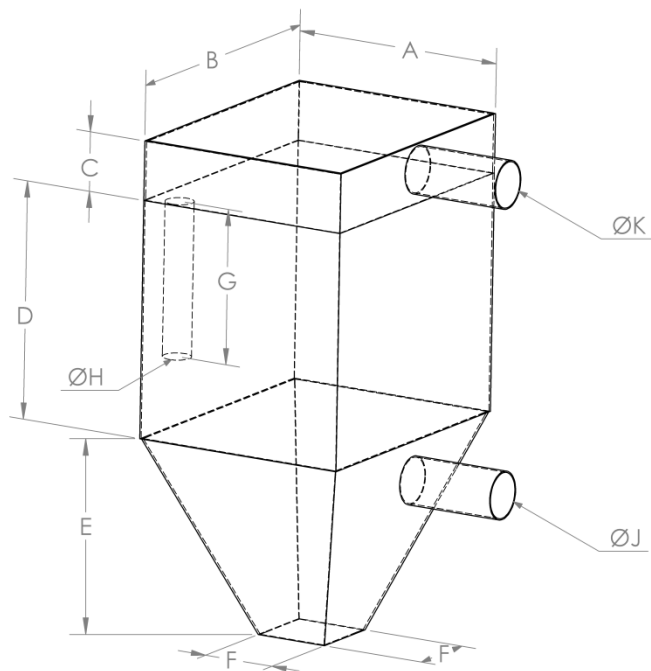


Explosion Mitigation Worksheet

Rectangular Dust Collector

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



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