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| Specification Sheet for a Fan Designed for Use in Explosive Atmospheres – ATEX | Doc. No.: | F-04.01.11 |
| | Edition: | 1 |
| | Page: | 1/1 |

Please complete this specification sheet, as it is necessary for the proper specification of a fan manufactured in accordance with European Directive 2014/34/EU (Equipment and protective systems intended for use in potentially explosive atmospheres). Information on the meaning of the symbols and descriptions used in this form can be found in Directives 2014/34/EU and the preceding 94/9/EC, as well as in the related harmonized standards.

| | |
|---|--|
| Order / Project / Inquiry No.: | |
| First and Last Name of the person filling out the form: | |
| Company name: | |

ATEX Specification in accordance with Directive 2014/34/EU (formerly 94/9/EC)

1. Specify the explosion hazard **zone** of the medium inside and outside the fan housing (not generated by the fan)—select one option in each column.

| Inside the fan housing | | | Outside the fan housing | | |
|-------------------------------|--------------------------|--------------------------------|--------------------------|-------------------------------|--------------------------|
| Gas | | Dust | Gas | | Dust |
| Zone 1 (Category 1G or 2G) | <input type="checkbox"/> | Zone 21 (category 1D or 2D) | <input type="checkbox"/> | Zone 1 (Category 1G or 2G) | <input type="checkbox"/> |
| Zone 2 (category 1, 2, or 3G) | <input type="checkbox"/> | Zone 22 (category 1, 2, or 3D) | <input type="checkbox"/> | Zone 2 (category 1, 2, or 3G) | <input type="checkbox"/> |
| Safe zone | <input type="checkbox"/> | Safe zone | <input type="checkbox"/> | Safe zone | <input type="checkbox"/> |

2. Specify the medium's **explosion subgroup** inside and outside the fan housing (not generated by the fan)—select one option in each column.

| Inside the fan housing | | | Outside the fan housing | | |
|--------------------------|--------------------------|-------------|--------------------------|--------------------|--------------------------|
| Gas | | Dust | Gas | | Dust |
| IIA | <input type="checkbox"/> | IIIA | <input type="checkbox"/> | IIA | <input type="checkbox"/> |
| IIB | <input type="checkbox"/> | IIIB | <input type="checkbox"/> | IIB | <input type="checkbox"/> |
| IIB+H2 | <input type="checkbox"/> | IIIC | <input type="checkbox"/> | IIB+H2 | <input type="checkbox"/> |
| IIC | <input type="checkbox"/> | Safety zone | <input type="checkbox"/> | IIC | <input type="checkbox"/> |
| Other ^A | <input type="checkbox"/> | | <input type="checkbox"/> | Other ^A | <input type="checkbox"/> |
| Safety zone | <input type="checkbox"/> | | <input type="checkbox"/> | Safety zone | <input type="checkbox"/> |

No condensate in the conveyed medium (applies to plastic fans) ^{B)}

A) The type of subgroup must be specified.

B) Experience shows that small amounts of dust particles and/or liquid droplets in the exhaust air cannot be safely ruled out in industrial practice.

3. Specify the **temperature class (gas) / maximum surface temperature generated by the device (dust)**—select one option in each column.

| Inside and outside the fan housing | |
|------------------------------------|--------------------------|
| Gas | Dust |
| T1 | <input type="checkbox"/> |
| T2 | <input type="checkbox"/> |
| T3 | <input type="checkbox"/> |
| T4 | <input type="checkbox"/> |
| T5 | <input type="checkbox"/> |
| T6 | <input type="checkbox"/> |
| Safe Zone | <input type="checkbox"/> |

Maximum surface temperature generated by the device ^{B)}.
.....⁰ C

B) Specify the temperature value.

4. Specify the **motor power supply / control method**:

| | | |
|--------------------------------------|--------------------------|------------------------|
| Directly from the mains | <input type="checkbox"/> | |
| Via a frequency converter (inverter) | <input type="checkbox"/> | Adjustment range |

.....
Date

.....
Signature of the person completing the form