



Apex Industrial Solutions, Inc.
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CUSTOMER		DATE	
PHONE #		EMAIL	
COMPANY		PLANT LOCATION	
PROJECT			

Function	☐ Airlock Only	☐ Feeder Only	☐ Airlock/Feeder Combination
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ABOVE VALVE

Conditions Above Valve	☐ Hopper	☐ Cyclone	☐ Shredder	☐ Silo	☐ Filter/Receiver
	☐ Dryer	☐ Baghouse	☐ Screw	☐ Mixer	☐ Other

Positive Pressure Above Valve	PSI	Negative Pressure Above Valve	"HG
Atmospheric Pressure Above Valve	"H ₂ O	Temperature Above Valve	°F

Valve Choke Fed	☐ Yes	☐ No	Humidity	☐ High	☐ Average	☐ Low
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BELOW VALVE

Conditions Below Valve	☐ Hopper	☐ Belt	☐ Tank	☐ Screw	☐ Chute
	☐ Vac Line	☐ Airslide	☐ Mixer	☐ Pressure	☐ Convey Line
	☐ Other				

Positive Pressure Beneath Valve	PSI	Negative Pressure Beneath Valve	"HG
Atmospheric Pressure Beneath Valve	"H ₂ O	Temperature Beneath Valve	°F

Diameter of Convey Line	"	Humidity	☐ High	☐ Average	☐ Low
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MEDIA

Material		Bulk Density	
Max Particle Size		Mesh Size	Angle of Repose

Particle Shape	☐ Pellet	☐ Powder	☐ Chip	☐ Curl
	☐ Lump	☐ Granular	☐ Flake	☐ Fibrous
	☐ Other			

Flow	☐ Extreme	☐ Moderate	☐ Sluggish	☐ Sticky
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Flow Rate	Tons	Lbs/Hr	F ³ /Hr
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Moisture Content	%	Temperature	°F
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Unique Characteristics	☐ Hygroscopic	☐ Corrosive/Reactive	☐ Explosive	☐ Toxic/Emits Fumes
	☐ Sticky/Smears	☐ Heat Sensitive	☐ Aerates/Dusty	☐ Tends to Pack
	☐ Other		☐ Not Applicable	

Allowable Degradation	%	Abrasiveness	☐ Extreme	☐ Moderate	☐ Mild
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NFPA Information	☐ Pred	☐ Pmax	☐ Kst	☐ Mitigation Strategy
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• Notes:

CUSTOMER PRINTED NAME

CUSTOMER SIGNATURE