



SENTRY EQUIPMENT CORP

The Sampling Connection

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Bulk Solids Sampler Data Sheet

Date: _____

Name: _____

Company: _____

Address: _____

Phone: _____

Fax: _____

E-Mail: _____

Product: _____

Bulk Density: _____

Flow Rate: _____

Particle Size: _____

Particle Shape:

- Spherical
- Crystal
- Fiber
- Flake
- Granular
- Other _____

Temperature:

Min. _____°F _____°C Max _____°F _____°C

Angle of Repose: _____

Moisture Content: _____

Type Sample Required:

- Individual (Grab)
- Composite

Quantity of sample per incident (cycle) _____

Total sample amount required _____

Time period in which sample will be taken _____

Product Description:

- Abrasive
- Corrosive
- Hygroscopic
- Explosive
- Adhesive
- Static-generating
- Floodable
- Hazardous
- Homogeneous
- Segregating
- Cohesive
- Friable
- Toxic
- Pressure-sensitive
- Interlocking
- Other _____

Normally Free Flowing?

- Yes
- No

Sampler Location:

- Inside Amb. Temp: Min. _____°F _____°C
- Outside Max. _____°F _____°C

Service:

- Industrial
- Pharmaceutical
- Food
- Dairy

Sampling From:

Gravity Line

- Vertical Spout
- Angular Spout
- Bin
- Hopper (Include drawing)
- Air Slide
- Bagger
- Conveyor Belt
- Screw
- Mixer
- Other _____

Pneumatic Line Pressure: _____ psi _____ Bar

- Horizontal Left
- Horizontal Right
- Vertical up
- Vertical down
- Angular
- Negative

Material movement at sample point:

- Static
- Slow moving
- Free falling

Reason(s) Sample Needed: _____

Line / Spout Size:

- Round
- Rectangular
- Square

O.D. _____ IN. I.D. _____ IN.

O.D. _____ mm I.D. _____ mm

Line / Spout Material:

- Stainless Steel
- Carbon Steel
- Aluminum
- Other

Special Systems to Interface:

- Particle Size
- Moisture Analysis
- Color
- Density

Sampler Fabricated Of:

- Stainless Steel
- Other

Electrical Classifications:

- Motor Std. TEFC
- Explosion Proof

Class _____, Div. _____, Group _____

Group _____ Zone _____ (ATEX)

Voltage:

- 115/Ph
- 230/Ph
- 230/460/3ph
- Other _____

