Installation Preparation Form (IPF)

* Required information

1. General Information*

Date:	Version of 3DLevelScanner: ☐S ☐M ☐MV ☐Xproof Approval required	
Company Name:		
Street:	City:	
State:	Zip:	
Contact Name:	Title:	
Phone:	Fax:	
E-mail:		
Representative:		

2. Material Information

Product Name * (i.e. Flour…Cement)			
Bulk Density* ☐g/cc ☐ lb/cu.ft.			
Quantity of tanks to be monitored * (Use separate forms for additional applications)			
Potential quantity of tanks to be monitored			
Particle Size: ☐inches ☐mm	Min:	Max:	Average:
Type	☐Powder ☐Flake ☐Pellet ☐Granular ☐Gravel ☐Aggregate ☐Other:		
Characteristics	☐Free Flowing ☐Sticky ☐Wet ☐Bridges ☐Rat Holes ☐Other:		

3. Vessel Parameters

Outside Construction	☐Stainless Steel ☐Galvanized Steel ☐Carbon Steel ☐Concrete ☐Fiberglass ☐Aluminum ☐Other:
Internal Structure*	☐Cleanout Cage ☐Agitator ☐Bag House ☐Stiffening Bars ☐Temp Cable ☐Aeration Tube ☐Other:
Internal Movement*	☐Yes ☐No If yes, please describe:

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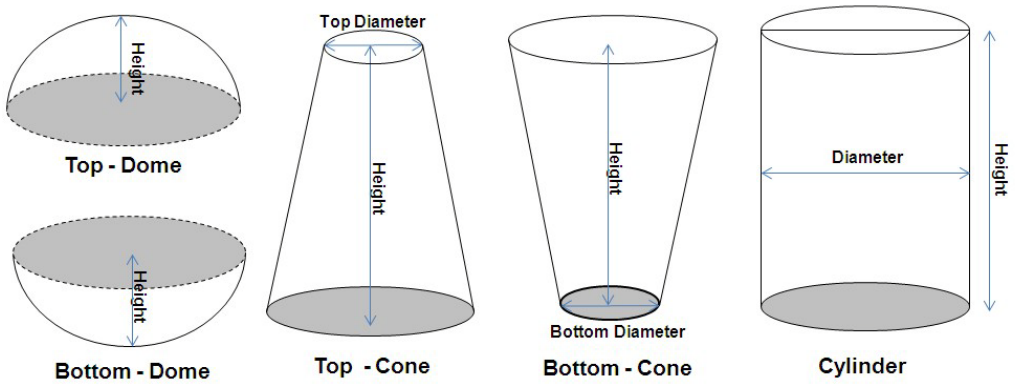
4. Vessel Dimensions (see Drawing) *

Please select: ☐ ft ☐ meters

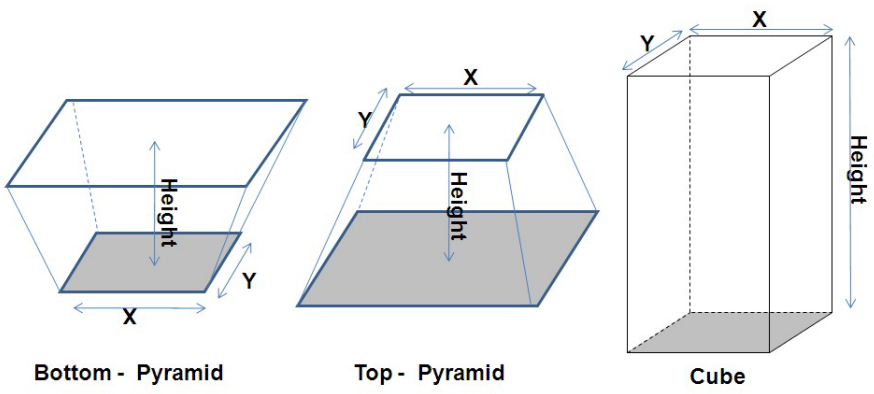
☐ CYLINDER

Center	Diameter:	Height:
Top	☐ Flat ☐ Cone Height: Top Diameter: ☐ Dome Height: ☐ Other:	
Bottom	☐ Flat ☐ Cone Height: Bottom Diameter: ☐ Dome ☐ Dual Conical (Note: Empty calibration point will be above cones) ☐ Other:	



☐ CUBE

Center	Height:	X:	Y:
Top	☐ Flat ☐ Pyramid= Height: X: Y: ☐ Other:		
Bottom	☐ Flat ☐ Pyramid= Height: X: Y: ☐ Other:		



