

**APPLICATION
QUESTIONNAIRE**

Customer Information

Company: _____
Contact: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
Email: _____

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

Product to be Transferred

Product Name or CAS Number: _____ Bulk Density: _____ lb/ft³
Material Form: Powder Prill Flake Granule/Pellet Other: _____
Minimum Ignition Energy: _____ mJ Lower Explosion Limit of Oxygen: _____ %
Particle Size Range: min. _____ microns max. _____ microns Moisture Content: _____ % by weight
Powder delivered in: Bags Drums Super Sack Volume/Size: _____
Other: _____
Flow Characteristics: Very free flowing (angle of repose < 30°) Free flowing (angle of repose 30° - 45°)
 Semi free flowing (angle of repose 45° - 60°) Non free flowing (angle of repose > 60°)
Material Characteristics: Cohesive Hygroscopic Contains Lumps
Other: _____

Characteristics of Transfer

Batch Quantity: _____ lbs Desired Rate: _____ lbs/hr
Transfer Distance: _____ ft vertical _____ ft horizontal

Current Charging Method

None, new application Manually through manway or nozzle Mechanical Conveyor Pneumatic Conveyor
Other
Comments: _____

Installation

Vessel type: _____ Volume: _____
Mounting flange: dia: _____ rating: _____ Overhead clearance: _____
Vessel pressure when charging: _____ Vessel temperature when charging: _____
Vessel design pressure: _____ Vessel design temperature: _____

Materials of Construction

Process - Contact/Wetted

Acceptable materials:

Stainless Steel Hastelloy PTFE PFA Other: _____

Production Area Classification

Non-explosion proof

Explosion proof: Class: _____ Division: _____ Group: _____

Vacuum Pump

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

Return Completed Questionnaire

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