

Annexure A'

Specification for 3" Control Valve

Material Code	1	Type	:	Diaphragm valve Weir Type (Reverse Acting)
800:024:301:971	2	Fail Safe	:	Valve close
	3	Line size	:	3"(80NB)
	4	Flow range	:	0-35 m3/hr
	5	Valve Characteristics	:	Equal percentage
	6	Application	:	Acidified water
	7	Line Pressure (inlet)	:	6 kg/cm2
	8	Line Pressure (outlet)	:	Open discharge
	9	Input Signal	:	4 to 20 mA
	11	Air Supply	:	3 to 4 kg/cm2
	12	Material of construction	:	
	a.	Valve Body	:	Cast iron ebonite lined BUTYL RUBBER LINED
	C.	Lower Diaphragm	:	Butyl Rubber
	13	Body rating	:	ANSI 150
	14	Flange drilled to	:	B 16.5
	15	Leakage Class	:	Class VI
	16	Acessories	:	Electro-pneumatic positioner with gauge group, Air filter regulator
	17	End connection	:	Flanged as per ANSI 150, Flange Drilling as per ANSI 16.5
	18	Quantity	:	2
	19	Make	:	MIL,, Forbes Marshall, Instrument Limited, R.K. Controls
		Spares		
800:024:301:090	20	Body for above control valve	:	Quantity :02
800:024:301:168	21	Lower Diaphragm //	:	Quantity :04
800:024:301:166	22	Air diaphragm //	:	Quantity:01

Note: L1 will be decided including the cost of spares

As per
24/12/2016

24/12/16