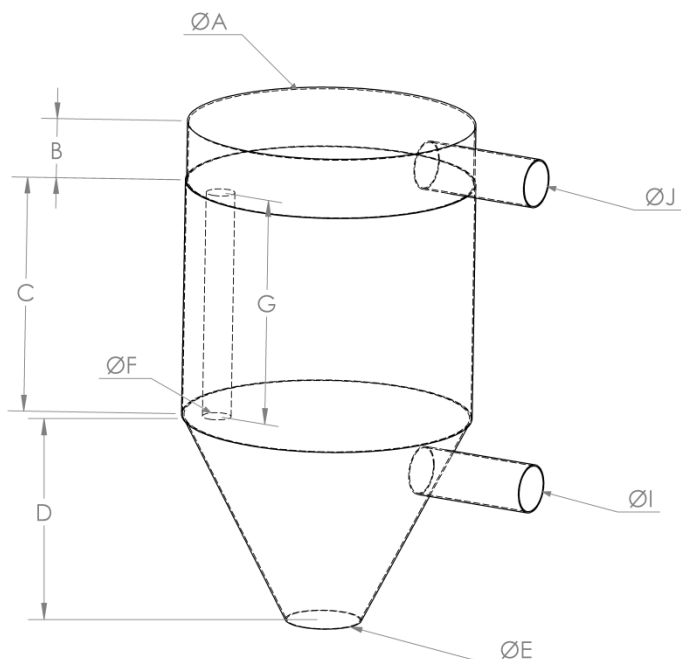


# Explosion Mitigation Worksheet

## Round Dust Collector

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



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

**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:	