



%S

General		Tag Number	Quantity	D-8	41-PV-708	1	1	(% H S % S&
		Line No.	Class	41-16"-PL-07430		5) ': LG		
		Pipe Size mm	Pipe Mat'l	400	ASTM A106 Gr.B			
Process Condition		Fluid	Phase	<7 7,				
		Flow Rate	Liquid kg/h	MaxFlow	1009760	_ #\		
			Gas Nm ³ /h	NorFlow	934960	_ #\		
			STM kg/h	MinFlow	467480	_ #\		
		Inlet Pressure MPa(G)	Outlet Pressure MPa(G)	0.78/0.8/0.78		0.68/0.63/0.43		
		Max DP for Shut-off MPa(G)		1.89	ADU			
		Oper. Temp.	Molecular WT	175				
		Oper. Density	GhX' 8Ybg] hm_ #Ba'	731.5				
				0.2	aDU' g			
		Vapor PressMpa(a)	0.14		3.1			
Control Valve		G] b] `Y GYh ; `cVY						
				400				
				5CA9 7 Ugg ' SS F: %"				
				5&%; F' K76				
				316SS	316SS			
				DH 9				
		Cv			% - &' S) %&	-, , "+ (*&		
				&SS				
				*, ") +		(+ " *-		
				: "7				
				85dBA	5BC= 7 Ugg J			
		5M] cb						
Transducer/Positioner		Name						
		Input Singal	Output Singal	(-&a5+<5FH				
		Explosion Proof	Enclosure Protection	9 U=7H		=D')		
		Air Supply(kPa)	Power Supply	400				
		Pneu.Conn.	Eelec.Conn.	%#(" BDFL		%#&' BDFL		
Accessories		Filter-Regulator W/gauge						
		Solenoid Valve	Power Supply					
		Position Switch	Hand Wheel					
		9 d' cgl cb DfccZ						
		Manufacturer						
		Model						

Note: 6U UbWX# bVU UbWX 6U UbWX
 GhYa ALhyf] U . % 7F
 HY 7cbhf c` JU j Y dUW] b] [`UbXg g\U` WY cZ hY Vc` hYX hndY"

**CONTROL VALVE
INSTRUMENT SPECIFICATION**

	Proj.Doc.No.	Discipline Doc.No.	Rev.
LPEC's	413091D1267	50-00/R701	
Client's			

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LUOYANG PETROCHEMICAL
ENGINEERING CORP./SINOPEC

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1. Accuracy of the flow control loop = 1.0% maximum - linear characteristic required.
2. Maximum time to open and close the valve from 0% to 100% =15 seconds.
3. Intelligent valve controller with embedded lifecycle diagnostics include static and dynamic deviation trend, actuators load trends, valve diamond, real predictive maintenance based lifecycle diagnostic shall be foreseen.
4. Field Device Management software (FDT/DTM technology base) with condition monitoring shall be foreseen
5. Valve datasheet and characteristic curve (cv/opening) to be submitted to AXENS for approval.