

RENZMANN solvent distillation units

Your data

Company:

Industry:

Contact person:

Street:

ZIP code, City:

Phone:

Fax:

E-mail:

I. 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

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:

- | | |
|---|---|
| <input type="checkbox"/> from fixed tanks | <input type="checkbox"/> with pumps |
| <input type="checkbox"/> from barrels | <input type="checkbox"/> by means of a gradient |
| <input type="checkbox"/> from mobile containers | <input type="checkbox"/> other |
| <input type="checkbox"/> from a cleaning unit | |

b. Storage of the recovered solvent (distillate)

- | | |
|---|---|
| <input type="checkbox"/> in fixed tanks | <input type="checkbox"/> in mobile containers |
| <input type="checkbox"/> in barrels | <input type="checkbox"/> 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:

7. Compressed air

Pressure: bar

Draining available: yes no

Oiled: yes no

Available quantity: Nm³/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

CO₂ extinguishing system yes no

On-site solvent supply system yes no

Existing units yes no

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