

Application Guide

Sentry Bulk Solid 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:	
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:
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:	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		Voltage: <input type="checkbox"/> 115/Ph <input type="checkbox"/> 230/460/3ph <input type="checkbox"/> 230/Ph <input type="checkbox"/> Other:	
Class: Div: Group: ATEX Group: Zone:			

Installation

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

Application Specifications Sentry Bulk Solid 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	<input type="checkbox"/> NEMA 7 (Explosive Gases)
Signal type: <input type="checkbox"/> Voltage: <input type="text"/> <input type="checkbox"/> Dry contact	<input type="checkbox"/> NEMA 9 (Explosive Dusts)
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"/>	

Please enclose a sketch of proposed sampler location.

