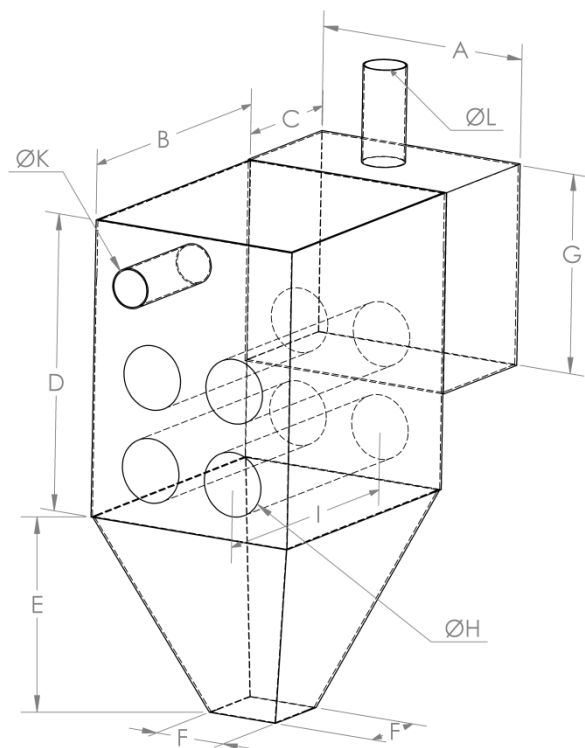


# Explosion Mitigation Worksheet

## Cartridge Dust Collector

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



Vessel	
Tag/ID Number:	
Manufacturer:	
Model Number:	
A	Width:
B	Length – dirty air plenum:
C	Length – clean air plenum:
D	Height – dirty air plenum:
E	Height – hopper:
F	Discharge dimensions:
G	Height – clean air plenum:
H	Filter dimensions:
I	Filter length
J	Filter quantity
K	Inlet line diameter
L	Clean air line diameter

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

<b>Explosion Mitigation:</b>	Explosion Vent	Flameless Vent	Chemical Suppression	NFPA	FM
<b>Explosion Isolation:</b>	Mechanical	Chemical	ATEX	Other _____	

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

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:	