



INQUIRY FORM

Application Specifications for Vacuum Conveying Tests and Quotations

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This is an interactive form. Please complete, save and email to:

Email: USA@Volkmann.info

Or, if you prefer: Print, complete and FAX to: 609-265-0110.

1. Customer Information

Quotation Required By: _____

Contact person: _____

Company: _____

eMail: _____

Title: _____

Tel.: _____

Address: _____

Fax: _____

City: _____ State: _____ Zip/PC: _____ Country: _____

2. Conveying task

Conveying: Vertical : _____ ft _____ m Horizontal : _____ ft _____ m Total Distance : _____ ft _____ m

No. of Bends: _____ x 90° Desired transporting capacity: _____ lbs/hr kg/hr

Product pick-up location: _____

(e.g. suction from hoppers, bins, BB Unloader, bag dump stations (rip & tip), bulk bags, dryers, mixers, sieves, etc.)

Product discharging location: _____

(e.g. tablet press, blender, filling machine, IBC, drums, reactor, buffer hopper, container, etc.)

Additional Information: _____

(Please give more precise statements about conditions such as pressure, temperatures, ascending steam, solvents, etc. if applicable.)

2.1. Ex-zones according to 94/9/EG directive (ATEX)

Will the unit be used in EX-area? NO, please continue with 2.2 YES – please specify:

Suction location: Class level _____ Installation location: Class level _____ Discharging location: Class level _____

2.2 Is the material combustible or potentially explosive?

Is the material ignitable? NO YES: Minimum Ignition Energy (MIE) is _____ mJ

3. Material definition of the product to be conveyed

Trade name: _____ **Chemical designation:** _____ **Manufacturer:** _____

Particle size: _____ min. _____ max. (please designate if size is stated in μm inches or mm)

Bulk density: _____ lbs/ft³ g/cc **Density** (basic material): _____ lbs/ft³ g/cc

Particle description: _____ **Particle geometry:** _____

Flowing characteristics (estimation): free flowing sticky bridges **Max. humidity content:** _____ %

Is the material hygroscopic, does it absorb humidity? NO YES

Is the material scouring/wearing? NO YES

Is the material sensitive to mechanical loads? NO YES

PLEASE ENCLOSE SAFETY DATA SHEET IF APPLICABLE

4. Material requirements of the Conveying System

Which of these materials are **NOT** allowed to be used for product contacting parts of the Conveying System?

- Stainless Steel AISI 316 L/1.4435-1.4404
- Nickel-Plated Brass (MSV)
- Nitrile
- Silicone (VMQ)
- Ethylene-Propylene-Dien-Rubber (EPDM)
- Polyethylene (PEHD)
- Polyurethane (PUR)
- Others: _____

Which materials are **NOT** allowed to be used outside the product contacting area?: _____

Do you have special materials that should be used for the product contacting area of the Conveyor? NO YES

Separator container: _____ Gaskets: _____ Others: _____

Are any special certificates necessary for the product contacting parts? NO YES: _____

Operative area of the unit (eventually tendency): Chemical Pharmaceutical Food Others: _____

Continued on next page

5. Information with regard to health risks, industrial safety and environmental protection

- | | | | | | |
|---|--------------------------|---------------------------|---|--------------------------|---------------------------|
| Is the material poisonous/toxic? | <input type="radio"/> NO | <input type="radio"/> YES | Is the material corrosive/caustic? | <input type="radio"/> NO | <input type="radio"/> YES |
| Does skin contact have to be avoided? | <input type="radio"/> NO | <input type="radio"/> YES | Does the material cause allergic reactions? | <input type="radio"/> NO | <input type="radio"/> YES |
| Is the material harmful to the environment? | <input type="radio"/> NO | <input type="radio"/> YES | Is the material hazardous for water? | <input type="radio"/> NO | <input type="radio"/> YES |

6. Additional Comments: _____

Important: If you send any sample material for testing, we need up front the material safety data sheet (MSDS) and, if approved, the material packed in a reusable packaging with return note. All samples, containers etc. will be sent back to the sender after the tests. The freight charges will be invoiced to the customer or sent collect to their freight account.

7. Hand Sketch

If you would like to submit a hand sketch in the space below, please print the form, complete your sketch and mail, FAX, or scan and email.

This inquiry form was completed on _____
By _____