



# Arka Behbood Farayand

## Application Questionnaire

## Dust Measurement



The details of the Questionnaire serve as a basis of the quotation, the project planning and the order confirmation. Please fill in the following questions completely.

### 1- Customer

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Location: \_\_\_\_\_

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_ Fax: \_\_\_\_\_

### 2- Project

■ Plant/method/process: \_\_\_\_\_

■ Project no.: \_\_\_\_\_

### 3- Measuring components

	Measurement range	act. measured Values
■ Dust:	_____ mg/m <sup>3</sup>	_____
■ Soot value:	_____ RZ	_____
■ Opacity:	_____ %	_____
■ Transmission:	_____ %	_____

### 4- Plant details

■ Gas temperature:	_____ °C	
■ Gas pressure(rel.):	_____ hPa	
■ Gas velocity:	_____ m/s	
■ Ambient temp.:	_____ °C	min/max.
■ Water dewpoint:	_____ °C	

### 5- Measuring Device

■ Power supply: \_\_\_\_\_

device: \_\_\_\_\_ V AC, \_\_\_\_\_ Hz; \_\_\_\_\_ ph

air purge unit: \_\_\_\_\_ V AC, \_\_\_\_\_ Hz; \_\_\_\_\_ ph

■ Analog output:  0...20 mA  4...20 mA

■ Legislative regulations:

13th BImSchV  17th BImSchV  27th BImSchV

EPA  GOST  others

■ Application:  emission  process

### 6- Measuring point duct/channel

indoor  outdoor

■ Mount. location: \_\_\_\_\_

■ Weather proof:  yes  no

■ Diameter: \_\_\_\_\_ m

■ Material:  stainless steel  bricks

others: \_\_\_\_\_

■ Wall thickness: \_\_\_\_\_ mm

■ Insulation thic kn.: \_\_\_\_\_ mm

■ Double walled:  yes  no

■ Inner lining.:  yes  no

■ Flange material:  carbon steel  stainless steel  Others: \_\_\_\_\_

■ Aggressiv gas:  yes, comp.: \_\_\_\_\_  no \_\_\_\_\_

■ EX Protection:  no  yes

■ In Process:  \_\_\_\_\_  Outside of Process  \_\_\_\_\_

Zone (I,II)  T  II

Example ( zone 1 or 2 , ... )  Temperaturklasse  Explosionsgruppe

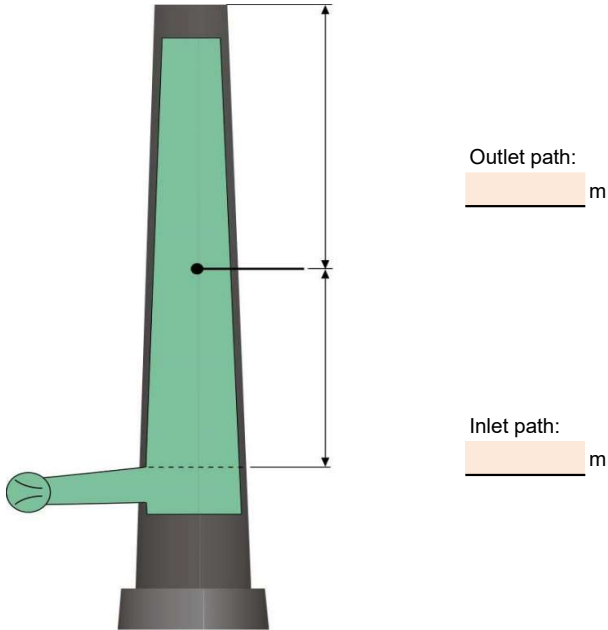
Example ( T6 or T5 ... T1 )  Example ( IIA or IIB or IIC )

Defined by Customer: \_\_\_\_\_



**7- Duct mounting**

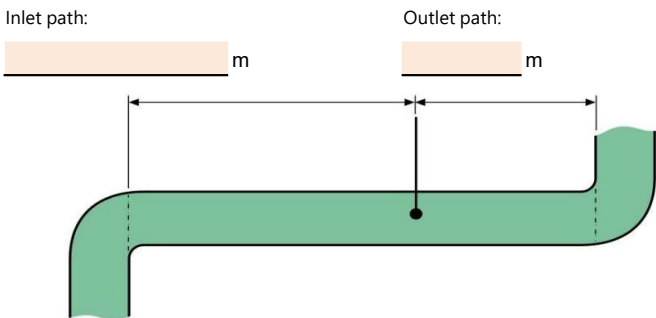
Measuring point no.:



**Remarks:**

**8- Channel mounting**

Measuring point no.:



- ←                       →
- horizontal       vertical               diagonal

**Remarks:**