

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. : A15 DWG. NO. : UD100-E-XV-8803X-02		
GENERAL						YES	NO	NDOR'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.	* 2"	* 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	2"	FULL				
9	GUIDING	NO. OF PORT	MFR. STD	DOUBLE				
10	END CONN. & RATING		2" ANSI 150LB RFSF 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(WJB) 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.	* 300	* 500				
30	NOR. INLET PRESS.	DIFF.PRESS. (Kg/cm ²)	* 2.5	* 2.5				
31	DES. INLET PRESS.	(Kg/cm ² G)	* 8					
32	MAX. SHUT OFF PRESS.	(Kg/cm ²)	* 8					
33	TEMP. OPERATING	DES. (°C)	* AMB	* 80				
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-8803A-02	2.5	8	AMB	80	13S1074-01G-2103	1.5B	PA-1.5B-EAA-880001
2	XV-8803B-02	2.5	8	AMB	80	13S1074-01G-2104	1.5B	PA-1.5B-EAA-880002
3	XV-8803C-02	2.5	8	AMB	80	13S1074-01G-2105	1.5B	PA-1.5B-EAA-880003
4	XV-8803D-02	2.5	8	AMB	80	13S1074-01G-2106	1.5B	PA-1.5B-EAA-880004
5	XV-8803E-02	2.5	8	AMB	80	13S1074-01G-2107	1.5B	PA-1.5B-EAA-880005
6	XV-8803F-02	2.5	8	AMB	80	13S1074-01G-2108	1.5B	PA-1.5B-EAA-880006
7	XV-8803G-02	2.5	8	AMB	80	13S1074-01G-2109	1.5B	PA-1.5B-EAA-880007
REVISE Approval 0		2013, July 25		APP'D : Peter		CH'KD. : Peter		BY : Peter