Questionnaire for Inline O2 Analyzing Systems

Contact:

Company:		Contact:	
Street:		Telefon:	
Post Code:		Fax:	
City:		Email:	
Country:		Customer-No.:	
Plant type:		Branch:	

Type of Fuel:

☐	Coal	☐	Natural gas	☐	Biomass:
☐	Wood	☐	Waste	☐	Biogas:
☐	Light fuel oil	☐	Heavy fuel oil	☐	Other:

Flue gas conditions / Measuring ranges:

☐	HCl/CL_2		mg/m³	☐	SO_2/SO_3		mg/m³
☐	HF		mg/m³	☐	Heavy metal		µg/m³
☐	CO		mg/m³	☐	NO		mg/m³
☐	O_2		Vol.%	☐	H_2O		Vol.%

Measuring range:	☐	O_2 measuring range 1	from:	% to:	%
	☐	O_2 measuring range 2	from:	% to:	%
	☐	CO_e* measuring range:	from: 0** ppm	to: 1000** ppm	

Combustibles in flue gas?	☐	yes:		☐ no	☐	unknown
Dust concentration:	☐	0 - 1 g/m³	☐	1 - 10 g/m³	☐	> 10 g/m³

* CO_e = total combustibles (CO, C_xH_y, H_2) ** other ranges on request

Electronics Information:

Interface:	☐	HART	☐	RS 232	☐	RS 485	☐	Fieldbus	
Analog output	☐	4…20mA	☐	0…20mA (only possible for OXITEC)					
Mounting place:	☐	Outside	☐	Inside	☐	Control cabinet			
Measuring task :	☐	O_2-reference value	☐	O_2-measurement for regulation	☐	Process control	☐	Safety monitoring	
	☐	Other:							

Protection class:		Standard: IP 66 (other on request)	
Ambient temperature [°C]:		Min: -20°C/-4°F	Max: + 55°C/+131°F (other on request)
Voltage [VAC]:		Min:	Max:

Information for the measuring probe:

	Min	Normal	Max
Flue gas pressure [mbar]:			
Flue gas temperature [unit:]:			
Flow speed [unit:]:			

Diameter of duct [unit:]: _____

Distance probe - electronic [unit:]: _____

Probe mounting place ☐ Outside ☐ Inside
(e.g. before air-preheater) _____

Probe mounting: ☐ horizontal ☐ vertical ☐ slant, angle: _____

Number of measurements: _____ pieces

Probe flange: ☐ existent, Type: _____ ☐ new

Air supply: ☐ instrument air ☐ pump version (optional for OXITEC only)

New installation? ☐ yes ☐ no

replacement for: _____

Hazard area classification:

Probe:	☐	Zone 0	☐ Zone 1	☐	Zone 2	(GasEx)
	☐	Zone 20	☐ Zone 21	☐	Zone 22	(DustEx)
	☐	Safe area	☐ Unknown			
Electronics:	☐	Zone 0/20	☐ Zone 1/21	☐	Zone 2/22	
	☐	Safe area	☐ Unknown			

Other information:

SICOM
Prozess - und Umwelttechnik GmbH
Westbahnstraße 4
A - 4470 Enns
Phone: + 43 (0) 7223 / 81250
Fax: + 43 (0) 7223 / 84786
http: // www.sicom.at
e-mail: office@sicom.at

Registered office: Enns, Austria
Registration no.: FN 127706 d
Commercial court: Steyr, Austria
VAT identification no.:
ATU37547204
DVR: 0500861
Bank account: Sparkasse Oberösterreich
BIC: ASPKAT2L IBAN: AT07 2032 0044 0001 3762
Bank routing code: 20320 Acc. no.: 04400 - 013762