

## Specification for 1" Control Valve

010-020 300-021	1	Type	Globe Type, Reverse Acting (Air to open)
	2	Line Size	1"(25NB)
	3	Flow Range	0-8 m3/hr
	4	Purpose	Flow Regulating
	5	Valve Characteristics	Equal percentage
	6	Application	Con. Sulphuric Acid
	7	Line Pressure (inlet)	4.5 Kg/cm2
	8	Line Pressure (outlet)	Open Discharge
	9	Input Signal	4 to 20 mA
	10	Fail Safe	Valve Close
	11	Air Supply	3 to 4 kg/cm2
	12	Material	
	13	Valve Body	SS 316
	14	Valve Stem	SS 316
	15	Actuator Stem	SS 316
	16	Seat	Inconel
	17	Valve Plug	Inconel
	18	Gland Packing	PTFE
	19	Accessories	Electro-pneumatic positioner with guage group, Air filter regulator
	20	End connection	Flanged as per ANSI 150, Flange Drilling as per ANSI 16.5
	22	Quantity	2
	23	Make	MIL, RK Controls, Forbes Marshall, IL, ARCA, Procon Engineers

## Annexure-2

## Specification for 1/2" Control Valve

010-024- 301-992	1	Type	Globe Type, Reverse Acting (Air to open)
	2	Line Size	1/2"(15NB)
	3	Flow Range	0-5 m3/hr
	4	Purpose	Flow Regulating
	5	Valve Characteristics	Equal percentage
	6	Application	Con. Sulphuric Acid
	7	Line Pressure (inlet)	4.5 Kg/cm2
	8	Line Pressure (outlet)	Open Discharge
	9	Input Signal	4 to 20 mA
	10	Fail Safe	Valve Close
	11	Air Supply	3 to 4 kg/cm2
	12	Material of Construction	
	13	Valve Body	SS 316
	14	Valve Stem	SS 316
	15	Actuator Stem	SS 316
	16	Seat	Inconel
	17	Valve Plug	Inconel
	18	Gland Packing	PTFE
	19	Accessories	Electro-pneumatic positioner with guage group, Air filter regulator
	20	End connection	Flanged as per ANSI 150, Flange Drilling as per ANSI 16.5
	22	Quantity	2
	23	Make	MIL, Forbes Marshall, IL, ARCA, RK Controls, Procon Engineers

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