

XIANGLU PETROCHEMICALS ~ ZHANGZHOU ~ CO.,LTD.				(PROCUREMENT SPEC.) ON-OFF TYPE BALL VALVE				XLP2 PTA PROJECT			
								SHEET NO. 210 OF 281			
								REQ. NO.:			
Individual Specification				Requirement		Yes	No	Requirement		Yes	No
1	Item No.	Tag No.		410	XV-2114-1				411	XV-2115-1	
2	P&ID No.			EFD-211				EFD-211			
3	Line No.			CT1-12B-TBF-2131A-H250-T				NH-6B-GBF-9668A			
4	Body type			TRUNNION BALL				TRUNNION BALL			
5	Bonnet Type	Leakage Indicator		STANDARD	---				STANDARD	---	
6	Heating Jacket/Connection			---				---			
7	Body Size	Port size		12"	FULL				6"	FULL	
8	Body Material			Ti				317L			
9	End Connection (ANSI)			300# RF-SF				300# RF-SF			
10	Packing or Seal(Non-Asbestos)			TEFLON				TEFLON			
11	Lubricator	Isolated valve		*	*				*	*	
12	Trim material			Ti				317L S.S.+STELLITE			
13	Ball material	Shaft Material		Ti	Ti				317L S.S.	329JL	
14	Guiding Type			TOP				TOP			
15	Valve Characteristic			QUICK OPENING				QUICK OPENING			
16	Leakage Class(ANSI)	Rangeability		CLASS IV	---				CLASS IV	---	
17	Special Treatment			---				---			
18	Max. Allowable Sound Level			85dBA				85dBA			
19	Positioner(In/Out)			---				---			
20	Actuator Type			CYLINDER				CYLINDER			
21	Travel Trim			---				---			
22	Air Failure Status			CLOSE				CLOSE			
23	Air Set With Gauge			YES / 1/4"NPT				YES / 1/4"NPT			
24	Handwheel			---				---			
25	Solenoid Valve & Piping			YES				YES			
26	Limit Switch			YES				YES			
27	Electrical Conduit Connection			1/2" NPT				1/2" NPT			
28	Enclosure Class(For Positioner)			IP65				IP65			
29	Explosion Protection(For Positioner)			ZONE 2,IIA				ZONE 2,IIA			
30	Function Block/Device Revision			---				---			
31	Link Active Scheduler Capability			---				---			
Service Condition											
32	Fluid	Phase		CT1	SLURRY				NH	GAS	
33	Flow Unit			kg/h				Nm3/Hr			
34	Flow Rate	Max.	Nor.	618,986	577,720				---	---	
35	Temperature ()	Max.	Nor.	270	193					35	
36	Inlet Press. (kg/cm ² G)	Max.	Nor.		15					25	
37	Max. Shut-off Dp (kg/cm ²)			18				30			
38	Diff. Press(kg/cm ²)	Viscosity @ Op.(cp)			0.37					0.02	
39	Sp.Gr. @ OP.	Mol.Wt.		0.99						28	
40	S.H.() or Cp/Cv	Pipe Size/Sche.No.			12"/10.0mm					6"/S-10S	
41	Vapor Pressure	Critical Pressure									
42	Caculated Cv	Selected Cv									
43	MFR. & Model No.										
Note Ö 1.* ÖSpecified or confirmed By MFR.				Explanation If "No"				Explanation If "No"			
				Evaluation				Evaluation			
				0		20100728		hyang		H.T.SUN	
				Revision		Date		By		Check	
										H.J.SU	
										Approve	