

ATEX Zone classification

Safety related characteristics



Customer
Qlar

Company name		
Contact person		Tel:
Contact person, Sales		Tel:
Project- / order No.		
Main order No.		
Serial no. of the product to be replaced		

Classification of the hazardous areas

Dust			Gas		
	Inside*	Outside*		Inside*	Outside*
Zone 20	<input type="checkbox"/>	-	Zone 0	-	-
Zone 21	<input type="checkbox"/>	<input type="checkbox"/>	Zone 1	<input type="checkbox"/>	<input type="checkbox"/>
Zone 22	<input type="checkbox"/>	<input type="checkbox"/>	Zone 2	<input type="checkbox"/>	<input type="checkbox"/>
none	<input type="checkbox"/>	<input type="checkbox"/>	none	<input type="checkbox"/>	<input type="checkbox"/>
Product name			Gas name / flammable liquid		
Dust group	IIIA <input type="checkbox"/>	IIIB <input type="checkbox"/>	Gas group	IIA <input type="checkbox"/>	IIB <input type="checkbox"/>
	IIIC <input type="checkbox"/>			IIC <input type="checkbox"/>	
			Flashpoint	°C	
			Temperature class	T (T1, T2, T3, T4, T5 or T6)	

*Inside = inside the machine; Outside = installation area of the machine

Safety values for dust:

Minimum ignition energy : _____ mJ Minimum ignition temperature ¹⁾: _____ °C
 Grit size (min. / max.) : _____ / _____ mm Glowing temperature ²⁾: _____ °C
 Self-ignition temperature : _____ °C

1) Dust cloud 2) Dust layer 5mm

Temperatures:

Max. product temperature _____ °C
 Ambient temperature from _____ °C to _____ °C

Miscellaneous:

Is the product pyrophorous? Yes No

Note: spontaneously combustion at ambient temperature

Is the product an explosive material? Yes No

Note: Products, which are explosives, when air is not present. e.g. black gunpowder or dynamite.

Not to be confused with e.g. wood dust or flour which are also explosible, but only with air.

Can the entry of ignition sources be excluded by the operator? Yes No

Note: e.g. glowing or burning product, flames, hot gases

Are there any parts explosion pressure shock resistant or explosion pressure resistant upstream or downstream the device? Yes No

Should the machine be inertised inside? Yes No

Is the product safety data sheet available? If yes, please send it to us. Yes No

Remarks:

BV-F2579GB 2432

City / Date:

Name / Function

Sign / Stamp

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