

SHORT QUESTIONNAIRE FOR SELECTION OF STACK FLOW METERS

Customer	
Inquiry no	
Responsible	
Phone	
email	
Final customer	
Country end customer	

PLANT CONDITIONS

	std	avg	max			
Stack Gas temperature				°C		
Stack Gas Pressure				hPa		
Stack Gas water Dew point				°C		
Stack Gas velocity				m/s		
Stack Gas volume				Nm³/h		
Stack Gas quantity				kg/s		kg/h
Standard Gas density				kg/Nm³		
Dust				mg/m³		
Mean dust particle size				µm		
O				mg/m³		
NO ₂				mg/m³		ppm
CO				mg/m³		ppm
O ₂				Vol. %		ppm
HCl				mg/m³		ppm
HF				mg/m³		ppm
Hg				µg/m³		ppm
NH ₃				mg/m³		ppm
Ambient Temperature				°C		
Ambient Pressure				hPa		
Ambient Humidity				%R.H.		

Area classification	Non EX	Ex	Zone Div.	Class
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DUCT FEATURES

Cross section duct	☐ circular	☐ rectangular
Diameter Internal	mm	
Diameter Outer	mm	(without insulation)
Insulation thickness	mm	
Wall thickness	mm	
Uninterrupted flow:		
	Distance before sensor	mm
	Distance after sensor	mm
Stack/Duct Orientation	☐ Horizontal	☐ Vertical
Mounting Location	☐ Indoor	☐ Outdoor
		☐ Weather protection cover required

ELECTRICAL SUPPLY

Voltage V	☐ 115	☐ 230	☐ Other
Frequency Hz	☐ 50	☐ 60	☐ Other
Mains purge air fan	☐ single phase	☐ three phases	