

Application Guide - Sentry Bulk Solid Samplers

Customer Da	ata								
Date:				Company Phone	:				
Company:		Company Address:							
Contact Name:		City, State, ZIP:							
E-mail:				Country	:				
Project Inform	nation:								
Project Name	:								
End Use Destination									
Pricin	g: Budgetary		Firm						
General Appli	cation Data								
Product Name:									
Service:	Industrial		Pharmaceutical	Food	Dairy				
Reason for Sample:									
Bulk Density:		Particle Size:			Angle of Rep				
Particle Shape:	Spherical	Crys	tal Fiber	Granu	lar Flake	Other			
Temperature:	٢	MIN			AX Pressure:				
Product Charact	eristics (Select All That	at Apply):							
	Abrasive	Cc	orrosive	Hygro	scopic	Explosive			
	Adhesive		atic-generating	Flooda	able	Hazardous			
	Homogeneous	Se	egregating	Cohes	ive	Friable			
	Toxic	Pr	essure-sensitive	Interlo	ocking	Other			
Normally Free Flowin	ng: Yes	No	Flow Rate:		Moistu	re Content (%):			
Material Movement	at Sample Point:	Static	Slow	Free Fall	Pneumatic				

Please continue on the next page

Sentry Equipment Corp

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Sampling Requirements

Type of Sample Required:	Individual (Grab)	Composite
What is the Total Composite Sa	mple Volume Required?	
Over what time period would yo	ou like the sample taken?	

Sampler Construction

Materials of Construction:	Stainless S	steel		Other			
Electrical Classifications:	Standard Duty Explosion Proof						
Hazardous Environment Rating:	Class:			Division:			Group: : T
	ATEX Group:			Zone:			Temperature Group:
Agency Approval Required:	CE	ATEX	CSA		CRN	Other	
Motor Options Required:							

Process Installation

Process Line Shape: Round		d Square	Rectangle	Process Line Type:	Pipe Tube
Line Size:		Wall Thickness:		Line Angle:	
Material:	Stainless Steel	Carbon Steel	Aluminum	Other	
Gravity Line:	avity Line: Vertical Line		Bin/Hopper	(Incl. Drawing)	Air Slide (Incl. drawing)
	Conveyor	Belt Screw Conve	yor Other		
Pneumatic / Vacuum Line: H		Horizontal (left to right)	Vertical (up)	Angular	
		Horizontal (right to left)	Vertical (dowr	n)	
Pressure:				Vacuum:	
Does the pressu	re/vacumn need	to be isolated?	Yes No		

Please continue on the next page

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Installation Location

Sampler Locatio	on:	Inside	Οι	utside						
Ambient Temperature:		٩	MIN		MAX					
Voltage:	115 / 1	ph	230/1	ph	230 / 460 / 3	ph	Other			
Compressed Air	^r Availab	le:	Yes	No	Pressure:					
Flow Rate:										
Controls	Controls									
Controller Mod	le:	Automat	ic	Manual	Signa	l Type:	Voltage		Dry Contact	
Hazardous Environment Rating: Cla		Class:		Divisio	Division:		Group:			
			ATEX Gr	oup:		Zone:		Temperature Gro	ıp:	
Enclosure Type: NEMA 4X / IP66 (Water & Dust Tight – Non Metallic) NEMA 7 (Explosive Gases)										
		NEMA 9	(Explosive	Dusts)						
Agency Approv	als Requ	ired:	UL	CSA	CE	ATEX	K CRN	Other		

Please enclose a sketch of proposed sampler location or any notes:

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