

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. : A6 DWG. NO. : UD100-E-XV-8802X-17		
GENERAL						YES	NO	VENDOR'S COMMENTS
1	TAG NUMBER	WITH S.S. TAG NAMEPLATE	*	SEE BELOW	WITH			
2	QUANTITY		*	5				
3	P&ID NO.		*	SEE BELOW				
4	LINE NO. / VESSEL NO.		*	SEE BELOW				
5	LINE SIZE	SCHED. NO.	*	3"	* 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		3"	FULL			
9	GUIDING	NO. OF PORT		MFR. STD	DOUBLE			
10	END CONN. & RATING		3" ANSI 150LB RFS ANSI B16.104					
11	MATERIAL	PACKING		SCS13	PTFE			
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			
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 (DOULE 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	*	PA	* M3/HR			
29	QUANT. OPER	QUANT. MAX.	*	450	* 550			
30	NOR. INLET PRESS.	DIFF.PRESS. (Kg/cm ²)	*	2.5	* 4			
31	DES. INLET PRESS.	(Kg/cm ² G)	*	10				
32	MAX. SHUT OFF PRESS.	(Kg/cm ²)	*	10				
33	TEMP. OPERATING	DES. (°C)	*	AMB	* 50			
34	OPER. DENSITY(Kg/m ³)	MOL. WT.	*	1	* 28.8			
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. (°C)		P & ID	SIZE	LINE NO. / VESSEL NO.
EM		NOR.	DES.	NOR.	DES.			
1	XV-8802A-17	2.5	10	AMB	50	13S1074-01G-2102A	3B	PA-3B-EAA-884010A
2	XV-8802B-17	2.5	10	AMB	50	13S1074-01G-2102A	3B	PA-3B-EAA-884010B
3	XV-8802C-17	2.5	10	AMB	50	13S1074-01G-2102A	3B	PA-3B-EAA-884010C
4	XV-8802D-17	2.5	10	AMB	50	13S1074-01G-2102B	3B	PA-3B-EAA-884010D
5	XV-8802E-17	2.5	10	AMB	50	13S1074-01G-2102B	3B	PA-3B-EAA-884010E
7								
REVISE Approval 0		2013, July 25		APP'D : Peter		CH'KD. : Peter		BY : Peter