heavy Duty Ball Valves** Metal Seated Trunnion Mounted

•High Cycle



Gas Regulators Back Pressure Regulators •Pilot Operated Regulators Control Panel Regulators



### **Forged Steel** Gate Valves Globe Valves Check Valves



- The assembly from a large component stock ("assemble-to-order") is characteristic and differentiates LESER from other safety valve manufacturers
- 9 product groups with more than 2 million possible configurations are manufactured in the factory
- The building area of 21,500 sqm / 231,424 sq ft corresponds to approx. five football pitches
- Expansion of 10,000 sqm / 107,639 sq ft in the last ten years, the last one was completed in April 2018







LESER GmbH & Co. KG Itzehoer Strasse 63 - 65 24594 Hohenwestedt | Germany www.leser.com



FOCUS ON SAFETY VALVES The world's largest production facility dedicated only to safety valves.

With a capacity for 130,000 safety valves per year – between one and 1,600 kg per unit.

- The production facility in Hohenwestedt has existed for 75 years
- Founded in 1943 and continuously expanded since then
- Investment amount of the last 10 years: approx. 50 million euros
- LESER is the largest European manufacturer of safety valves and one of the three leading companies worldwide
- 400 out of 950 employees worldwide are employed in Hohenwestedt, 320 in production and 80 in administration and apprentices
- The production is segmented a specialized production of part families including all relevant quality inspections takes place in each segment:
  - Casting
  - Series
  - Small series
  - Day-by-day assembly
  - Project assembly

## LESER HOHENWESTEDT Fact & Figures:

million euros in component stock and 4.3 million euros in raw materials **BO**/o product availability from stock by LESER's "assemble-to-order" strategy

> 2,500 produced safety valves per week

integrated quality checks fully documented in SAP