

Lorenz Valve Application Form

Date:* _____

Company:* _____ Telephone:* _____ Ext: _____

Contact:* _____ Fax: _____

Position:* _____ Email:* _____

Project Time Line: _____ Project Reference # _____

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

Vacuum: Inches of water: OR Inches of Mercury (Hg) PSI: _____ 15 psi max. dilute phase

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: _____

Round Square

Connections: 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).