




No. 22- Afarand St.-Sattarkhan St.-  
 Tehran-I.R. Iran, Postal Code: 1441653161  
 Tel. & Fax: +98 21 66925763-66946386  
 Email: info@irrup.com  
 Website: www.irrup.com

**APZ-SHARIF INC.**

Customer:	<b>RUPTURE DISC APPLICATION DATA SHEET</b>	Manufacturer:	 <b>IRRUP Safety System</b>
Phone:		<b>APZ-Sharif</b>	
1	<b>DESIGN CONDITIONS</b>		
2	Design Pressure		
3	Design Temperature		
4	Normal Operating Pressure		
5	Normal Operating Temperature		
6	<b>PROCESS SIDE SERVICE CONDITIONS (UPSTREAM OF DISC)</b>		
7	Fluid *		
8	Fluid state (Gas/Liquid/Vapor/Dual phase) *		
9	Molecular Weight or Specific Gravity		
10	Viscosity at Relieving Temperature		
11	Compressibility Factor (Z)		
12	Required Relieving Capacity		
13	Ratio of Specific Heat (Cp/Cv)		
14	Pressure Fluctuations (static,cyclic,pulsating)		
15	Vacuum Conditions Y/N		
16	Back pressure		
17	<b>RUPTURE DISC</b>		
18	Tag number		
19	Nominal Disc Size *		
20	Disc Type*		
21	Disc Materials*		
22	Quantity*		
23	Burst Pressure*		
24	Burst Tolerance*		
25	Burst Temperature (coincident burst temp) *		
26	Vacuum Support Y/N*		
27	Max Flow Resistance $K_R$		
28	Non-fragmenting Design Y/N		
29	Design Standard Code		
30	<b>CONNECTIONS</b>		
31	Nominal Pipe Size*		
32	Flange Standard & Class*		
33	Flange Face (inlet/outlet)		
34	<b>RUPTURE DISC HOLDER</b>		
35	Holder Tag No.		
36	Nominal Holder Size		
37	Material		
38	Design Type		
39	Quantity*		
40	<b>OPTIONS &amp; ACCESORIES</b>		
41	Studs & Nuts (Y/N) + Quantity		
42	Jackscrews (Y/N) + Quantity		
43	Gasket (Y/N) + Quantity		
44	Process Side Liner		
45	Excess flow valve (Y/N) + Quantity		
46	Burst Indicator/Sensor (Y/N)+Quantity+Type		



**IRRUP SAFETY SYSTEMS**