

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. : A19 DWG. NO. : UD100-E-XV-8803X-06		
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.		*	8"	*	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			8"		FULL		
9 GUIDING	NO. OF PORT			MFR. STD		DOUBLE		
10 END CONN. & RATING			8" ANSI 150LB RFSF			ANSI B16.104		
11 MATERIAL	PACKING		WCB+PTFE LINING			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+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 (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		* WW+ HCl + CAS	* M3/HR				
29 QUANT. OPER	QUANT. MAX.		* 208	* 400				
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. (°C)		* 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 :	
E	TAG NO.	PRESS. (Kg/cm ² G)		TEMP. (°C)		P & ID	SIZE	LINE NO. / VESSEL NO.
M		NOR.	DES.	NOR.	DES.			
1	XV-8803A-06	5.5	8	75	80	13S1074-01G-2103	8B	WW-8B-EAA-880118
2	XV-8803B-06	5.5	8	75	80	13S1074-01G-2104	8B	WW-8B-EAA-880119
3	XV-8803C-06	5.5	8	75	80	13S1074-01G-2105	8B	WW-8B-EAA-880120
4	XV-8803D-06	5.5	8	75	80	13S1074-01G-2106	8B	WW-8B-EAA-880121
5	XV-8803E-06	5.5	8	75	80	13S1074-01G-2107	8B	WW-8B-EAA-880122
6	XV-8803F-06	5.5	8	75	80	13S1074-01G-2108	8B	WW-8B-EAA-880123
7	XV-8803G-06	5.5	8	75	80	13S1074-01G-2109	8B	WW-8B-EAA-880124
REVISE Approval 0		2013, July 25		APP'D : Peter		CH'KD. : Peter		BY : Peter