



# INQUIRY FORM

## Application Specifications for Vacuum Conveying Tests and Quotations

VOLKMANN, Inc.  
1900 Frost Road  
Suite 102  
Bristol, PA 19007 USA  
Tel. 609 265 0101

**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/ft<sup>3</sup>  g/cc **Density** (basic material): \_\_\_\_\_  lbs/ft<sup>3</sup>  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 \_\_\_\_\_



# INQUIRY FORM

SUPPLEMENTARY FORM FOR SCREEN STATIONS

**VOLKMANN**

IDEAS AHEAD

Please complete the information available and send it to your contact or E-Mail: [usa@volkmannusa.com](mailto:usa@volkmannusa.com) or fax it to Fax: +1-609-265-0110

## Customer information

Company: \_\_\_\_\_ Contact person: \_\_\_\_\_

E-Mail: \_\_\_\_\_ Phone: \_\_\_\_\_

## Sieving details

Desired capacity: \_\_\_\_\_ lbs/h \_\_\_\_\_ kg/h Mesh size: \_\_\_\_\_  inches   $\mu\text{m}$  Oversize outtake:  Yes  No

Installation place:  stationary  mobile Limitations in overall height or footprint: \_\_\_\_\_

Which voltage is available? (e.g. 110V / 1 Phase / 60 Hz)

\_\_\_\_\_

## Material characteristics (if no information has been provided yet)

Trade name: \_\_\_\_\_ Chem. designation: \_\_\_\_\_ Manufacturer: \_\_\_\_\_

Particle size: min. \_\_\_\_\_ max. \_\_\_\_\_  inches   $\mu\text{m}$

Bulk density: \_\_\_\_\_ lbs/ft<sup>3</sup> \_\_\_\_\_ kg/dm<sup>3</sup> Density (basic materials): \_\_\_\_\_ lbs/ft<sup>3</sup> \_\_\_\_\_ kg/dm<sup>3</sup>

Particle description: \_\_\_\_\_ Particle geometry: \_\_\_\_\_

Flowing characteristics (estimation):  good flowing  sticky  bridging

## Is the material combustible or does it have a potential for a dust explosion?

No  Yes, the Minimum Ignition Energy (MIE) is \_\_\_\_\_ Millijoule (mJ)

## Do you use the screen station in an explosion rated area?

No  Suction location: Class/Level \_\_\_\_\_ Installation location: Class/Level \_\_\_\_\_ Charging into location: Class/Level \_\_\_\_\_

Yes, please specify: \_\_\_\_\_

## Inertisation?

No  Yes Which inert gas do you use?: \_\_\_\_\_

## Additional Comments

\_\_\_\_\_  
\_\_\_\_\_

Important: If you send any sample material for testing, we need up front the health & safety data sheet (MSDS) and -if ok- following the material packed in a reusable packaging with return note. All samples, containers etc. will be sent back to the sender after the trials.

This inquiry form was filled-in on \_\_\_\_\_ by \_\_\_\_\_

