

EXPLOSION PROTECTION QUESTIONNAIRE

VMP - EXPLOSION VENTING DEVICES

VMP - location only outside, safety area required!

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CUSTOMER DATA

COMPANY

VAT

CONTACT PERSON

Phone number

E-mail

PROJECT DATA

PLACE OF DELIVERY (CITY, COUNTRY)

PLACE OF INSTALLATION (CITY, COUNTRY)

PRODUCT (DUST) SPECIFICATION

Name

 K_{St} [bar.m/s]

MIE [mJ]

Metallic dust

☐

yes

☐

no

 P_{max} [bar]

MIT [°C]

EQUIPMENT SPECIFICATION

Protected equipment

Equipment tag / ID number

Duct diameter - inlet [m]

Duct diameter - outlet [m]

Duct length - inlet [m]

Duct length - outlet [m]

Operating temperature - minimum [°C]

Operating temperature - maximum [°C]

Ambient temperature - minimum [°C]

Ambient temperature - maximum [°C]

Maximum positive pressure (overpressure) [bar]

Maximum negative pressure (vacuum) [bar]

Ex Zone - inside

Ex Zone - outside

Pressure resistance [bar] - p_{red}

Process characteristics and properties behavior

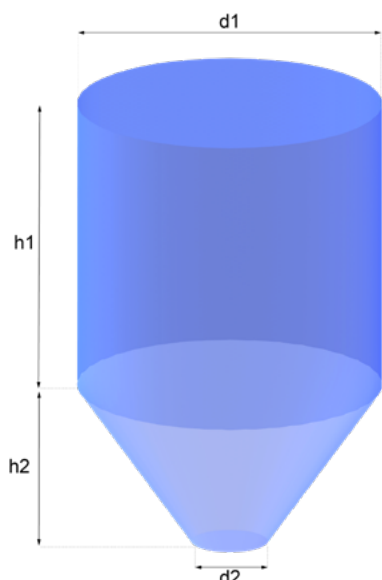
Comments and additional information

If you have a Testing Protocol, Material Safety Data Sheet (MSDS), Drawing, or sketch, please send them via email with this questionnaire.

EXPLOSION PROTECTION QUESTIONNAIRE

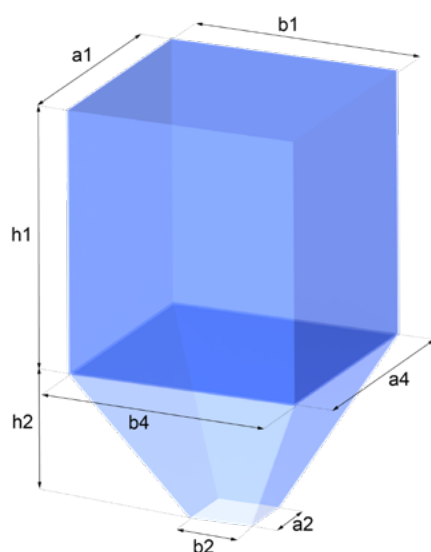
VMP - EXPLOSION VENTING DEVICES

DIMENSION OF PROTECTED EQUIPMENT



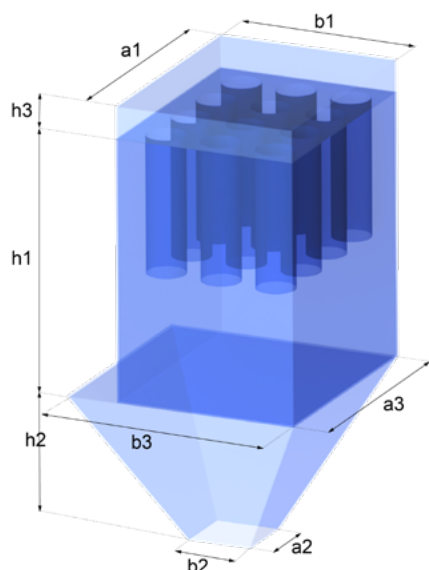
A. ROUND VESSEL

d1 [m]	
d2 [m]	
h1 [m]	
h2 [m]	



