



## **ATEX-form**

**design of agitators according to ATEX**

The guideline 2014/34/EU regulates the composition of devices for the duly use in areas which are liable to explode. Those areas have to be divided by the client into zones and classes.

To make sure that we offer the correct agitator we need the filled out form back !

To ensure a fast and a problem-free quotation-process we prepared this Adobe-PDF-File to simplify the filling out as good as possible. Please fill out the form within the Adobe-Reader and send it back to PRG by clicking the button „send the form“. At first this execution will be enough to prepare the offer. Only by getting the order we need the last validated, signed form by fax or scanned by mail.

Your PRG-Sales-Team

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# form 05 for agitators according to ATEX

- a) client:
- b) inquiry no. / date:
- c) project:
- d) PRG offer no.:



- e) group of device: **I mining** Sonderauslegung auf Anfrage ! **II Übertage**

f)

category of device	operation range	X
1 / 2 G	separation* between zone 0 tank inside and zone 1 tank outside	
1 / 2 D	separation* between zone 20 tank inside and zone 21 tank outside	
2 G	separation* between zone 1 tank inside and zone 1 tank outside	
2 D	separation* between zone 21 tank inside and zone 21 tank outside	
3 G	separation* between zone 2 tank inside and zone 2 tank outside	
3 D	separation* between zone 22 tank inside and zone 22 tank outside	

\*separation (for example) with double acting mech. seal

- g) media / product(s)

**process data for explosive gases, mist, steam and dust:**

GAS (G)					
h) ignition group:	IIA		IIB		IIC
i) temperature class:	T4		T3		T2

DUST (D)
permitted surface temperature
<input style="width: 100px;" type="text"/> ° C

- j) ambient temperature outside the vessel  ° C
- k) operating temperature  ° C
- l) temperature during cleaning (no ATEX-conditions during cleaning)  ° C
- m) operating pressure (absolute)  bar (abs)  
[for example 3 bar (abs) = 2 bar overpressure]
- n) lubricant / buffer liquid:
- o) remarks:

Datum

Name / Unterschrift

