

# Lorenz Valve Application Form

Date:\* \_\_\_\_\_

Company:\* \_\_\_\_\_

Contact:\* \_\_\_\_\_

Position:\* \_\_\_\_\_

Project Time Line: \_\_\_\_\_

Telephone:\* \_\_\_\_\_

Fax: \_\_\_\_\_

Email:\* \_\_\_\_\_

Project Reference # \_\_\_\_\_

Ext: \_\_\_\_\_

## Valve Application Information - Used in Pressure, Vacuum or Gravity Systems

Vacuum: ☐ Inches of water: OR ☐ Inches of Mercury (Hg) PSI: \_\_\_\_\_

Will the valve see 80 psi of Compressed Air? ☐ Yes ☐ No *(if NO; oversized air cylinder is required)*

If outdoor, is there Dry Instrument Air? ☐ Yes ☐ No

Material being conveyed: \_\_\_\_\_ Size of Material: \_\_\_\_\_ CEMA Class: \_\_\_\_\_

Is the material abrasive? ☐ Yes ☐ No Is material dry? ☐ Yes ☐ No Material Temperature: \_\_\_\_\_

% of Moisture \_\_\_\_\_ Installation: ☐ Indoor ☐ Outdoor

Is valve cutting through a head of material? ☐ Yes ☐ No Special Service Inlet ☐ Yes ☐ No

What is mounted above the valve? \_\_\_\_\_

What is mounted below the valve? \_\_\_\_\_

How is the valve going to mounted? ☐ Vertically ☐ Horizontal ☐ Angled If so, how much? \_\_\_\_\_

What is the valve cycle frequency? \_\_\_\_\_

## Select the Type of Valve or Gate Required

**Diverter Valve:**  
☐ 2 Way ☐ “Y” ☐ “ST”  
☐ 3 Way  
☐ 4 Way

**Gravity Diverter:**  
☐ 2 Way ☐ “Y” ☐ “ST”  
☐ 3 Way

**Un-sealed Gravity Diverter:**  
☐ 2 Way ☐ “Y” ☐ “ST”  
☐ 3 Way

**Aggregate Diverter:** ☐ 45° *(standard)* ☐ 30° *(optional)*

**Aggregate Control Gate:** ☐ Square ☐ Round

**Maintenance Gate:** ☐ Round ☐ Square

**Slide Gate:**  
☐ TPS *(Tube / Pipe Stub Connection)*  
☐ LSP *(Lightweight Stud Pattern Connection)*  
☐ BBH *(Blind Bolt Hole Connection c/w 150# pattern flange)*  
☐ SB *(150# Stud Bolt Connection c/w 150# pattern flange)*  
☐ BTV *(Bolt Through Valve)*  
☐ U *(Unlined Slide Gate)*  
☐ Push / Pull *(Manual Gate)*

**Slide Flex:**  
☐ 2 Way  
☐ 3 Way

**Directional Flow**  
☐ 1 to 2 ☐ 2 to 1  
☐ 1 to 3 ☐ 3 to 1

**Gravity “V” Diverter:** ☐ Square ☐ Round

**Bypass Load Diverter:** ☐ *(Available in SS only)*

**Roller Gate:** ☐ Regular ☐ CEMA

## Valve Details

**Actuation:** ☐ Pneumatic

**Optional:** ☐ Hand Wheel ☐ Hand Crank ☐ Electric

☐ CE Marking *(European Installation)*

Quantity: \_\_\_\_\_ Size-Inlet/Outlet: \_\_\_\_\_

☐ 316 SS Contact Points

**Transitions:** ☐ Stainless Steel ☐ Aluminum ☐ Carbon

Gauge: \_\_\_\_\_

**Connections:** ☐ Round ☐ Square

☐ Couplings ☐ Flanges*(specify bolt pattern, hole size, thickness, if not 150# pattern)* \_\_\_\_\_

**Solenoids:** ☐ Single Acting ☐ Double Acting ☐ Manual Lever

**Solenoid Voltage:** ☐ 110v AC ☐ 24v DC

**Solenoid NEMA Rating:** ☐ NEMA 4 ☐ NEMA 7/9 *(explosion proof)*

**Options:** ☐ Filter Regulator ☐ Flow Control Muffler ☐ Vented Ball Valve

**Position Switches:** ☐

**Position Switch Voltage:** ☐ 110v AC ☐ 24v DC

**Position Switch NEMA Rating:** ☐ NEMA 4 ☐ NEMA 7/9 ☐ Other ☐ Prewired Terminal Box *(N/A with NEMA 7/9)*

**Pneumatic Control Options:** ☐ Push Button ☐ Variable *(dribble feed)* ☐ Infinite Positioning

Notes:

\* denotes a required field

Please fill out the form as completely as possible, and submit the form using the buttons at right.

You may also print the form and fax it to **(877) 372-4456**.

To speak to someone directly, please call **(800) 263-7782 (US)**, or **(800) 263-1942 (Canada)**.