

Control Valve Data Sheet							
1	Quote #				Company		
2	Item #				Contact		
3	Project				Telephone#		
4	Reference				Email		
5	Application	<input type="checkbox"/> On/Off	<input type="checkbox"/> Pressure Control	<input type="checkbox"/> Flow Control	<input type="checkbox"/> Power Plant		
6	Other: _____						

Service Conditions						
Flow Data	Case 1	Case 2	Case 3	Case 4	Full Open ΔP	Full Open Q
7	Q (MMscfd)					
8	P1 (psig)					
9	P2 (psig)					
10	□P (psig)					
11	T (°F)					
12	SG					
13	Upstream Pipe Schedule:			Upstream Pipe Diameter:		
14	Downstream Pipe Schedule:			Downstream Pipe Diameter:		
15	Maximum allowable noise level: _____ dBA @ 3 feet (1 meter) downstream of the valve and away from the pipe.					

Valve Data						
16	Quantity:	Valve Type:	<input type="checkbox"/> Ball	<input type="checkbox"/> Globe	Other: _____	Rating: ANSI
17	Size: _____ in.	End Connection: _____	WE wall thickness: _____ in.			
18	Model: _____	Face-to-Face: _____ in.	Valve Orientation:	<input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal		
19	Stem Orientation:	<input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal	Trim: _____	<input type="checkbox"/> New <input type="checkbox"/> Existing Valve		

Actuator Data						
20	Quantity:	Model: _____	Double Acting Spring Return			
21	<input type="checkbox"/> Above Grade <input type="checkbox"/> Below Grade	Buried Depth*: _____ ft. (.5 ft increments only)				
22	Valve Fail Position	Loss of Power Gas Supply: <input type="checkbox"/> Close <input type="checkbox"/> Open <input type="checkbox"/> Last	Loss of Instrument Signal: <input type="checkbox"/> Close <input type="checkbox"/> Open <input type="checkbox"/> Last			
23	Max. Shutoff □P: (psig) **	P Supply (min): (psig) of:	<input type="checkbox"/> Gas <input type="checkbox"/> Air			
24	Orientation:	<input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal	Mounting (see sketch):	<input type="checkbox"/> Left <input type="checkbox"/> Right		
* Defined from center line of pipe to grade			**Should match the maximum inlet pressure			
25	Actuator Mount:		<input type="checkbox"/> Left Hand Mount Clean Sweep (Standard) <input type="checkbox"/> Right Hand Mount <input type="checkbox"/> Right Hand mount Clean Sweep			

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Instrumentation			
VPC Series Pilot Controller			
26	Model:	Setpoint: psig	
27	Spring Range:	Spring Color:	Spring Part No.:
VGP Series Positioner			
28	Model:	Input Signal:	<input type="checkbox"/> 3-15 psig <input type="checkbox"/> 6-30 psig <input type="checkbox"/> Other (Specify): - psig
29	Action:	On Increasing Input Signal, Valve Will...	<input type="checkbox"/> Open (Fail CLOSE on Loss of Signal) <input type="checkbox"/> Close (Fail OPEN on Loss of Signal)
DE3 Series Positioner			
30	Model:	Input Signal:	<input type="checkbox"/> 4-20 mA
31	Action:	On Increasing Input Signal, Valve Will...	<input type="checkbox"/> Open <input type="checkbox"/> Close
32	On Loss of Signal (4-20 mA)...	<input type="checkbox"/> Fail CLOSE <input type="checkbox"/> Fail OPEN <input type="checkbox"/> LOCK LAST	
Red Circle Valve			
33	Command Signal:	<input type="checkbox"/> 4-20 ma	<input type="checkbox"/> 24v DC Discreet Pulse
34	Feedback Signal:	<input type="checkbox"/> Internal	<input type="checkbox"/> External Loop Power
35	Solenoid Valve:	<input type="checkbox"/> Double Acting 20 psig -150 psig	<input type="checkbox"/> Single Acting High Pressure 41 psig - 250 psig <input type="checkbox"/> Single Acting Low Pressure 20 psig – 40 psig
36	Failure Mode:	<input type="checkbox"/> Fail OPEN	<input type="checkbox"/> Fail Close <input type="checkbox"/> LOCK LAST
37	Feedback Transmitter:	<input type="checkbox"/> Linear Model	<input type="checkbox"/> Rotary Model

Accessories						
	Description:	Qty	Model:	Notes:		
38	VMO Valve Manual Override					
39	NVD No-Vent Device					
40	SGS Supply Gas System					
41	BP Bleed Pressure Sensor					
42	Volume Boosters					
43	ESC Remote Setpoint Mod.			Input Signal:	Hi & Low Setpoints	Hi: psig Low: psig
44	LV Lock Valve					
45	CP Setpoint Pump					
46	Limit Switches			Switch type:	Switch Qty:	
47	Position Transmitter			Input:	Output:	

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