



**Explosion Protection System  
Information Worksheet**  
Version 1.9

Completed by: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Tel No.: \_\_\_\_\_  
 E-mail: \_\_\_\_\_  
 Proposal Due Date: \_\_\_\_\_

**DUST COLLECTOR - ROUND**

**Proposal to be sent to:**

Contact:	_____	Title:	_____
Company Name:	_____	Telephone:	_____
Address:	_____	Fax:	_____
PROJECT NUMBER/REF:	_____	E-mail:	_____

**Please provide end-user information if different than above:**

Contact:	_____	Title:	_____
Company Name:	_____	Telephone:	_____
Address:	_____	Fax:	_____
		E-mail:	_____

**Explosion Protection Options (click boxes for options)**

Explosion Relief Venting	<input type="checkbox"/>
Flameless Venting	<input type="checkbox"/>
Vent Pstat (if applicable)	<input type="checkbox"/>
Explosion suppression	<input type="checkbox"/>
Explosion Isolation	<input type="checkbox"/>
Type of Isolation	<input type="checkbox"/> Inlet & Outlet
Exhaust air recirculates back to building?	<input type="checkbox"/>

**Combustible Material:**

Material:	_____
K <sub>st</sub> or K <sub>g</sub> :	_____ bar-m/sec
Ignition Temperature, T <sub>c</sub> :	_____ °C
Material Name:	_____
P <sub>max</sub> :	_____ bar g
MIE:	_____ mJ

Would you like to receive information on dust testing ?

**Process Operating Conditions:**

Click box for options

Max. positive pressure:	_____
Max. vacuum:	_____
Max. Temperature:	_____
Min. Temperature:	_____
Ambient Temperature:	_____

Click box for options

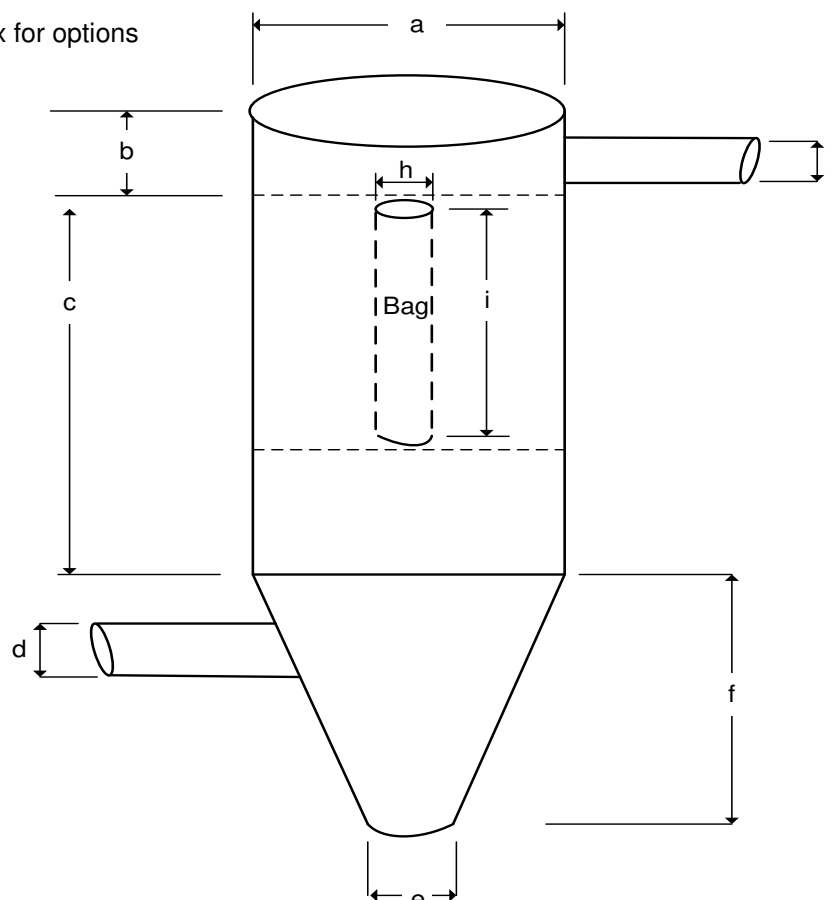
Airflow:	_____
Reduced Exp. Pres. (P <sub>RED</sub> ):	_____
Collector Location:	_____
Distance to exterior wall:	_____

**Process Description:**

\_\_\_\_\_

**Process Equipment:**

Manufacturer:	_____
Model:	_____
Dust Collector Type:	_____ Click box for options
Diameter	<b>a</b>
Clean-air plenum height	<b>b</b>
Dirty-air plenum height	<b>c</b>
Inlet diameter	<b>d</b>
Hopper discharge dia.	<b>e</b>
Hopper height	<b>f</b>
Exhaust Dia.	<b>g</b>
Bag/Cartridge Dia.	<b>h</b>
Bag/Cartridge Height	<b>i</b>
No. of Bags/Cartridges	_____



**IEP Technologies NOTES:**

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