D.W. RENZMANN

RENZMANN solvent distillation units

Your data

Company:	
Industry:	
Contact person:	
Street:	
ZIP code, City:	
Phone:	
Fax:	
E-mail:	

1. Solvent

a. Type of solvent to be distilled	
In case of solvent mixtures, please state the percentages of the components and the boiling point / boiling ranges.	

Note that many solvent names (e.g. Solvenol) are brand names that provide no information on the type of solvent and its boiling ranges.

b. Flash point of the solvent:		
c. Foreign matter dissolved in the solvent	Type:	
	Quantity in %:	
d. Quantity to be distilled per month:		

e. Daily operating time: ☐ 8 hours ☐ 16 hours ☐ 24 hours

f. How is the cleaned solvent reused?
e.g. cleaning – dyeing – printing block manufacture – process solvent

2. Available resources for heating

Desired type of heating: ☐ steam ☐ hot water ☐ thermal oil ☐ electric power

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3. Materials used for the distillation unit

Do you have any requests regarding the materials used for the distillation unit

a. Is standard steel (St37) sufficient? ☐ yes ☐ no

b. Would you prefer stainless steel? ☐ yes ☐ no

c. No particular experiences, suggestion requested. ☐

4. Connection of the distillation unit

a. Supply of used solvent:

☐ from fixed tanks
☐ from barrels
☐ from mobile containers
☐ from a cleaning unit
☐ with pumps
☐ by means of a gradient
☐ other

b. Storage of the recovered solvent (distillate)

☐ in fixed tanks
☐ in barrels
☐ in mobile containers
☐ other

c. Would you like to receive a offer and suggestions for suitable solvent containers? ☐ yes ☐ no

5. Other

Test distillations may be performed on request at our plant in Monzingen.

6. Electric system

Voltage:		Volt
Frequency:		Hz
Phases/neutral with current-carrying capacity Protection:		
Protection:		
Place of installation control cabinet:	☐ outside ☐	inside
Distance between cabinet and unit:		m
Ambient temperature:		° C
Special climatic conditions:		

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7. Compressed air

Pressure:		bar
Draining available:	☐ yes	☐ no
Oiled:	☐ yes	☐ no
Available quantity:		Nm^3/h

8. Heating energy sources

Steam:		bar
Thermal oil:		
Feed pressure:		bar
return pressure:		bar
Temperature:		°C

9. Cooling

Cooling water on site:	☐ yes	☐ no
Max. cooling water temperature (run):		°C
Max. pressure:		bar
On site cooling water circuit existing:	☐ yes	☐ no
Cooling water circuit requested:	☐ yes	☐ no

10. Special requirements regarding the control system

Signal exchange with:

Exhaust air disposal system	☐ yes	☐ no
Fire alarm systems	☐ yes	☐ no
CO_2 extinguishing system	☐ yes	☐ no
On-site solvent supply system	☐ yes	☐ no
Existing units	☐ yes	☐ no

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11. Installation of the machine

☐ New building ☐ Existing room ☐ Not yet decided

Building/room drawing or sketches available? (see enclosure) ☐ yes ☐ no

Room dimensions (LxWxH) _____

Are there already units installed in that room? ☐ yes ☐ no

Are lifting devices (cranes), fixing points at ceiling existing? ☐ yes ☐ no

12. Protection of soil and ground water

Is a bunded floor available in the room? ☐ yes ☐ no

What is the volume retained by that bunding? _____ litres

Should separate collecting pans be provided? ☐ yes ☐ no

Collecting pans ☐ existing on site ☐ to be offered