

POWDER HANDLING & CONTAINMENT APPLICATION QUESTIONNAIRE

CUSTOMER INFORMATION

Company: _____

Contact: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

I plan to purchase in: 1-3 months 4-12 months Budget Only

PRODUCT INFORMATION

	Product 1	Product 2	Product 3	Product 4
Product Name				
Bulk Density (lb/ft ³ or kg/m ³)				
Minimum Particle Size (μ)				
Moisture Content (%)				
MIE (Minimum Ignition Energy) (mJ)				
MEC (Minimum Explosion Concentration) (g/m ³)				
P _{max} (maximum pressure)				
K _{st} (dP/dt)				
LEL/UEL (lower/upper explosive limit)				
*Product Form				
**Container				
Container Dimensions				
Inner Liner (Y/N)				
***Flow Characteristics				
Batch Quantity (lbs)				
Transfer Height (ft)				
Total Transfer Distance (ft)				
Operating Time (min)				

*Product Form: Pellets / Powder / Granular / Flake / Irregular / Fiber / Other

** Container: Drums / Small Bags / Super Sacks / Other

***Flow Characteristics: Very Free Flowing (VFF) / Free Flowing (FF) / Semi Free Flowing (SFF) / Not Free Flowing (NFF)

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PRODUCT PROPERTIES

Properties	Combustible	Dusty	Cohesive	Aerates	Abrasive	Hygroscopic	Friable	Corrosive	Toxic	Bridges	Ratholes	Explosive	Reacts with water	Reacts with air
Product 1														
Product 2														
Product 3														
Product 4														

CURRENT CHARGING METHOD

None, new application Manually through manway or nozzle Mechanical Conveyor Pneumatic Conveyor

Other: Please Specify _____

Comments: _____

INSTALLATION

	Vessel 1	Vessel 2	Vessel 3	Vessel 4
Vessel Type				
Volume/Capacity (gal)				
Mounting Flange Diameter (in)				
Overhead Clearance				
Design Pressure (psig)				
Pressure when Charging (psig)				
Design Temperature (°F)				
Temperature when Charging (°F)				



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EMAIL sales@ddpsinc.com

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ACCEPTABLE MATERIALS OF CONSTRUCTION

Product Contact:

304 SS 316L SS Hastelloy Glass

Non-Product Contact:

Painted Carbon Steel 304 SS 316L SS Other: Please Specify _____

PRODUCT AREA CLASSIFICATION

General Purpose

Hazardous: Class: _____ Division: _____ Group: _____

VACUUM PUMP

Existing: Yes Manufacturer: _____ Model: _____
 No, quote as option

RETURN COMPLETED QUESTIONNAIRE

E-Mail: jake.davis@ddpsinc.com



VISIT www.ddpsinc.com
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