B. RECTANGULAR VESSEL

a1 [m]		b1 [m]	
a2 [m]		b2 [m]	
a4 [m]		b4 [m]	
h1 [m]		h2 [m]	



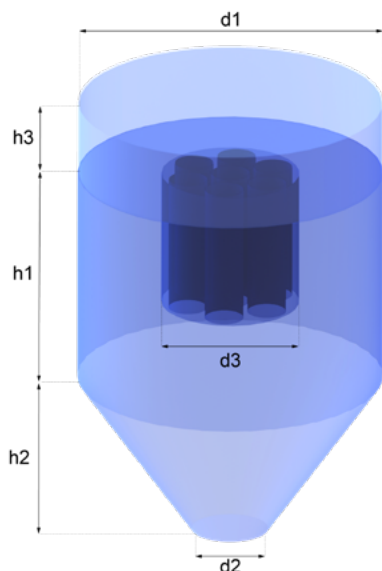
C. RECTANGULAR FILTER WITH VERTICAL BAGS

a1 [m]		b1 [m]	
a2 [m]		b2 [m]	
a3 [m]		b3 [m]	
h1 [m]		h2 [m]	
h3 [m]		Number of filtration bags	
Diameter / Dimensions		Length of filtration bags	

EXPLOSION PROTECTION QUESTIONNAIRE

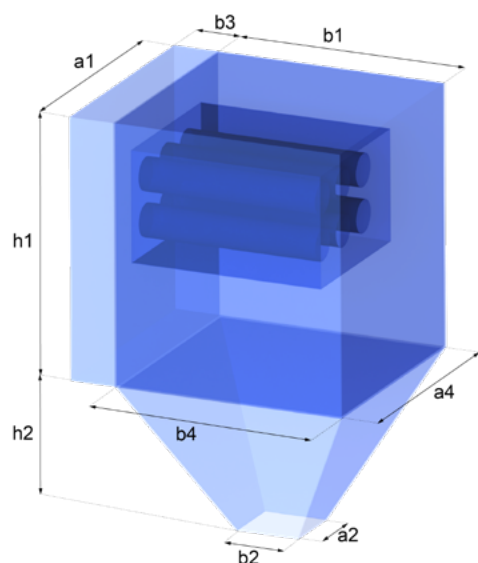
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DIMENSION OF PROTECTED EQUIPMENT



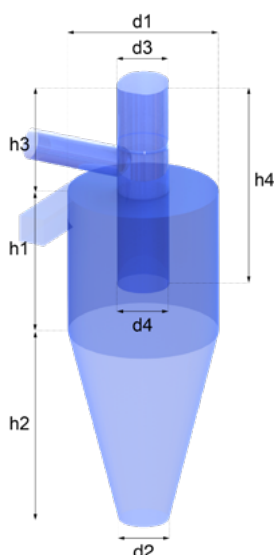
D. ROUND FILTER

d1 [m] <input type="text"/>	Number of filtration bags <input type="text"/>
d2 [m] <input type="text"/>	Diameter / Dimensions <input type="text"/>
d3 [m] <input type="text"/>	Lenght of filtration bags <input type="text"/>
h1 [m] <input type="text"/>	
h2 [m] <input type="text"/>	
h3 [m] <input type="text"/>	



E. RECTANGULAR FILTER WITH HORIZONTAL BAGS

a1 [m] <input type="text"/>	b3 [m] <input type="text"/>
a2 [m] <input type="text"/>	b4 [m] <input type="text"/>
a4 [m] <input type="text"/>	h1 [m] <input type="text"/>
b1 [m] <input type="text"/>	h2 [m] <input type="text"/>
b2 [m] <input type="text"/>	Number of filtration bags <input type="text"/>
Diameter / Dimensions <input type="text"/>	Lenght of filtration bags <input type="text"/>



F. CYCLONE

d1 [m] <input type="text"/>	h1 [m] <input type="text"/>
d2 [m] <input type="text"/>	h2 [m] <input type="text"/>
d3 [m] <input type="text"/>	h3 [m] <input type="text"/>
d4 [m] <input type="text"/>	h4 [m] <input type="text"/>