Instrumatic EMI A/S
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APPLICATION QUESTIONNAIRE FOR STACK GAS DILUTION PROBE

To assist us in customizing the most suitable system for your specific needs, we kindly request that you complete our application questionnaire. If you have any uncertainties or inquiries, please feel free to reach out to us.

Your cooperation is greatly appreciated.

Process specifications:

Process type_____

Temperature at sampling point. Max. _____ °C Typ. _____°C

Pressure at sampling point. Max. _____ mBar Min. _____ mBar

Water contents at sampling point Max. _____ vol. % H2O

Dust load at sampling point. Max. _____ mg/Nm^3

Stack gas flow at sampling point. Max. _____ m/sec.

Stack gas is very corrosive caused by: _____

Cement-like build up caused by: _____

Droplets in stack: _____

Stack / Duct / Chimney specifications:

Stack / Duct Diameter _____ mm.

Stack / Duct is [ ] Vertical [ ] Horizontal

Flow direction in stack [ ] From below [ ] From above [ ] From left [ ] From right

Sample line specifications:

Distance from sampling point to monitor _____ Meters.

Lowest ambient temperature sampling line must pass _____ °C

Above application data to be provided by customer

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Probe location:

Probe is located [ ] Indoors [ ] Outdoors

Ambient temperature Max. _____°C Min. _____ °C

Location of analyzers / sensors:

Analyzer are located [ ] Indoors [ ] Outdoors

Ambient temperature Max. _____°C Min. _____°C

Instrument air specifications:

Dew point temperature _____°C Oil content _____ mg/Nm^3

Pressure _____ Bar. *(not less than 6 Bar is recommended)*

Electrical specifications:

[ ] 115 V AC [ ]24V DC

[ ] 230 V AC

Gasses of interest and analyzer specifications:

Gas of interest	Analyzer / sensor ranges
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Above specifications is informed by:

Company: _____ Date:_____

Name: _____ [ ] Ms. [ ] Mr.

Comments: