HV Emulsifier/Wet Mill

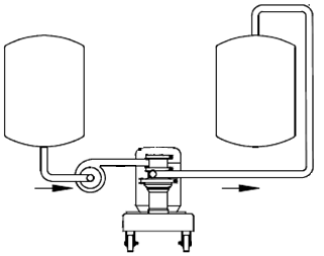
QUADRO Leading Process Equipment Innovation

IDEX MATERIAL PROCESSING

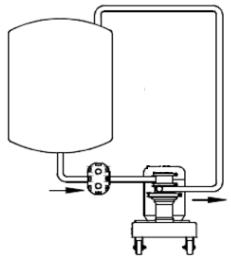
Company Name: _____
Contact Name: _____
Position: _____
Telephone #: _____
Fax #: _____
Address:

	Solid 1	Solid 2	Solid 3
Name			
Quantity	○ lb ○ kg	○ lb ○ kg	○ lb ○ kg
Bulk Density			
Initial Particle Size	Primary Grain: _____ Agglomerate:	Primary Grain: _____ Agglomerate:	Primary Grain: _____ Agglomerate:

	Liquid 1	Liquid 2	Liquid 3
Name			
Quantity	○ Gal ○ L	○ Gal ○ L	○ Gal ○ L
Temperature	○ °F ○ °C	○ °F ○ °C	○ °F ○ °C
Viscosity			
Specific Gravity			



○ Single Pass



○ Recirculation

Sanitary Design ☐
Mechanical Seal: ○ Single ○ Double
Explosion Protection ☐
Voltage: _____
Phase: _____
Frequency: _____

Desired Process Improvements (Check all that apply)

- ☐ Particle Size Reduction
- ☐ De-agglomeration
- ☐ Create an Emulsion
- ☐ Improve Solid Suspension
- ☐ Improve Reaction Time
- ☐ Improve Texture

Infeed Pump
Type _____
Model _____
Capacity _____

Product Contact Material:
- ○ 304 SS (standard)
- ○ 316 SS
- ○ Other _____

Inlet and Outlet Connections:
- ○ Triclamp
- ○ Other _____

Product Contact Elastomers:
- ○ Viton FDA (standard)
- ○ EPDM
- ○ Other _____

Finished Product Properties (Target)

Name: _____
Quantity: _____ ○ Gal ○ L Target Batch Time: _____
Normal Process Temp: _____ Max Process Temp: _____
Max Viscosity: _____
Specific Gravity: _____
Target Particle/Droplet Size Average: _____
Target Particle/Droplet Size D(90): _____

Check if applicable:
☐ Abrasive ☐ Tends to Foam ☐ Sticky/Lumpy

Current Process Details / Additional Notes: