



3Sigma

DATA SHEET - PNEUMATIC CONVEYING SYSTEM

Phone: 704-846-3737 Fax: 704-846-3761

Date: _____

Company: _____

Name: _____

End User: _____

Bid Type: Firm Budget ($\pm 15\%$)

Is project funded/approved? Yes No Expected Order date: _____ Installation Date: _____

Installation location: _____ Customer Goals of New System: _____

CONVEYING SYSTEM TYPE:

Dilute Phase: Batch Continuous Pressure Vacuum Venturi Push/Pull
Dense Phase: Batch Continuous Non-Purge (full line) Vacuum Vendor recommend
Transfer Type: Point-to-Point Transfer Truck Unload Railcar Unload
System Type: Complete System w/controls System, w/out controls Components Only

PRODUCT: _____ Bulk Density: _____ #/ft³ Moisture Content: _____ %

Particle Size Distribution: _____ Flowability: Free Mildly Sluggish Sluggish

Abrasive Corrosive Cohesive Adhesive Hygroscopic Friable Electrostatic
 Explosive-kst value _____ Low Melt Point _____ °F

SYSTEM REQUIREMENTS

Continuous: Capacity (normal) _____ PPH/STPH Design Capacity: _____ PPH/STPH
 Batch Sizes: _____ lbs. Batch Time: _____ sec/min Time between batches: _____ sec/min
 No. of Ingredients: _____ Batch Accuracy Req: \pm _____ lbs. *Please provide Formulas in Excel format*
 Ttl Horizontal Distance: _____ Ttl Vertical Distance: _____ No. of Elbows: _____
 System Feb by: _____
 Discharge to: _____ @ Atmospheric (0 pressure) Other: _____ psi/ wg
 Include piping: Yes No **Tube Gage:** 11 gauge Other _____ **Pipe Schedule:** 10 40 80

CONSTRUCTION

Contact Materials: Carbon Steel 304SS 316SS Al Other: _____
 Finish: Mill (std) No. 4 Other: _____, Reason for special finish: _____

CONTROLS

None, by customer PLC logic Relay logic Mfg preference: _____
 Operator Interface: Pushbuttons Key Pad Graphic/Touch screen
 Enclosure: NEMA 12 NEMA 4 NEMA 4X
 Explosion Proof: No Yes, Class, Div., Group.: _____
 Motor Starters: None, by customer Type/Brand: _____ Encl: NEMA 12 NEMA 4 4X
 Explosion Proof: No Yes, Class, Div., Group.: _____

****Please provide a sketch of your desired layout.**

By: _____ (Customer)

Please return via fax to: 704-846-3761 or email to: scott@cmtnc.com