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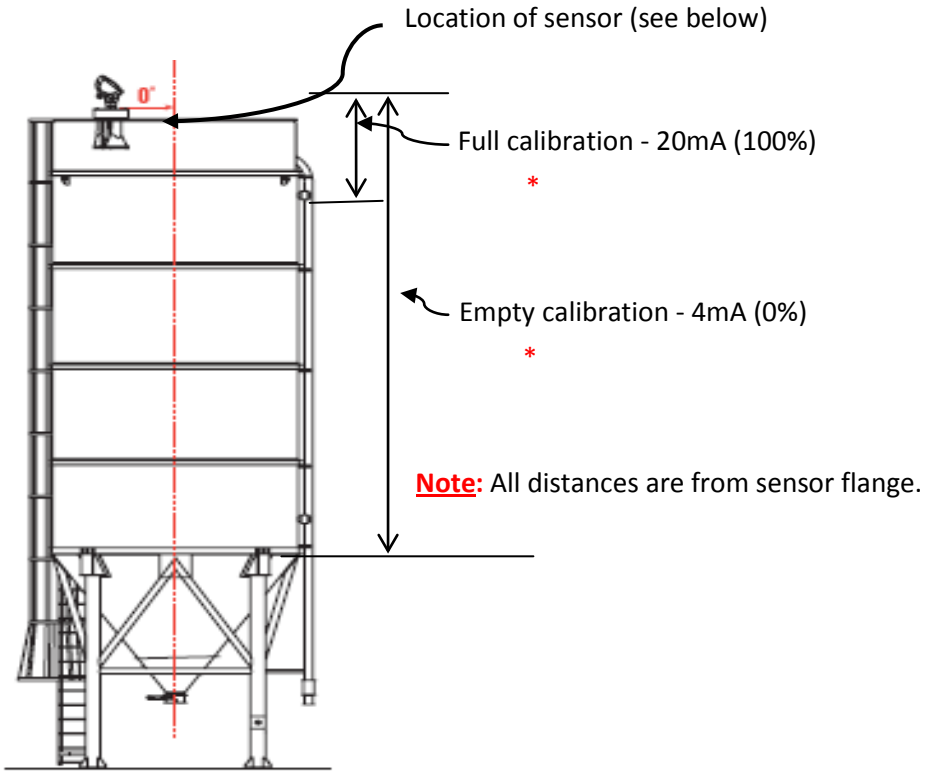
5. Calibration Points *

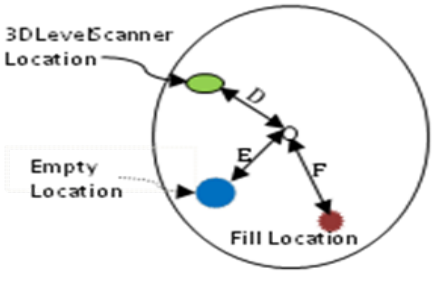
Please select: ☐ ft ☐ meters



6. Scanner Location (See Drawing)*

Please select: ☐ ft ☐ meters

☐ Circular Container		☐ Rectangular Container		
Scanner Location :	D=	Scanner Location:	L 1=	W 1=
Fill Location:	F=	Fill Location :	L 2=	W 2=
Empty Location:	E=	Empty Location :	L 3=	W 3=



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7. Filling Process*

Fill Method	☐ Gravity ☐ Pneumatic ☐ Conveyor ☐ Other:
Dust during fill	☐ Yes ☐ No
Max Filling Rate	☐ Tons/hr ☐ Metric tons/ hr ☐ lbs/hr
Activity Time (all selections available)	☐ Day ☐ Night ☐ Weekend ☐ Other
Frequency of filling	☐ Continuous ☐ Periodic ☐ Day ☐ Night ☐ Other
Total time to fill in hours	
Total Tons when tank is full	

8. Emptying Process*

Emptying Method	☐ Gravity ☐ Pneumatic ☐ Conveyor ☐ Other:
Max Emptying Rate	☐ Tons/hr ☐ Metric tons/ hr ☐ lbs/hr
Activity Time (all selections available)	☐ Day ☐ Night ☐ Weekend ☐ Other:
Frequency of emptying	☐ Continuous ☐ Periodic ☐ Day ☐ Night ☐ Other:
Total time to empty- in hours	
Total Tons below zero calibration point	

9. Electrical Power requirements & Signal Outputs

Power Supply Requirement	2 Wires -for 24VDC (range 20 to 36VDC)
Standard Outputs	2 wires -for 4-20mA and HART Communications 2 wires -for RS485

Approved by: