

Lorenz Valve Application Form

Date: _____

Company: _____

Contact: _____

Position: _____

Email: _____

Telephone: _____ Ext: _____

Project Time Line: _____ Project Reference # _____

VALVE APPLICATION INFORMATION - Used in Pressure or 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 _____ Indoor Installation Outdoor Installation

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 be mounted? Vertically Horizontal Angled _____ If so - How much?

What is the valve cycle frequency? _____

SELECT TYPE OF VALVE / GATE REQUIRED

Diverter Valve
2 Way "Y" "ST"
3 Way
4 Way

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)

Roller Gate Regular
CEMA

Maintenance Round
Square

Gravity Diverters
2 Way "Y" "ST"
3 Way

UnSealed Gravity
2 Way "Y" "ST"
3 Way

Directional Flow

Slide Flex
2 Way 1 to 2 2 to 1
3 Way 1 to 3 3 to 1

Aggregate Diverter 45° (standard)
30° (optional)

Aggregate Control Gate Square
Round

ByPass Load Diverter (Available in SS only)

Gravity "V" Diverter Square
Round

VALVE DETAILS

Actuation: **Pneumatic** **Optional:** Hand Wheel Hand Crank Electric CE Markings
(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

Voltage: 110v AC 24v DC
NEMA Rating: NEMA 4 NEMA 7/9 (explosion proof) Oversized Cylinder

Options: Filter Regulator Flow Control Muffler Vented Ball Valve Air Purged Body

Position Switches:
Voltage: 110v AC 24v DC
NEMA Rating: NEMA 4 NEMA 7/9 Other _____ Prewire Terminal Box
(explosion proof) (N/A with NEMA 7/9)

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

Notes: _____
