



ZIRCO LTD.

EMERGENCY PRESSURE RELIEF VALVE

Client:					REVISIONS		Sheet #
		NO	BY	DATE	DESCRIPTION	Spec. #	
Project:					QUOTATION	Contract	
						RFQ #	
Plant						Approved by:	
Location						Checked by:	

GENERAL	1	Valve Tag Number		
	2	Tank/Vessel Number		
	3	Ambient Temperature	Min.	Max.
	4	Sweet or Sour Service (note 1)		
PROCESS INFORMATION	5	Process Fluids		
	6	Tank Capacity		
	7	Tank Dimensions (note 10)	Diameter:	Height:
	8	Maximum Tank Design Pressure		
	9	Calculated Outbreathing Rate (note 10)		
	10	Operating Temperature (max/nor)	Maximum:	Normal:
	11	Operating Pressure (max/nor)	Maximum:	Normal:
	12	Pressure Setting (note 2)		
	13			
VALVE DESIGN	14	Base and Arm Material: CS, 304 SS, 316 SS (note 3)		
	15	Disk Cover Marterial: Aluminum, 304 SS,316 SS (note 4)		
	16	Seal Material: FEP Teflon, Buna-N, Viton (note 5)		
	17	Bolt Pattern API, ANSI		
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- 1) If sour service include percentage of H₂S.
- 2) Pressure setting 2 to 32 oz in 0.5 oz increments or 3.5" WC to 55" WC in 1" increments.
- 3) Other materials upon request.
- 4) Other materials upon request.
- 5) Other materials upon request
- 6) Please include a list of venting or vapour recovery equipment on tank.
- 7) Include PID for tank(s).
- 8) If there are multiple tanks complete one data sheet for each tank.
- 9) Fill out all line items.
- 10) All flow rates will be calculated as per the current API 2000 standard using Hexane as the default product.