

Screw Pump Material Data Sheet

Date: _____ Meyer Job Number: _____
Customer: _____
Location: _____
Contact: _____ 2nd contact: _____
Phone: _____ Fax: _____
e-Mail: _____ MEYER Agent: _____

Plant / Conveying System Location:

-Altitude (ft): _____ -Max. Ambient Outside Temp: _____ °F
-Material Source: _____
-Surge Hopper?: Yes No Size: *(suggest min. 200 cu ft)* _____
-Material Destination: _____
-Physical Location: Inside Outside Under-Silo/Bldg Rail/Truck Dump
-Available Power: *(std - 3Ø/60Hz/230-460v)* or Other _____
-Other Location Comments: _____

Conveyed Material Data: *More than One? – submit additional sheet(s)*

-Material Description /Type /Class: _____
-Chemical Name: _____
-Bulk Density: _____ #/cu. ft. Aerated De-aerated Compacted
-Flowability: _____
-Particle Size: _____ -Particle Shape: _____
-Moisture Content: _____
-Material Temperature: _____ ° F - continuous/peak, etc.? _____
-Other Material Comments: _____



Conveying System Design Parameters:

- Desired Conveying Capacity: _____TPH; _____
- Pump Runs - batches, continuous (24/7) ? _____
- Air Supply Line – Size: (ID”):_____“; Tube Pipe Other _____
If Pipe: pipe/tube adaptor or tube/pipe adaptor
- Conveying Line - Size: (ID”):_____“; Tube Pipe Other _____
If Pipe: pipe/tube adaptor or tube/pipe adaptor
- Distance - Horizontal: __ feet; Vertical: _____ feet; Total: _____ feet
- Distance to first elbow: (min. 15 ft.) < 12 feet , 12 – 20 feet , > 20 feet _____
First elbow 90°? Yes No Other than 90° _____
- Minimum Distance between any two elbows:(10 -15 feet)or? _____
- Total Number of Elbows: (90°) ____ Other angles: (?-45°) _____

Air requirements - (suggested):

- Conveying Air - at blower discharge - _____ACFM @ _____psig
- Blower Model: _____ - Motor HP: _____
- Max. Blower Output - for line blowout: _____ (min. 12 PSI output?): _____

Other Comments: _____

*** Include a current drawing of the installation or make a sketch on back of this sheet ***

CMDS Information Supplied by: _____ (Signature)

Print Name: _____

Date: _____ Title: _____