DATA SHEET FOR PRESSURE SAFETY (RELIEF) VALVE

Data sheet:		0102-DS-1796	
SHEET:	1	OF	1
REV.	1	DATE	07-11-13
Prep. By:	IBB	Chkd. :	ATF

Client: OGDCL
Project: Gas Plant Facility
Unit: Condensate Handling System (1001)
P&ID: 0102-PB-2136

	GENERAL		From Condensate Storage Tank			
1	SEAT-TYPE					
2	DESIGN TYPE		CONVENTIONAL			
3	BONNET		CLOSED			
4	TAG. NO.		1001-TRV-01			
5	LINE OR EQUIPMENT NO.		3"-PL-AA2-1304			
6	BODY					
7	MATERIAL					
8	SIZE: INLET	OUTLET	3/4"	1"		
9	FLANGE RATING-ASA					
10	TYPE FACING					
11	ORIFICE DESIGNATION		D			
12	TRIM MATERIAL					
13	SEAT & DISK		316 S.S			
14	GUIDE & RING/(S)		High Corrosion Resistance S.S			
15	SPRING		316 S.S			
16						
17	ACCESSORIES					
18	CAP & LEVER		SCREWED CAP			
19	LEVER	PACKED/PLAIN				
20	GAGE					
21	OTHER					
22						
23	BASIS OF SELECTION					
24	CODE		API-520			
25	FIRE		No			
26	OTHER		THERMAL			
27						
28	SERVICE CONDITION					
29	SERVICE		Liquid			
30	REQUIRED CAPACITY & UNITS (lb/hr)		N/A			
31	MOL. WT. (Gas)	SP. Gr (Liq)	N/A	0.8		
32	VISCOSITY @ F. T. cP	Gas / Liq	N/A	1.418		
33	PRESS: psig					
34	NORM.	SET	45	260		
35	TEMPERATURE (°F)					
36	NORM.	RELIEVING	110	218		
37	CP/Cv		N/A			
38	Z (COMPRESSIBILTY FACTOR)		N/A			
39	CONSTANT BACK PRESSURE: psig		ATM			
40	DEVELOPED BACK PRESSURE: psig		0			
41	SPRING SET PRESSURE: psig		VTA			
42	OVER PRESSURE - %		10%			
43	LATENT HEAT (BTUI/lb)		N/A			
44	VAPOR FRACTION	(WT%)	0.00			
45	ORIFICE AREA					
46	CALCULATED	sq. ins.	-			
47	SELECTED	sq. ins.	0.110			
48	MANUFACTURE'S MODEL NO.					
49	**NOTES:**					
50	1- Vendor to confirm orifice size & Metallurgy.					