



# SENTRY EQUIPMENT CORP

966 Blue Ribbon Circle North • Oconomowoc, WI 53066 USA  
Tel 262.567.7256 • Fax 262.567.4523  
www.sentry-equip.com

QUALITY MANAGEMENT SYSTEM  
CERTIFIED BY DNV

ISO 9001:2008

## Application Information Sheet Bulk Solids Sampler

Please provide the following information to assist us in the selection of the appropriate sampler for your application. If possible, include a sketch of the installation. Return this form to:

Date:		Company:		Contact Name:	
Quote #:		Address:		Phone:	
CustID #:		City/St/ZIP:		Fax:	
		Country:		Email:	

### General Application Parameters

Service: <input type="checkbox"/> Industrial <input type="checkbox"/> Pharmaceutical <input type="checkbox"/> Food <input type="checkbox"/> Dairy	Product:	
Reason(s) Sample Needed:		
Bulk Density:	Particle Size:	Particle Shape: <input type="checkbox"/> Spherical <input type="checkbox"/> Crystal <input type="checkbox"/> Fiber
Temperatures: Min. [°F/°C]:	Max. [°F/°C]:	<input type="checkbox"/> Granular <input type="checkbox"/> Flake <input type="checkbox"/> Other: <input type="text"/>
Moisture Content [%]:	Product Description (select all that apply):	
Angle of Repose:	<input type="checkbox"/> Abrasive <input type="checkbox"/> Corrosive <input type="checkbox"/> Hygroscopic <input type="checkbox"/> Explosive	
Flow Rate:	<input type="checkbox"/> Adhesive <input type="checkbox"/> Static-generating <input type="checkbox"/> Floodable <input type="checkbox"/> Hazardous	
Normally free flowing? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Homogenous <input type="checkbox"/> Segregating <input type="checkbox"/> Cohesive <input type="checkbox"/> Friable	
	<input type="checkbox"/> Toxic <input type="checkbox"/> Pressure-sensitive <input type="checkbox"/> Interlocking <input type="checkbox"/> Other: <input type="text"/>	
Material movement at sample point: <input type="checkbox"/> Static <input type="checkbox"/> Slow <input type="checkbox"/> Free fall		

### Sampler Construction

Sampler fabricated of: <input type="checkbox"/> Stainless steel <input type="checkbox"/> Other: <input type="text"/>	Type of Sample Required: <input type="checkbox"/> Individual (Grab) <input type="checkbox"/> Composite	Total sample amount required:	
		Qty of sample per incident (cycle):	
		Sample must be taken in [min/sec]:	
Electrical Classifications: <input type="checkbox"/> Motor Std. TEFC <input type="checkbox"/> Explosion Proof > Class: <input type="text"/> Div: <input type="text"/> Group: <input type="text"/> ATEX Group: <input type="text"/> Zone: <input type="text"/>		Voltage: <input type="checkbox"/> 115/Ph <input type="checkbox"/> 230/460/3ph <input type="checkbox"/> 230/Ph <input type="checkbox"/> Other: <input type="text"/>	

### Installation

Sampler Location: <input type="checkbox"/> Inside <input type="checkbox"/> Outside	Ambient Temp [°F / °C]: Min: <input type="text"/> Max: <input type="text"/>	Sampling from: <u>Gravity Line</u> <u>Pneumatic Line</u>
Line / Spout: Shape: <input type="checkbox"/> Round <input type="checkbox"/> Rectangular <input type="checkbox"/> Square Size: <input type="checkbox"/> Pipe <input type="checkbox"/> Tube O.D.[in] <input type="text"/> I.D.[in] <input type="text"/> O.D.[mm] <input type="text"/> I.D.[mm] <input type="text"/>	Material: <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Carbon Steel <input type="checkbox"/> Aluminum <input type="checkbox"/> Other: <input type="text"/>	<input type="checkbox"/> Vertical spout <input type="checkbox"/> Horizontal left to right <input type="checkbox"/> Angular Spout <input type="checkbox"/> Horizontal right to left <input type="checkbox"/> Bin/Hopper (incl. drawing) <input type="checkbox"/> Vertical up to down <input type="checkbox"/> Air Slide <input type="checkbox"/> Vertical down to up <input type="checkbox"/> Conveyor Belt <input type="checkbox"/> Angular <input type="checkbox"/> Screw Conveyor <input type="checkbox"/> Negative <input type="checkbox"/> Other: <input type="text"/>
Is compressed air available? <input type="checkbox"/> No <input type="checkbox"/> Yes >	Approx. pressure [psi/bar]: <input type="text"/>	Approx. volume [cfm/clm]: <input type="text"/>



# Bulk Solids Sampler

## Controller

Controller Mode: <input type="checkbox"/> Automatic <input type="checkbox"/> Manual	Controller Rating: <input type="checkbox"/> NEMA 4X/IP66 (Water & Dust Tight - Non Metallic)
Remote start required? <input type="checkbox"/> Yes <input type="checkbox"/> No	Signal type: <input type="checkbox"/> Voltage: <input type="text"/> <input type="checkbox"/> Dry contact
Agency Approvals Required: <input type="checkbox"/> UL <input type="checkbox"/> CSA <input type="checkbox"/> ATEX <input type="checkbox"/> CE <input type="checkbox"/> CRN <input type="checkbox"/> Other: <input type="text"/>	<input type="checkbox"/> NEMA 7 (Explosive Gases) <input type="checkbox"/> NEMA 9 (Explosive Dusts)

Please enclose a sketch of proposed sampler location.