



Explosion Protection Worksheet

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Company _____
 Address _____
 Project _____

Contact _____
 Phone _____
 Fax _____
 E-Mail _____

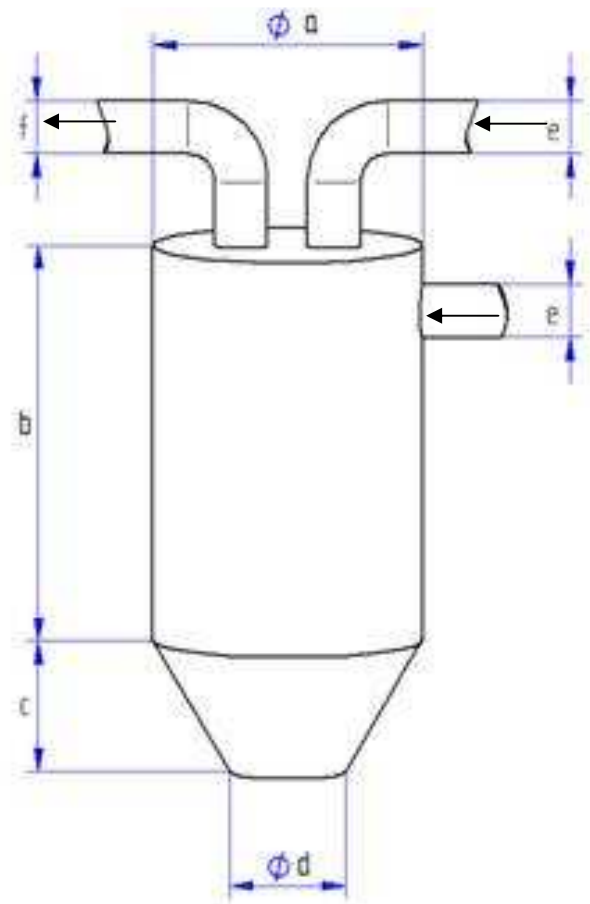
Generic, round

Description:

Process	
Maximum positive pressure	
Maximum vacuum	
Maximum process temperature	
Ambient temperature	
P_{red} – enclosure strength	
Enclosure location	<input type="checkbox"/> indoors <input type="checkbox"/> outdoors
If indoors - distance to exterior	

Combustible material	
Name	
K_{St}	bar*m/sec
P_{max}	barg

Enclosure	
Tag/I.D. Number	
Manufacturer	
Model Number	
a	Outer diameter
b	Cylindrical Height
c	Hopper-height
d	Hopper discharge-diameter
e	Inlet diameter
	Distribution baffle <i>provide sketch</i>
	Tangential inlet <input type="checkbox"/>
	Axial inlet <input type="checkbox"/>
	Mechanical conveying <input type="checkbox"/>
f	Exhaust diameter



- Explosion Venting** - Control the Explosion Pressure
Relieves explosion overpressure within process enclosure before destructive levels of pressure are reached
- Explosion Isolation** - Control the Explosion Propagation
Mechanical barriers to prevent the spread of explosions through interconnected pipe or ducts

Comments:
