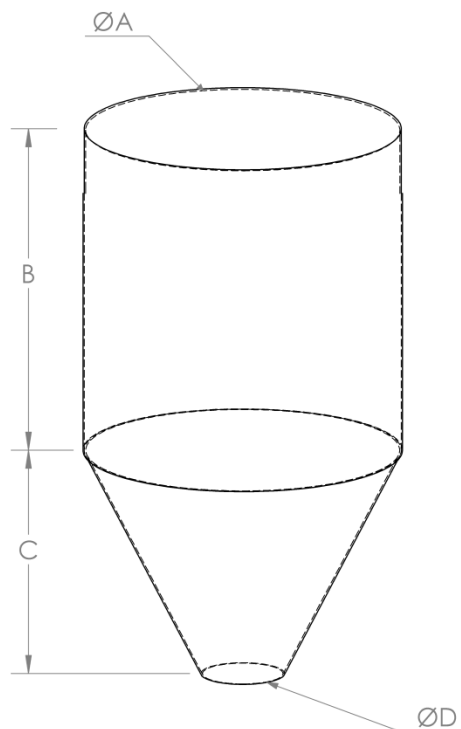


# Explosion Mitigation Worksheet

## Round Bin/Silo

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



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

**Preferred Protection Type (Select All Preferred Options):**

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

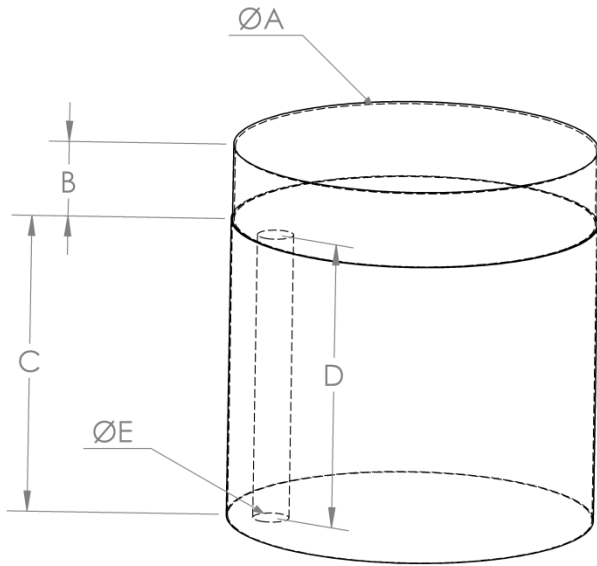
**Approval/Compliance (Select All That Apply):**

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:	

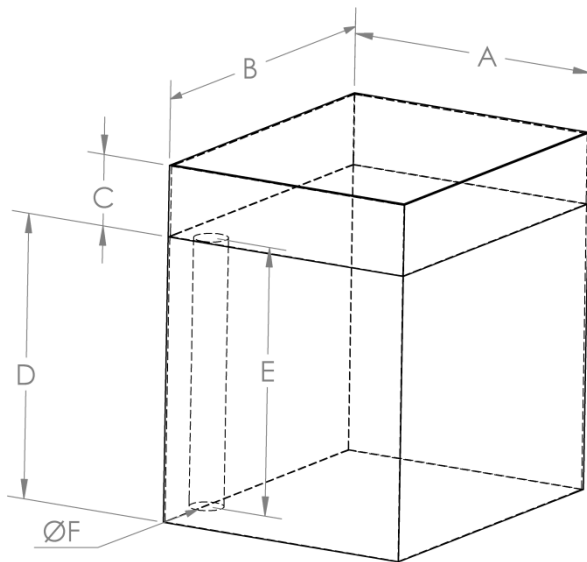
# Explosion Mitigation Worksheet

## 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):	