



Explosion Protection Worksheet

3809 Beam Road, Suite K - Charlotte, NC 28217 - T 704.716.7022 - F 704.716.7025 - info@rembe.us - www.rembe.us

Company _____
 Address _____
 Project _____

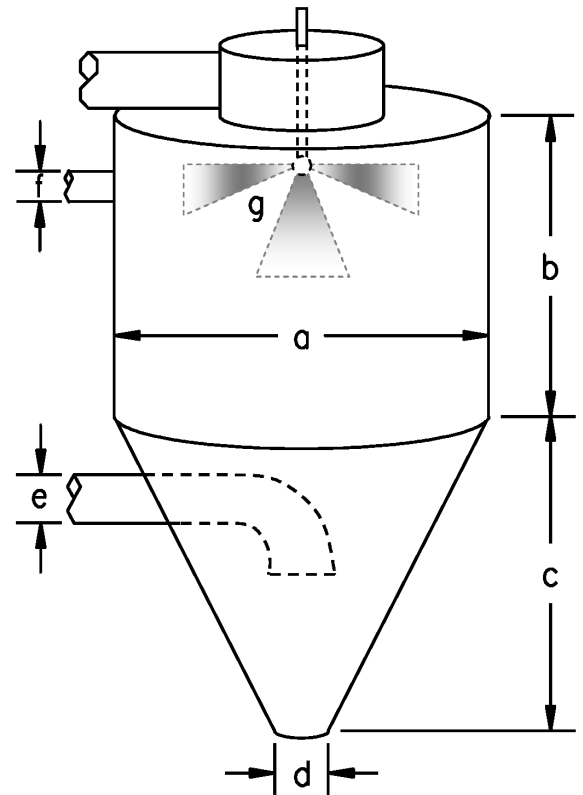
Contact _____
 Phone _____
 Fax _____
 E-Mail _____

Spray Dryer

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

Combustible material (advise if hybrid)	
Name	
K_{St}	bar*m/sec
P_{max}	barg

Enclosure	
Tag/I.D. Number	
Manufacturer	
Model Number	
a	Outer diameter
b	Cylindrical height
c	Conical-height
d	Discharge diameter
e	Exhaust diameter
f	Recycle material diameter
g	Spray nozzle <input type="checkbox"/> conical <input type="checkbox"/> centrifugal



- 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:
