YOUNG® INDUSTRIES
Advanced Technology.
Proven Design.

Application Data Sheet
Pneumatic Systems

Customer Information

Company: _____

Name: _____

Title: _____

Address: _____

Email: _____

Phone: _____

Material Information

Materials: _____

Bulk Densities: _____ lbs/ft³

Particle Size: _____

Material Flowability: _____

☐ Hygroscopic ☐ Abrasive ☐ Hazardous ☐ Friable

☐ Toxic ☐ Corrosive ☐ Heat Sensitive ☐ Cohesive

Is the material combustible? If so please fill out the information below.

Additional information to comply with NFPA 69 for combustible dust:

KST: _____

Pmax: _____

Pred: _____

Construction Requirements

Material of Construction:

○ Carbon Steel ○ 304 S/S ○ 316 S/S ○ Other:_____

Are there any special finish requirements, polish, or coating, etc.? If so, please list:

_____

Electrical Requirements

Motor Enclosure:

○ TEFC

○ Explosion Proof

Class: _____ Division: _____ Groups: _____

Motor Voltage:

○ 230/460 VAC 3PH 60HZ ○ Other

VFD Rated?: ○ Yes ○ No

Control Voltage: ○ 120 VAC ○ 24 VDC

Control Panel Required? ○ Yes ○ No

Control Panel/Electrical Enclosure:

○ NEMA 4 ○ NEMA 7/9 ○ NEMA 12 ○ Other: _____

Hazardous Location:

Class: _____ Division: _____ Groups: _____

Application Information

Quantity of Inlets: _____

Inlet of Conveyor - What is feeding material to the system?: _____

Quantity of Outlets: _____

Discharge of System - What is the system discharging material into?: _____

Service: ○ Batch Conveying ○ Continuous Conveying

Process Temperature: _____ °F

Required Convey Capacity: _____ lbs/hr

Number of Discharge Points: _____

Number of 90° Elbows: _____

Horizontal Convey Distance: _____ ft.

Vertical Convey Distance: _____ ft.

Altitude of Installation Site: _____

Type of System:

○ Dilute Positive ○ Dilute Negative ○ Dilute Closed Loop

Convey Gas: ○ Air ○ Nitrogen ○ Other:_____

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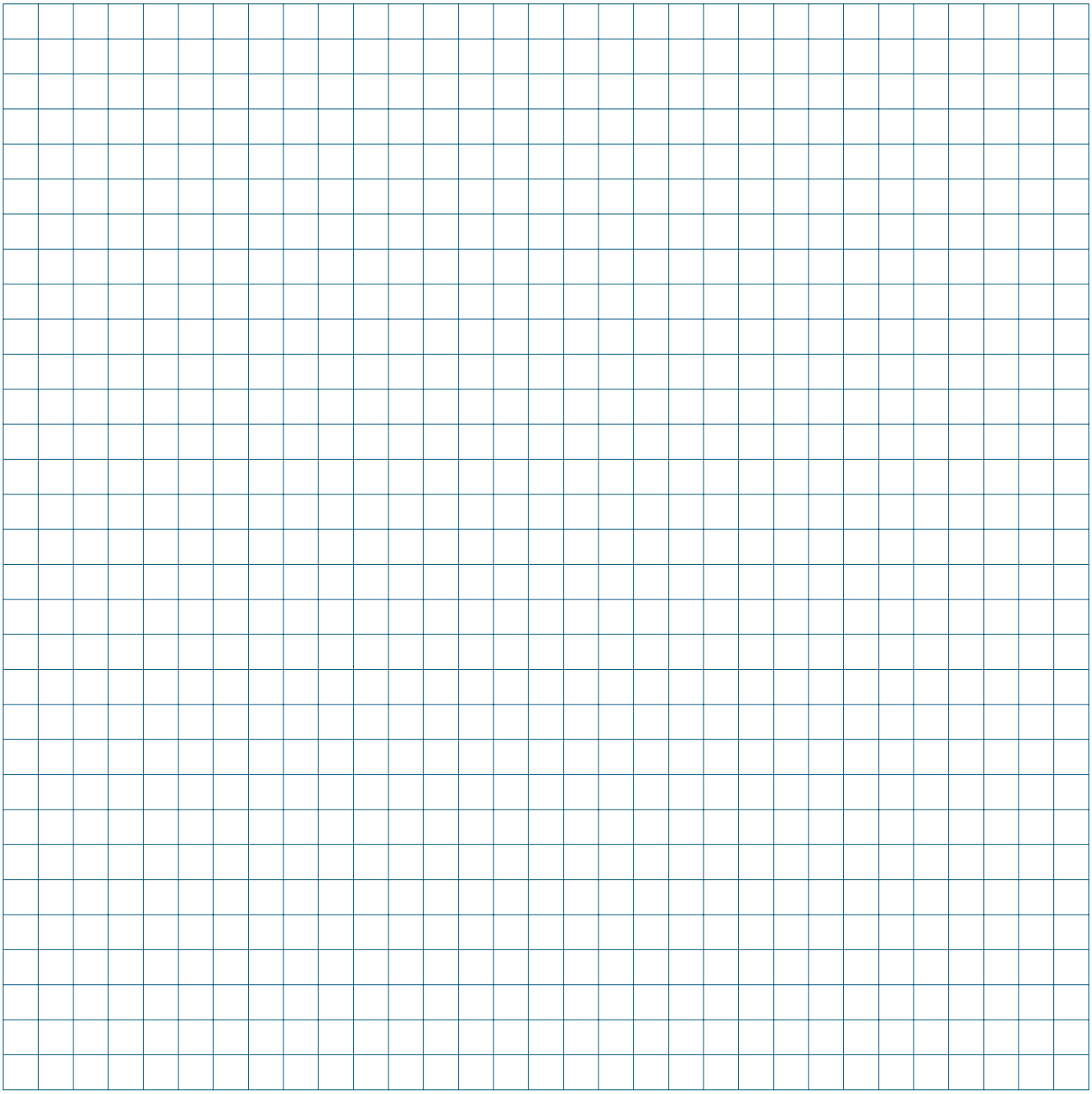
Application Drawing (Optional)



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