

 LUOYANG PETROCHEMICAL ENGINEERING CORP./SINOPEC		9 CONTROL VALVE INSTRUMENT SPECIFICATION				M Proj.Doc.No.		3 K M Discipline Doc.No.		Rev.		
						LPEC's		413091D1267		50-00/R701		
						Client's						
										186		
						Page		of				
General	Tag Number		Quantity		41-FV-715		1					
	Line No.		Class		41-24"-PL-16004							
	Pipe Size mm		Pipe Mat'l		600		ASTM A106 Gr.B					
Process Condition	Fluid		Phase									
	Flow Rate	Liquid kg/h		MaxFlow		3764						
		Gas Nm ³ /h		NorFlow								
		STM kg/h		MinFlow		1686						
	Inlet Pressure MPa(G)		Outlet Pressure MPa(G)		1.82		1.416/1.313/1.024					
	Max DP for Shut-off MPa(G)				3.24							
	Oper. Temp.		Molecular WT		175							
	Oper.Density				720							
	Oper.Viscosity		Visc Unit		0.25/0.2/0.2							
	CP/CV		Com. Factor									
	Vapor PressMpa(a)		Critical Press.Mpa(a)		0.24/0.08/0.08		3.58					
	Solid Mass Cont		Mass Vap									
	Control Valve	Body Type										
Body Size mm		Trim Size mm		500								
Character		Proc.Conn										
Body/Bonnet Mat'l												
Trim Mat'l		Seat Mat'l		316SS+ST		316SS+ST						
Packing Mat'l		Gasket Material										
Cv		Sizing Cv	Max.	Nor.	Min.							
Cv		Selected Cv										
Valve Opening		Max.	Nor.	Min.								
Actuator Type		Spring Range MPa										
Bonnet Type												
Failure Action to Open/Colse												
Val. Posn. when Sol. Val. De-energized												
DBA		Leakage Class		85dBA								
Transducer/Positioner		Name										
	Input Singal		Output Singal									
	Explosion Proof		Enclosure Protection									
	Air Supply(kPa)		Power Supply		400							
	Pneu.Conn.		Eelec.Conn.									
Accessories	Filter-Regulator W/gauge											
	Solenoid Valve		Power Supply									
	Position Switch		Hand Wheel									
Miscell	Manufacturer											
	Model											
Note:												

