

Buflovak LLC Evaporator Application

Submitted for: Budget Quote Firm Quote Testing Rental

Date _____ 200__

Company _____

Contact _____

Title _____

Address _____

City _____ St _____ Zip _____

Country _____

Phone _____

Fax _____

Email _____

Where did you learn about **Buflovak**?

APPLICATION

- Evaporation Concentration Desolventizing
 Dehydration/Drying Stripping Solvent Stripping
 Monomer Stripping Deodorizing

MATERIAL TO BE CONCENTRATED

Description of Liquid(s): _____

- Feed Characteristics: Foaming Fouling Scaling
 Corrosive Toxic Explosive Crystalline
 Solids in Suspension Corrosive pH _____
 Flash Point _____ °F

Maximum Allowable Product Temp _____ °F

Maximum Allowable Exposure Time _____

PRESENT METHOD

or know conditions that yield an acceptable product

Equipment _____

System Pressure _____ psig

Bottoms Temp _____ °F

Temp in evaporator _____ °F

Heating Medium _____

Other _____

System Operation will be: Continuous or

Intermittent: _____ hours ON, _____

PROCESS DATA	FEED	BOTTOM	OVERHEADS
Flow Rate			
% Total Solids (TS)			
Analysis (% wt./mole)			
1			
2			
3			
4			
Temperature			
Density			as liquid
Viscosity			as liquid
Specific Heat			as liquid
Thermal Conductivity			as liquid
Heat of Vaporization			as liquid

MULTICOMPONENT FEED

component	% feed	enthalpy (BTU's/lbs.)	Specific Heat of liquid or solids (specify)	Boiling Point (°F) at	
				100 mm Hg	10 mm Hg
1					
2					
3					
4					

MECHANICAL INFORMATION

Materials of Construction: Wetted _____

Vapor Contact _____

Finish: (i.e., sanitary, etc) _____

Space Available: _____ Length _____ Width _____ Height _____

Instrumentation Scope _____

Structure (i.e., modular, etc) _____

UTILITIES AVAILABLE

Steam _____ psig _____ lbs./hr _____ cost

Cooling Water _____ gpm _____ min temp _____ max temp

Electrical: _____ Voltage, _____ Phase, _____ Hz

Enclosures: NEMA- _____

Motor Classification: Class _____, Div. _____, Grp _____

PROJECT SCHEDULE

Start-Up Scheduled for 1st 2nd 3rd 4th qtr 200__

Project is Funded: Yes No

Installation Location (state or country): _____

Sales Representative: _____