

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 <sup>2</sup> G)	Max.	Nor.		15					25			
37	Max. Shut-off Dp (kg/cm <sup>2</sup> )			18				30					
38	Diff. Press(kg/cm <sup>2</sup> )	Viscosity @ Op.(cp)						0.37					
39	Sp.Gr. @ OP.	Mol.Wt.		0.99									
40	S.H.( ) or Cp/Cv	Pipe Size/Sche.No.						12"/10.0mm		6"/S-10S			
41	Vapor Pressure	Critical Pressure											
42	Calculated Cv	Selected Cv											
43	MFR. & Model No.												
<b>Note</b> 1.* Specified or confirmed By MFR.				Explanation If "No"				Explanation If "No"					
				Evaluation				Evaluation					
				0	20100728	hyang			H.T.SUN	H.J.SU			
				Revision	Date	By			Check	Approve			