CHECKtronic® Pump Control Valves

(Complete One Sheet for Each Set of Identical Valves)

Project Name:_____ Location: _____

Engineer Name: _____ Firm Name: _____ Date: _____

Phone: _____ E-mail: _____GA Representative: _____

Line Fluid: Potable Water Other (Describe): _____

Type of Pump: Centrifugal Other (Describe): _____

Number of Pumps: _____ **Design Flow per Pump**: _____ USGPM **Pump Discharge Flange Size**: 2 inch

Type of Drive: ____ Constant Speed ____ Variable Frequency ____ Soft Start/Stop

Installation Conditions: Maximum Positive Suction Head _____ Ft H_2O (Centrifugal, Submersible, or Canned Turbine Pump)

Maximum Suction Water Surface *Elevation* _____ Feet Above MSL(1) (Vertical Turbine Pump)

Pump Shut Off Head _____ Feet H_2O(2)

Minimum Static Downstream System Head _____ Feet H_2O(3)

Elevation of Pump Discharge Flange _____ Feet Above MSL

Elevation of CHECKtronic Inlet Flange _____ Feet Above MSL

CHECKtronic® PUMP CONTROL VALVE

Size: 3 inch **Body Style**: Wye Body

Body Material, Flanges and Pressure Rating: Standard Cast Iron, ANSI Class 125 (MWP 200 PSI to 12", 150 PSI 14"to 36")

Electric Motor Actuator:

____ VAC 110-120 Other (Describe): _____

____ Phase 1 ____ Hertz 60 ____ Enclosure Watertight, Corrosion Resistant

Brand Preference: None Other (Describe): _____

Open/Close Stroke Time Adjustable(4) Up to a Maximum of _____ Seconds

Options & Accessories: ____ Valve Mounted Explosion Proof(6) SPDT Limit Switch (Watertight Switch is Standard)

____ Model 7700A Pump Director in Standard NEMA 4X Enclosure

____ Valve Mounted Watertight SPDT Pressure Switch with Isolating Valve (Included with Pump Director)

____ Valve Mounted Explosion Proof(6) SPDT Pressure Switch with Isolating Valve

____ Hydraulically Controlled Emergency Closing with Adjustable Spring

____ Adjustable Spring

Coatings: Internal Coating: ____ Factory Standard NSF-61 Epoxy ____ Other _____

External Coating: ____ Factory Standard Epoxy ____ Other _____

(1) MSL = Mean Sea Level
(2) Pump TDH at Zero Flow (from Pump Curve)
(3) Minimum head downstream of CHECKtronic when no pumps in this pump station are running
(4) Minimum is "non-pulsed" stroke time, it cannot be zero and it will vary by valve size and actuator brand.
(5) Additional information is needed to define submergence depth and duration
(6) Additional information is needed to define the explosion proof classification

Please submit to ga@gaindustries.com

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