

Globe Control Valve (3") Data Sheet					
S.No.	Item	Description	Details	UOM	Remarks
1	General	TAG No.	TCV-2045 & TCV-2145		
		Line Size	80	NB	
		Area	Non- Hazardous		
		Service	Steam to Autoclave		
		Temperature	200	Deg.C	
2	Process Data	Medium	15 Bar - Steam		
		Inlet Pressure@Flow	1500	kPa	
		Outlet Pressure@Flow	800	kPa	
		Max. Shut off Pressure	1500	kPa	
		Fail Position	Fail to Close		
		Viscosity	0.016	cp	
3	Line Data	Line	SS316L		
		Line Size	150mm, Reduced		
		Pipe OD	168.3	mm	
		Pipe Schedule	40	S	
4	Valve Body Data	Type	Globe, Reduced		
		Body Size	80	mm	
		Guiding	Double Stem Guided		
		No.of Ports	2		
		End Connection	Flange		
		Rating	ANSI 300		
		Body Material	SS316L		
		Packing	PTFE		
5	Trim	Type	Vendor to specify		
		Seat Tightness	Class V / Class VI		
6	Actuator	Type	Pneumatically Spring Return		
		Fail Position	Closed		
		Handwheel	Yes		
7	Positioner	Input	4-20 mA + HART		
		I to P	Inbuilt		
		Regulator & Gauges	Required		
9	Approved Makes	Mascot/Uniflow Controls/RK			

- K. L. S. Gaid 20/7/18