

**Apex Industrial Solutions, Inc.**

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CUSTOMER		DATE	
PHONE #		EMAIL	
COMPANY		PLANT LOCATION	
PROJECT			

Altitude		Ft	Max Ambient Outside Temperature		°F
Material Source					
Surge Hopper?	☐ Yes	☐ No	If Yes, Size*		Cu. Ft.
<i>*Suggested minimum of 200 cu. ft.</i>					
Material Destination					
Physical Location	☐ Inside	☐ Outside	☐ Under - Silo/Building	☐ Rail/Truck Dump	
Available Power	☐ 30/60Hz/230 - 460V		☐ Other		

DESIGN PARAMETERS

Desired Conveying Capacity		TPH	
Pump Runs	☐ Batches	☐ Continuous (24/7)	☐ Other
Air Supply Line Size (ID)	"	Air Supply Type	☐ Tube ☐ Pipe* ☐ Other
*If Pipe	☐ Pipe/Tube Adaptor		☐ Tube/Pipe Adaptor
Conveying Line Size (ID)	"	Conveying Type	☐ Tube ☐ Pipe* ☐ Other
*If Pipe	☐ Pipe/Tube Adaptor		☐ Tube/Pipe Adaptor
Horizontal Distance	'	Vertical Distance	'
Total Distance	'		
Distance to First Elbow (Min. 15 Ft)	☐ < 12 Ft	☐ 12 - 20 Ft	☐ > 20 Ft
First Elbow 90°?	☐ Yes	☐ No	If No, What Angle? °
Min. Distance Between 2 Elbows?	☐ 10 - 15 Ft		☐ Other
Total # of 90° Elbows		Total # of Other Angle Elbows	

AIR REQUIREMENTS (SUGGESTED)

Blower Model		Motor		HP
Conveying Air at Blower Discharge		ACFM @		PSIG
Max Blower Output for Line Blowout (Min. 12 PSI Output)				PSI

MATERIAL CHARACTERISTICS

Material 1.

Common Name				
Chemical Formula				
Bulk Density, Aerated	Lbs/Cu.Ft.	Bulk Density, Settled	Lbs/Cu.Ft.	
Max Particle Size		Moisture Content	%	
Particle Type/Shape	☐ Pellet	☐ Powder	☐ Lump	☐ Chip
	☐ Granular	☐ Flake	☐ Curl	☐ Fibrous
Flowability	☐ Good	☐ Poor	☐ Packs	☐ Bridges
Continuous Material Temperature	°F		Peak Material Temperature	°F

Material 2.

Common Name				
Chemical Formula				
Bulk Density, Aerated	Lbs/Cu.Ft.	Bulk Density, Settled	Lbs/Cu.Ft.	
Max Particle Size		Moisture Content	%	
Particle Type/Shape	☐ Pellet	☐ Powder	☐ Lump	☐ Chip
	☐ Granular	☐ Flake	☐ Curl	☐ Fibrous
Flowability	☐ Good	☐ Poor	☐ Packs	☐ Bridges
Continuous Material Temperature	°F		Peak Material Temperature	°F

Material 3.

Common Name				
Chemical Formula				
Bulk Density, Aerated	Lbs/Cu.Ft.	Bulk Density, Settled	Lbs/Cu.Ft.	
Max Particle Size		Moisture Content	%	
Particle Type/Shape	☐ Pellet	☐ Powder	☐ Lump	☐ Chip
	☐ Granular	☐ Flake	☐ Curl	☐ Fibrous
Flowability	☐ Good	☐ Poor	☐ Packs	☐ Bridges
Continuous Material Temperature	°F		Peak Material Temperature	°F

Notes:

CUSTOMER PRINTED NAME

CUSTOMER SIGNATURE