

Questionnaire for extravtive Gas Analyzing Systems

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

Customer Date: 08.02.08

Company: _____

Address: _____

Location: _____

Name: _____ Phone: _____

E-mail: _____ Fax.: _____

Project

■ Plant/method/
process: _____

■ Project no.: _____

Measuring components			Measuring gas details				
Components	Measuring range	Unit*	Meas. Gas	min.	normal	max.	Unit*
1.							
2.							
3.							
4.							
5.							
6.							
7.							
*mg/m ³ (stand. state/operation state), ppm, vol%, etc.			Sum**				
			** if sum <100%, N ₂ is assumed				

Plant details

■ Feed gas (e.g. fuel gas):

	min.	normal	max.
■ Operating temperature:	_____ °C	_____ °C	_____ °C
■ Operating pressure:	_____ hPa	_____ hPa	_____ hPa
■ Water dewpoint:	_____ °C	_____ °C	_____ °C
■ Acid dewpoint:	_____ °C	_____ °C	_____ °C
■ Ambient temperature:			
• Sample point	_____ °C	_____ °C	_____ °C
• Sample gas line	_____ °C	_____ °C	_____ °C
• Analyzer/system	_____ °C	_____ °C	_____ °C
■ Relative humidity max. per year:	_____ %	_____ %	_____ %
	Sample point	Sample gas line	Analyzer/system
■ Solid components:	Quantity _____ mg/m ³	Type _____	Granulation _____
■ Corrosive components:	<input type="checkbox"/> no	<input type="checkbox"/> yes, which: _____	

Analyzer/System

■ Analyzer or measuring principle: _____

■ Design: surface-mounting instr. 19" slide-in unit

■ Case purging: no yes N2

■ Power supply: 230 V 115 V _____ V

2 x 230 V 2 x 115 V _____

3 x 230 V 3 x 115 V _____

400 V, 3L, N, PE _____

50 Hz 60 Hz _____ Hz

■ Analog output: 4...20 mA Other _____

■ Digital interfaces: RS 232 Other _____

■ Legislative regulations: 13. BImSchV 17. BImSchV 27. BImSchV

EPA GOST None

Others _____

■ Site of Installation: Outdoor in Ex-Zone

■ Switch cabinet favored: Yes No

Gas sampling

■ Sampling point: _____

■ Mounting location: indoor outdoor

■ Sampling equipment: _____

■ Is sample gas explosive in it's normal condition: no yes

■ Is sample gas explosive with air: no yes

■ Mounting location subject to explosion hazard:

■ Extraction: no yes _____ T _____ II

■ Measuring of gas Pipe: no yes _____ T _____ II

Zone (I, II) Temp-Class Explosion class

■ Aggressiv atmosphere:

• Sample point no yes, components: _____

• Sample gas line no yes, components: _____

• Analyzer/system no yes, components: _____

■ Probe heating: no antifreeze dew point

electric steam

■ Sample gas line: Length: _____ m heated not heated

yes not heated

■ Measuring container required: no yes

■ Condensate drainage available: no yes

■ Return path measuring gas: no

yes, length: _____ m

■ Number of measuring points: _____

■ Measuring point no.: _____

■ Test gases (favored): no yes supplied by customer