General	Tag Number	Quantity	41-PV-708	1	1
	Line No.	Class	41-16"-PL-07430		
	Pipe Size mm	Pipe Mat'l	400		ASTM A106 Gr.B
Process Condition	Fluid	Phase			
	Flow Rate Liquid kg/h	MaxFlow	1009760		
	Flow Rate Gas Nm^3/h	NorFlow	934960		
	Flow Rate 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		
	Oper. Temp.	Molecular WT	175		
	Oper.Density		731.5		
			0.2		
	Vapor PressMpa(a)		0.14		3.1
Control Valve			400		
			316SS		316SS
	Cv				
			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			
	Manufacturer				
	Model				

Note:

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.