

辽宁省石油化工规划设计院有限公司 LIAONING PETROLEUM-CHEMICAL INDUSTRY PLANNING & DESIGNING INSTITUTE Co. Ltd			SPECIFICATION OF ON / OFF CONTROL VALVES 开关控制阀			PROJECT : XLP2 PTA PROJECT SECTION : 88 SHEET NO. : A14 DWG. NO. : UD100-E-XV-8803X-01		
GENERAL						YES	NO	ENDOR'S COMMENTS
1	TAG NUMBER	WITH S.S. TAG NAMEPLATE	*	SEE BELOW	WITH			
2	QUANTITY		*	7				
3	P&ID NO.		*	SEE BELOW				
4	LINE NO. / VESSEL NO.		*	SEE BELOW				
5	LINE SIZE	SCHED. NO.	*	6"	* 40S			
6	XLP2'S PAINTING STD OR MAKER'S PAINTING STD			XLP2'S STD				
BODY : DESIGN / TEST CODE / FACE TO FACE				ANSI B16.34 / B16.104 / B16.10				
7	TYPE OF BODY			BUTTERFLY				
8	BODY SIZE	PORT SIZE		6"	FULL			
9	GUIDING	NO. OF PORT		MFR. STD	DOUBLE			
10	END CONN. & RATING			6" ANSI 150LB R ANSI B16.104				
11	MATERIAL	PACKING		WCB+PTFE LININGPTFE				
12	LUBRICATOR	ISO. VALVE		☐ W / ☒ W / O ☐ W / ☒ W / O				
13	BONNET TYPE	TRIM FORM		MFR. STD	ON / OFF			
14	TRIM MATL. SEAT	BALL / DISC		PTFE	WCB+PTFE LINING			
15	BOLTS & NUTS MATERIAL	LEAKAGE CLASS		WCB	CLASS V			
16	MAX. ALLOW SOUND LEVEL dBA			85 dBA				
ACTUATOR & PILOT								
17	TYPE OF ACTUATOR	REGULATOR		CYLINDER (DOUBLE ACTING)	WITH			
18	CLOSE (I.A.SUPPLY)	OPEN (Kg/cm ² G)		4	4			
19	FLOW ACTION TO TRIM							
20	FAIL POSITION	STROKE TIME	*		* SLOWLY			
21	HANDWHEEL	LOCATION	*	☐ W / ☒ W / O				
SOLENOID								
22	FILT REG. / GAUGES (304SS)	BODY MATERIAL		☐ W / ☒ W / O				
23	POWER SUPPLY	STYLE OF COIL						
24	SINGLE OR DOUBLE COIL	AIR TUBE & FITTING MAT'L						
25	EX-PROOF CLASS	ENCLOSURE CLASS		N/A				
26	CONDUIT CONN.	PNE TUBING CONN.						
27	LIMIT SWITCH TYPE(W/JB) x 2PCS/CASE MAT'L			☐ W / ☒ W / O				
OPERATING CONDITION								
28	FLUID & STATE	FLOW UNITS	*	WW+ HCl + CAS	* M3/HR			
29	QUANT. OPER	QUANT. MAX.	*	100	* 160			
30	NOR. INLET PRESS.	DIFF.PRESS. (Kg/cm ²)	*	5.5	* 5.5			
31	DES. INLET PRESS.	(Kg/cm ² G)	*	8				
32	MAX. SHUT OFF PRESS.	(Kg/cm ²)	*	8				
33	TEMP. OPERATING	DES. (℃)	*	75	* 80			
34	OPER. DENSITY(Kg/m ³)	MOL. WT.	*	1,000	* 18			
35	OPER. VISC. (cp)	% FLASH	*	1	* -			
36	% SUPERHEAT	% SOLIDS.	*	-	* -			
37	MAKER :		MODEL :					
NOTES : 1. RFSF=RAISED FACE FLANGE WITH SMOOTH SEALING SURFACE FINISH (≤125AARH)							VENDOR :	
							SALE AGENCY :	
IT	TAG NO.	PRESS. (Kg/cm ² G)		TEMP. (℃)		P & ID	SIZE	LINE NO. / VESSEL NO.
EM		NOR.	DES.	NOR.	DES.			
1	XV-8803A-01	5.5	8	75	80	3S1074-01G-210	6B	WW-6B-EAA-880130
2	XV-8803B-01	5.5	8	75	80	3S1074-01G-210	6B	WW-6B-EAA-880131
3	XV-8803C-01	5.5	8	75	80	3S1074-01G-210	6B	WW-6B-EAA-880132
4	XV-8803D-01	5.5	8	75	80	3S1074-01G-210	6B	WW-6B-EAA-880133
5	XV-8803E-01	5.5	8	75	80	3S1074-01G-210	6B	WW-6B-EAA-880134
6	XV-8803F-01	5.5	8	75	80	3S1074-01G-210	6B	WW-6B-EAA-880135
7	XV-8803G-01	5.5	8	75	80	3S1074-01G-210	6B	WW-6B-EAA-880136
REVISE Approval 0		2013, July 25		APP'D · Peter		CHK'D · Peter		BY · Peter