



# Pneumatic Conveying System Application Data Sheet (Pg. 1)

Date Submitted: \_\_\_\_\_ IAC Quote Number: \_\_\_\_\_

RFQ Due Date: \_\_\_\_\_ IAC Sales Rep: \_\_\_\_\_

GM Acct Number: \_\_\_\_\_

## Customer Information:

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Title: \_\_\_\_\_

Contact Office Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Contact E-mail address: \_\_\_\_\_

## Application Parameters:

• Product Being Conveyed: \_\_\_\_\_

• Material Characteristics: Abrasive Acidic Aerates Alkali Biohazard Corrosive  
Free Flowing Food Grade Heat Sensitive Hydroscopic  
Sticky/Smears Stringy Tends to Pack Toxic Explosive Friable  
Other \_\_\_\_\_

• Is Material Explosive?: No Yes Kst = \_\_\_\_\_ Pmax = \_\_\_\_\_

• Product State: Pellet Powder Chip Lump Granular Flake Curl Fibrous

• Is Material Degradation a Concern?: No Yes - Explain: \_\_\_\_\_

• Is Cross Contamination a Concern?: No Yes - Explain: \_\_\_\_\_

• Bulk Density (lbs./cu.ft or kg/cu.m): \_\_\_\_\_ Angle of Repose: \_\_\_\_\_

• Particle Size: Maximum \_\_\_\_\_ Minimum \_\_\_\_\_ Majority \_\_\_\_\_

• Material Temperature: \_\_\_\_\_ °F °C Moisture Content: \_\_\_\_\_ %

• Capacity Required (lbs./hr or kg/hr): \_\_\_\_\_

• Is System Pressure or Vacuum?: \_\_\_\_\_



# Pneumatic Conveying System Application Data Sheet (Pg. 2)

- What Process Feeds the System?: \_\_\_\_\_
- What process does the system discharge into?: \_\_\_\_\_
- Qty of Inlets: \_\_\_\_\_ • Qty of Discharge Points: \_\_\_\_\_
- Is process: Continuous Batching Scaling
- Materials of Construction:  
Product Contact: Aluminum Carbon Steel 304 SS 316 SS Other: \_\_\_\_\_  
Gas Contact: Aluminum Carbon Steel 304 SS 316 SS Other: \_\_\_\_\_
- Convey: Vertical Convey Distance: \_\_\_\_\_ ft. Horizontal Convey Distance: \_\_\_\_\_ ft.  
Qty of Elbows: \_\_\_\_\_ Qty of Diverters: \_\_\_\_\_  
Temperature: \_\_\_\_\_ °F °C Altitude of Site: \_\_\_\_\_ ft. ASL
- Any special requirements? FDA Food Safe Wash Down Application VFD Shear Pin Sprocket  
Rotor Speed Sensor Other: \_\_\_\_\_
- Motor specs required: 3-60-480V 3-60-230V Other: \_\_\_\_\_
- Enclosure Rating: NEMA 4 (weather tight) NEMA 7 (gas tight) NEMA 9 (dust tight)

Please attach a sketch of Convey Line and any applicable pictures.

Comments: