

	Client:		Document Number:					
	Project Name:		Location:					
	Automated Valve		REV	DATE	ISSUED FOR	BY	CHECKED	APPROVED

GENERAL / SERVICE CONDITIONS				POWER REQUIREMENTS			
1.	Number Required			39.	Voltage / Phase / Hertz		
2.	P&ID No. / Section			40.	Horsepower / Speed / Full Load Amps		
3.	Line No. (Upstream)			41.	Power Gas / Power Air Supply Pressure, psig		
4.	Process Fluid Type			42.	Hydraulic Fluid Specification		
5.	Process Temperature, °F			43.	Gas Displacement per Stroke (Cu.In)		
6.	Ambient Temperature Range, °F			44.	Other		
7.	Electrical Area Classification, Class/Division/Group			45.	Other		
8.	Location, Indoor/Outdoor			ACCESSORIES			
VALVE SPECIFICATIONS				46.	Pilot (Electrical, Pneumatic or Hydraulic)		
9.	Bare Valve Tag No. (SN)			47.	Pilot Voltage or Pressure		
10.	Valve Type			48.	Pilot Manufacturer		
11.	New or Existing			49.	Pilot Model		
12.	Valve Manufacturer			50.	Local Reset Required		
13.	Valve Model No.			51.	Open Solenoid Operation (ETO, DTO, ETC, DTC)		
14.	Size, in			52.	Close Solenoid Operation (ETO, DTO, ETC, DTC)		
15.	ANSI Rating			53.	Control Schematic No.		
16.	End Connections			54.	Local Position Indicator		
17.	Maximum Allowable Stem Torque (MAST), in-lbf			55.	Fail Position (Open, Closed or Last)		
18.	Stem Design (2-pin / 4-pin)			56.	Limit Switch, Contact Type / No. Open / No. Closed		
19.	Maximum Differential Across Valve, psig			57.	Limit Switches Manufacturer		
20.	Valve Break Torque without Safety Factor, in-lbf			58.	Limit Switches Model Number		
21.	Valve Run Torque without Safety Factor, in-lbf			59.	Auxiliary Switch		
22.	Safety Factor (low temp factor included if required)			60.	Speed Control		
23.	Design Break Torque with Safety Factor, in-lbf			61.	Surge Suppression Diode Across Solenoid Coil		
24.	Design Run Torque with Safety Factor, in-lbf			62.	Hydraulic Override		
25.	Valve Mount (Horizontal / Vertical)			63.	Jackscrow Override		
26.	Stem Mount (Horizontal / Vertical)			64.	Stainless Steel Tag Bearing Valve Tag Number		
27.	Actuator Orientation to Pipe			65.	Control Tubing Size / WT / Material		
28.	Extension Length, in			66.	Control Tubing Fittings		
29.	Mounting Projection (Horizontal / Vertical)			67.	Volume Tank		
ACTUATOR SPECIFICATION				68.	Supply Valve		
30.	Actuator Manufacturer			69.	Supply Check Valve		
31.	Actuator Model No.			70.	Supply Filters		
32.	Power (Pneumatic/Electric/Hydraulic/Gas-Hydraulic)			71.	Supply Regulators		
33.	Spring Return or Double Acting			72.	Supply Relief Valves		
34.	Break Torque, in-lbf			73.	Supply Relief Valves		
35.	Run Torque, in-lbf			74.	Supply Pressure Gauge		
36.	Relief Break Torque, in-lb-f			75.	Supply Pressure Gauge		
37.	Operating Time, sec			76.	3-Way Ball Valve		
38.	Other			77.	Palm Buttons (lockable)		
COMMENTS							
78.	Notes						
79.							
80.							
81.							
82.							
83.							
84.							
85.							
86.							
87.							
88.							
89.							
90.							
91.							
92.							
93.							
94.							