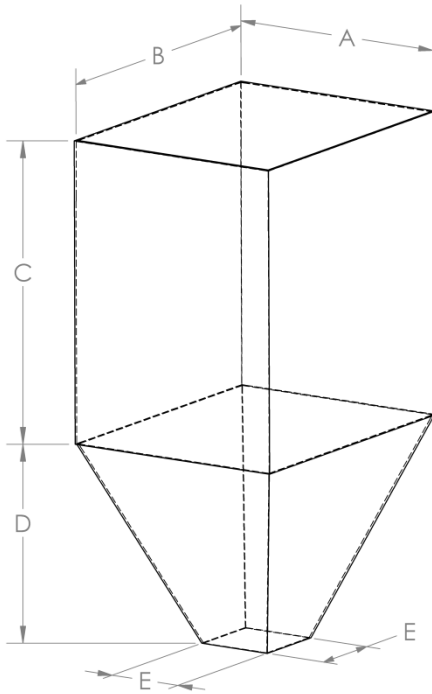


Explosion Mitigation Worksheet

Rectangular Bin/Silo

Company:	Contact Name:
Address:	Phone:
	Email:
Project Name:	Fax:



Vessel	
Tag/ID Number:	
Manufacturer:	
Model Number:	
A	Width:
B	Length:
C	Height – straight wall:
D	Height – hopper:
E	Discharge dimensions:
F	Inlet dimensions (not shown):

Preferred Protection Type (Select All Preferred Options):

Explosion Mitigation: Explosion Vent Flameless Vent Chemical Suppression
Explosion Isolation: Mechanical Chemical

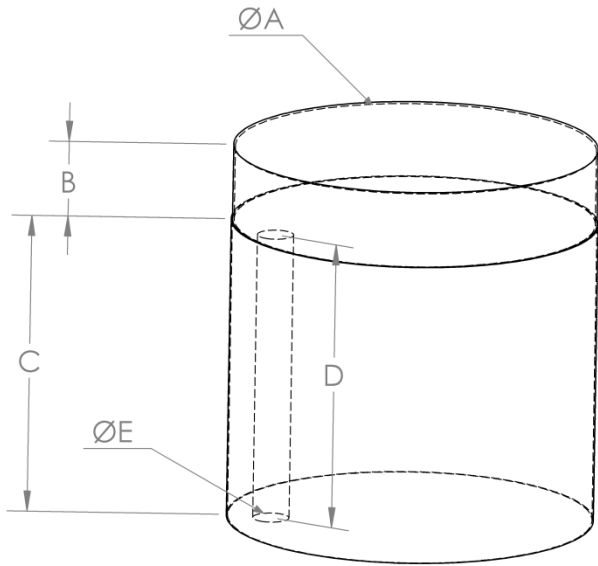
Approval/Compliance (Select All That Apply):

NFPA FM
 ATEX Other _____

Process	
Normal operating pressure and/or vacuum:	
Maximum/minimum operating pressure and /or vacuum:	
Maximum/minimum process temperatures:	
Ambient temperature:	
Airflow:	
Maximum reduced pressure (P_{red}):	
Enclosure location:	Indoors Outdoors
If vent duct is required, length of duct:	
Electrical Classification	Class II, Div. 1 Class II, Div. 2 None Other _____
Combustible material name:	
Combustible material K_{st} :	
Combustible material P_{max} :	
Additional Notes:	

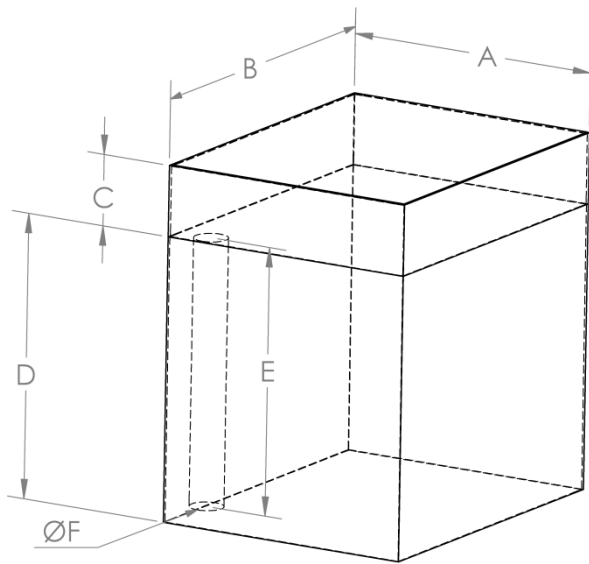
Explosion Mitigation Worksheet

Rectangular Bin/Silo



Optional Round Bin Vent

Manufacturer:		
Model Number:		
A	Diameter:	
B	Height – clean air plenum:	
C	Height – dirty air plenum:	
D	Filter length:	
E	Filter diameter:	
F	Filter quantity	
G	Clean air line diameter (not shown):	



Options Rectangular Bin Vent

Manufacturer:		
Model Number:		
A	Width:	
B	Length:	
C	Height – clean air plenum:	
D	Height – dirty air plenum:	
E	Filter length:	
F	Filter diameter:	
G	Filter quantity	
H	Clean air line diameter (not shown):	