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## ***PROCESS INSTRUMENTATION and CONTROLS***

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- **Thermal Dispersion** Instruments
- **Flow / Level / Liquid Interface** Switches
- **Gas Mass Flowmeters**
- **Vortab** Flow Conditioners



- **Pressure and Differential Pressure** Transmitters
- **Magnetic Flow Meters**, Two Wire & Four Wire
- **Open Channel** Flow Meters
- Precision **Multivariable Flowmeters**
- **Vortex, Turbine**, and Custom Built



- **Level Transmitters & Switches**
- Non-contact & Guided Wave **Radar**
- **Ultrasonic, Capacitance, Magnetostrictive & Hydrostatic**



- Insertion **Magnetic Flowmeters**
- One Size Truly Fits All!
- Pipe sizes from 1.5 inch to 120 inches



Water & Process  
Technologies

- **Sievers TOC Analyzer** and sensors
- **Leakwise** (Agar) **Oil in Water** Sensors



- **Chlorine & Dechlorination** Systems
- **pH, ORP, Conductivity & Dissolved Oxygen**
- **Gas Detection** Systems



- Lab **Viscosity** and Rheology Measurement
- **Texture** Analysis and **Powder Flow** Testers
- In Line Process Viscometers and Control



- Industrial **Wireless** Products
- Transmitters
- Sensors



**PROTECTOSEAL**  
SAFETY WITHOUT COMPROMISE














- **Tank Fittings**; Vents; Vacuum Relief & Breather Valves
- Flame & Detonation Arrestors
- Gauging and Tank Blanketing Systems



- **Rupture Disks**: Reverse and Forward Acting
- Graphite and Sanitary Disks
- Explosion Vents, Accessories and Holders



- Honeywell **Globe Control** Valve
- Cage Guided **Globe Control** Valves
- 3-Way **Mixing / Diverting** and Angle **Globe Control** Valves

 <ul style="list-style-type: none"> <li>• Variable Area Meters</li> <li>• Rotameters</li> </ul>	  <ul style="list-style-type: none"> <li>• Signal Conditioning</li> <li>• Recorders &amp; Controllers</li> </ul>
 <ul style="list-style-type: none"> <li>• Red Lion Panel, HMI, Controllers And I/O</li> <li>• Sixnet Industrial Ethernet</li> <li>• N-Tron wireless systems</li> </ul>	 <ul style="list-style-type: none"> <li>• Calibrators, Monometers</li> <li>• Primary Flow Elements</li> <li>• Hart Communicators</li> </ul>
 <p><u>Turbine Meters</u> High Accuracy, Cryogenic, Corrosive &amp; Severe</p>	 <ul style="list-style-type: none"> <li>• Digital Level Sensors</li> <li>• Tank Car Sensors</li> </ul>
 <ul style="list-style-type: none"> <li>• Severe Service Flowmeters</li> <li>• Toruswedge &amp; VTDensitometer</li> <li>• Slurries, Sand Limestone, etc.</li> </ul>	 <ul style="list-style-type: none"> <li>• Plastic &amp; PVC Products for:</li> <li>• Flow, Temp. Pres. &amp; Level</li> <li>• For Corrosive Applications</li> </ul>
 <ul style="list-style-type: none"> <li>• Temperature Products</li> <li>• RTDs, Thermocouples</li> </ul>	 <ul style="list-style-type: none"> <li>• Belt Scales</li> <li>• Weigh Belt Feeders</li> </ul>
 <p><i>Ball Valves</i></p> <ul style="list-style-type: none"> <li>• V-Port, 1-Pc, 2-Pc, 3-Pc</li> <li>• Flanged &amp; Threaded</li> <li>• 3-Way, Trunion</li> <li>• Manual &amp; Automated</li> </ul>	 <p><i>Valve Positioners &amp; Accessories</i></p> <ul style="list-style-type: none"> <li>• Pneumatic, I/P &amp; digital</li> <li>• Mounting Brackets &amp; Switches</li> </ul>

## PROFESSIONAL SERVICES SOLUTIONS

Solution Partner  
Automation

**SIEMENS**

**ABB** Automation **Solution Provider**



Phoenix Instrumentation is affiliated with Western States Controls Professional Services Group that provides engineering and technical solutions to industrial process systems and instrumentation. Our organization will provide on-site support services for:

### Systems Engineering

- Process Controllers; PLC's; PC's; DCS
- SCADA; HMI; MMI Software
- Custom Application Software Development

### Field Services – Instrumentation

- Component Installation
- Instrument Calibration; Testing; Commissioning
- Instrument Repair

### Custom Control Room Upgrades

