

QUESTIONARY

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Carl-Zeiss-Str. 11, D-79331 Teningen



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RECTIFICATION

Company:	Date:
Contact person:	Phone:
Project:	Fax:
	Email:

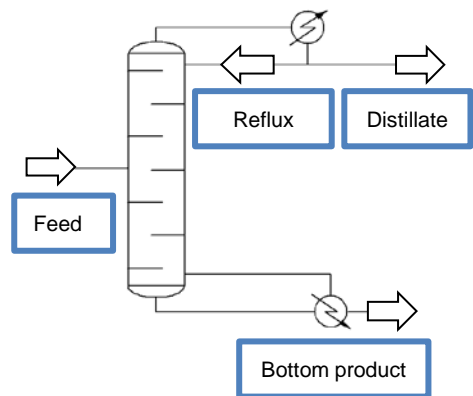
Process description:

1 Process Data *1)

Composition [mass %]	Feed	Distillate	Bottom product
Solids in solution			
Solids suspended			
Capacity nom. (100%) [kg/h]			
min/max [%] =			
Temperature [°C]			
Pressure [mbar (a)]			
Density [kg/m ³]			
Dyn. viscosity [mPa s]			
Heat conductivity [W/mK]			
Specific heat [kJ/kgK]			
Evaporation heat [kJ/kg]			
Molecular weight			

Tendency for foaming of the bottom product? yes no

Heating medium:	
Temp. in/out [°C]	
Pressure in/out [bar (g)]	
Aggregate state	<input type="checkbox"/> liquid <input type="checkbox"/> vaporous
Coolant:	
Temp. in/out [°C]	
Pressure in/out [bar (g)]	



*1): In case you have got a detailed analysis, please attach them to your email.

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RECTIFICATION**2 Apparatus data**

Column type	<input type="checkbox"/> Tray-column	<input type="checkbox"/> Packing-column			
	<input type="checkbox"/> Structured packing-column				
Installation site	<input type="checkbox"/> indoor	<input type="checkbox"/> outdoor	<input type="checkbox"/> in structure		
	<input type="checkbox"/> self-supporting	available floor space (l x w x h) [m]:			
Dimensions/	column-\emptyset	.....		
Specifications	number of agitated chambers	.....		
	reflux-rate	.....		
Design data	design pressure	..... bar (g)		
	design temperature	..... °C		
Materials	jacket	internals	.....	
	gaskets	bolts and nuts	.....	
Design code	<input type="checkbox"/> AD-Merkblätter	<input type="checkbox"/> ASME	<input type="checkbox"/> other:		
Operating mode	<input type="checkbox"/> batch	<input type="checkbox"/> continuously	operating time [h/d]		
Electric data	..... -phase	..... V	..... Hz <input type="checkbox"/> neutral
Design according to	<input type="checkbox"/> GMP	<input type="checkbox"/> CIP	<input type="checkbox"/> SIP	<input type="checkbox"/> FM	other
	<input type="checkbox"/> ATEX:	safety-zone:	temp.-class:		

3 Scope of Quotation

- | | | |
|---|--|---|
| <input type="checkbox"/> column + internals | <input type="checkbox"/> erection | <input type="checkbox"/> piping |
| <input type="checkbox"/> supporting structure | <input type="checkbox"/> fittings | <input type="checkbox"/> basic / detail engineering |
| <input type="checkbox"/> pumps | <input type="checkbox"/> installation only | |
| <input type="checkbox"/> turn-key installation | <input type="checkbox"/> other: | |
| <input type="checkbox"/> technical assistance for process design / installation / commissioning / | | |

4 Annotations

Space for your annotations, wishes or questions:

Try to answer this questionnaire as precise as possible so that we can provide a suitable offer to you. In case you have any questions or problems, do not hesitate to contact us. We discuss you with pleasure!