KOCH-GLITSCH Reset Form

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Liquid-Liquid Extraction Specification Sheet (Metric Units)

Contact Information

Name _____
Title _____
Company _____
Address _____
City, State, Zip _____
Country _____
Email _____
Phone _____
Your Reference No. _____

New or Existing Tower?[1] ☐ New ☐ Existing
Unit _____

End User Contact Information

End User Company _____
Address _____
City, State, Zip _____
Country _____

Inquiry Date _____
Date Quotation Required _____
Date Equipment Required _____

☐ Firm Price ☐ Budget Price

Column No. _____
Column Name _____
Existing Column I.D.[1] (mm) _____
Manhole / Column Access I.D. (mm) _____

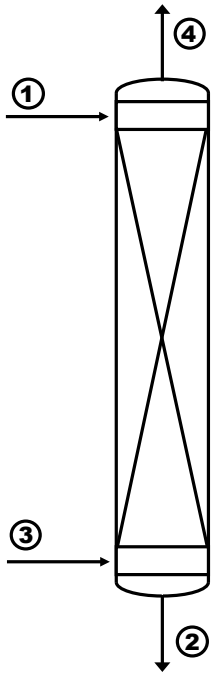
Welding Permitted? ☐ Weld To Tower Shell ☐ Weld To Tower Attachments ☐ No Welding Permitted

Stream Properties

Stream #	1	2	3	4
Fluid Name				
Throughput (m^3/h)				
Viscosity (cP)				
Density (kg/m^3)				
Pressure (bar abs)				
Temperature (°C)				

	Top	Bottom
Interfacial Surface Tension (dyne/cm)		
Dispersed Phase	☐ Light	☐ Heavy
Solute to be removed		

	1	2	3	4
Solute concentration (mass %) in stream				



Nozzles

Nozzle Size (mm)				

Other Process Conditions (if Known)

Do you have experience with this application? ☐ Yes ☐ No
If yes, please attach any pertinent information or provide details in the Comments section.

Is a particular type of extractor preferred? ☐ Tray ☐ Packed ☐ Other (Agitated, KARR™ column, etc.)[2]
Fouling Tendency ☐ High ☐ Low ☐ None
Are there any suspended solids present in feeds? ☐ Yes ☐ No
If yes, concentration (mass%) _____ Approximate size (micron) _____

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Mechanical Data

Are there any space limitations? ☐ Yes ☐ No

Diameter limit (mm) _____

Height (mm) _____

Corrosion allowance for internals (mm) _____

Design Temperature (°C) _____

Vessel Body Flanges? ☐ Yes ☐ No

What are the allowable/preferred materials of construction?

Internals/Trays _____ Packing _____

Special uplift requirements:

☐ Internals Only

☐ Complete extraction column (shell and internals)[2]

☐ Modular extraction system including column installed in a structural frame with all of the required tanks, heat exchangers, pumps, piping and instrumentation.[2]

[1] If vessel is existing, please provide vessel elevation, orientation drawing, and drawings of existing tower attachments (or Koch-Glitsch drawing number if applicable).

[2] For a scope of supply beyond internals, we will refer the inquiry to Koch Modular Process Systems.

Please provide any additional information that will help with your design and describe any documents you will send. Include relevant drawings of existing equipment so that we may design a compatible solution. Use more than one sheet if necessary.

Comments/Sketch