ZIRCO	ZIRCO LTD.	PRESSURE/VACUUM RELIEF VALVE

Client:		REVISIONS				Sheet #
		NO	BY	DATE	DESCRIPTION	Spec. #
					QUOTATION	Contract
Project:						RFQ #
						PO #
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)			
	5	Pipe Away/ Vent to Atmosphere			
PROCESS INFORMATION	6	Process Fluids			
	7	Tank Capacity			
	8	Tank Dimensions	Diameter:	Height:	
	9	Maximum Tank Design Pressure			
	10	Maximum Tank Design Vacuum			
	11	Fluid Flash Point (above 100 F/ below 100 F)			
	12	S.G. / Mol Weight	S.G.	Mol.	
	13	Maximum Pump-in Rate (note 9)			
	14	Maximum Pump-out Rate (note 9)			
	15	Calculated Outbreathing Rate (note 9)			
	16	Calculated Inbreathing rate (note 9)			
	17	Blanket Valve Max Flow/Normal Rate	Maximum:	Normal:	
	18	Operating Temperature (max/nor)	Maximum:	Normal:	
	19	Operating Pressure (max/nor)	Maximum:	Normal:	
	20	Pressure Setting (note 2)			
	21	Vacuum Setting (note 2)			
	22	Back Pressure	Constant:	Variable:	Total:
VALVE DESIGN	23	Type of Valve (note 3)			
	24	Installation (top/side mounted)			
	25	Body Material: Al, 316 SS, Ductile Iron			
	26	Pallet/Seat Material: PPS, 316 SS			
	27	Weight Material: Zinc Plated CS, 316 SS			
	28	Pallet Seal Material: FEP Teflon, Buna-N, Viton			
	29	O-ring/Body Gasket Material: FEP Teflon, Buna-N			
	30	Inlet Connection Size			
	31	Outlet Connection Size			
OPTIONS	32	Special Painting/Coating			
	33	Special Gasketing			
	34	Flame Arrestor			
	35				
	36				

1) If sour service include percentage of H_2S.

2) Pressure/vacuum settings can be in inches of water column (in 0.5" increments) oz. Per in^2 (0.5 oz increments) or psi.

3) Valve types are Pressure/Vacuum, Pressure only, Vacuum only.

4) Please include a list of venting or vapour recovery equipment on tank.

5) Include PID for tank(s).

6) If there are multiple tanks complete one data sheet for each tank.

7) Fill out all line items

8) Calculated flow rates are to include the thermal requirements and the max pump-in/pump-out rates.

9) All flow rates will be calculated as per the current API 2000 standard using Hexane as the default product.