

Dust Monitoring Questionnaire for EXO, S100-, S200- and S300- Series

General Information

Company name:		Date:	
Person name:		RFQ-No.:	
Project name:		No. of Devices:	
End customer name:		End customer country:	
Industry:		Process:	

Specification of measurement position

Hazardous area classification inside the duct:	<input type="checkbox"/> Non-Ex	Zone:		Class:		Division:	
Hazardous area classification ambient:	<input type="checkbox"/> Non-Ex	Zone:		Class:		Division:	

Measurement certification:	<input type="checkbox"/> QAL1 EN15267	<input type="checkbox"/> QAL1 EN15859	<input type="checkbox"/> Other:	
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Location:	<input type="checkbox"/> Indoor	<input type="checkbox"/> Outdoor	<input type="checkbox"/> Horizontal duct	<input type="checkbox"/> Vertical duct
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Duct cross section:	<input type="checkbox"/> Circular	<input type="checkbox"/> Rectangular
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Type of the last filter used upstream from the measurement

<input type="checkbox"/> Bag house	<input type="checkbox"/> Wet scrubber	<input type="checkbox"/> Cyclone	<input type="checkbox"/> Other:	
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<input type="checkbox"/> Electrostatic precipitator ESP	If ESP, distance to measurement:	
	Blower between ESP and measurement:	<input type="checkbox"/> Yes / <input type="checkbox"/> No

Power and air supply

Instrument supply voltage:	<input type="checkbox"/> 24 VDC	<input type="checkbox"/> 230 VAC/50 Hz	<input type="checkbox"/> 115 VAC / 60 Hz
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For EXO recommended:	<input type="checkbox"/> 400 V / 3-phase / 50 Hz
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Clean, oil free instrument air available:	<input type="checkbox"/> Yes / <input type="checkbox"/> No
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Dust Conditions

Combustion process:	<input type="checkbox"/> Yes / <input type="checkbox"/> No	If Combustion, what Fuel:	
Dust material:		Particle size distribution:	

Dust properties:	<input type="checkbox"/> Abrasive	<input type="checkbox"/> Conductive	<input type="checkbox"/> Adhesive (sticky)
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Ambient- and Process Conditions

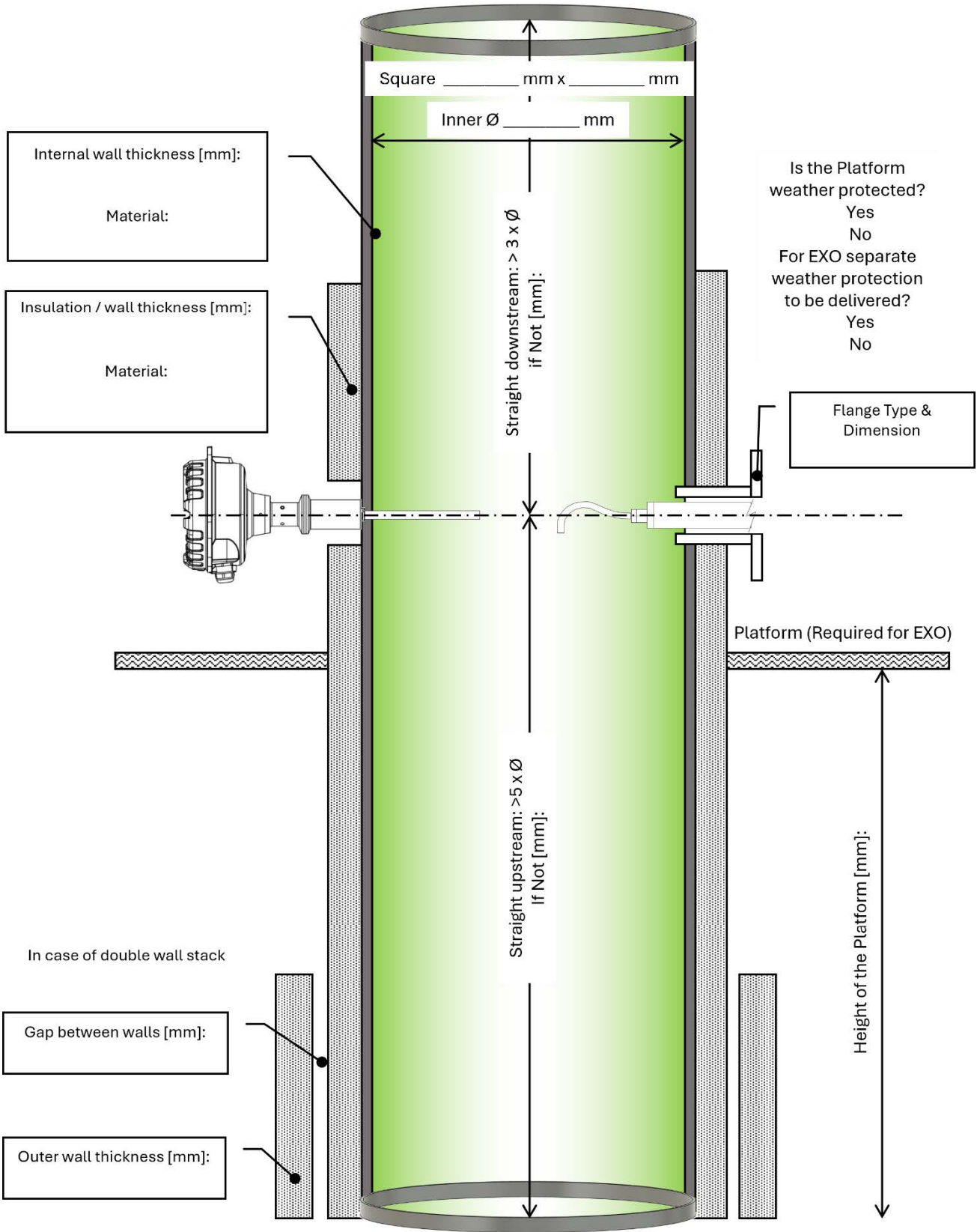
	Min.	Nominal	Max.		
Ambient Temperature:				<input type="checkbox"/> °C	<input type="checkbox"/> °F
Process Temperature:				<input type="checkbox"/> °C	<input type="checkbox"/> °F
Process Pressure:				<input type="checkbox"/> hPa	<input type="checkbox"/> mm H ₂ O
Dust Concentration:				<input type="checkbox"/> mg / Nm ³	
Gas velocity:				<input type="checkbox"/> m/s	
Gas composition:					

Is there any mist or droplets in the gas:	<input type="checkbox"/> Yes / <input type="checkbox"/> No
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How often is the temperature below dew point:	<input type="checkbox"/> Never	<input type="checkbox"/> Weekly	<input type="checkbox"/> Daily	<input type="checkbox"/> Always
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	Min.	Nominal	Max.		
Water content in the gas:				<input type="checkbox"/> % Vol.	<input type="checkbox"/> g / m ³
Water dew point:				<input type="checkbox"/> °C	<input type="checkbox"/> °F
Acid dew point:				<input type="checkbox"/> °C	<input type="checkbox"/> °F
Volume flow:				<input type="checkbox"/> Nm ³ / h	<input type="checkbox"/> m ³ / h
Mass flow:				<input type="checkbox"/> kg / h	

Stack / Duct Details



Manufacturer's Review and Approval

Name and date:	
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