

Environmental Monitoring Questionnaire

Customer / Project

Company : _____

Project: _____

Plant Type: _____

Instrument Details

Instrument supply voltage	<input type="checkbox"/> 230 V/50 Hz	<input type="checkbox"/> 115V/60 Hz	<input type="checkbox"/> Other
	<input type="checkbox"/> 1-phase	<input type="checkbox"/> 2-phase	
Purge Air Fan (if required)	<input type="checkbox"/> 115/230 V 50/60 Hz	<input type="checkbox"/> 3-phase 230/400 V@50 Hz, 245/430@60 Hz	
	<input type="checkbox"/> Other	<input type="checkbox"/> 1-phase	<input type="checkbox"/> 2-phase

Measured Components

Dust Concentration*	Measuring range 0...	<input type="text"/>	mg/m3
	Max. emission value	<input type="text"/>	mg/m3 acc to authority & regulations Emission Limit Value (ELV)

Standard Plant Conditions

	min.	avg.	max	unit
Ambient Temperature	<input type="text"/>	<input type="text"/>	<input type="text"/>	°C
Stack Gas Temperature	<input type="text"/>	<input type="text"/>	<input type="text"/>	°C
Stack Gas Pressure	<input type="text"/>	<input type="text"/>	<input type="text"/>	mbar
Moisture	<input type="text"/>	<input type="text"/>	<input type="text"/>	Vol %
Stack Gas Velocity	<input type="text"/>	<input type="text"/>	<input type="text"/>	m/s
Dust	<input type="text"/>	<input type="text"/>	<input type="text"/>	mg/m3
SO2	<input type="text"/>	<input type="text"/>	<input type="text"/>	mg/m3
Nox	<input type="text"/>	<input type="text"/>	<input type="text"/>	mg/m3
CO	<input type="text"/>	<input type="text"/>	<input type="text"/>	mg/m3
CO2	<input type="text"/>	<input type="text"/>	<input type="text"/>	mg/m3
HCl	<input type="text"/>	<input type="text"/>	<input type="text"/>	mg/m3
HF	<input type="text"/>	<input type="text"/>	<input type="text"/>	mg/m3
Hg	<input type="text"/>	<input type="text"/>	<input type="text"/>	mg/m3
NH3	<input type="text"/>	<input type="text"/>	<input type="text"/>	mg/m3

Type of Filters Installed Upstream of the Sample Point

Electrostatic Precipitator (ESP) Bag House Wet Scrubber Other

Area Classification

Non-Ex Zone Class Devision

Occurances of Temperature below Dew Point

None Weekly Daily

Environmental Monitoring Questionnaire

Stack / Duct Details

Stack / Duct Orientation Indoor Outdoor Weather protection cover
 Horizontal Vertical

Flange Required Yes
 No

Stack / Duct Material

- carbon (mild) steel
- stainless steel
- brick
- concrete
- FRP
- other

Required Flange Material

- carbon (mild) steel
- stainless steel
- other

Stack / Duct Shape

- circular
- rectangular*

Internal stack / duct diameter

mm
 depth*

ID

Stack wall thickness

mm

External diameter

mm

Double walled stack

- Yes
- No

mm

* space between walls

Additional Information

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Environmental Monitoring Questionnaire

Additional Services

Cold Commissioning	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Hot Commissioning	<input type="checkbox"/> Yes	<input type="checkbox"/>
Service, Function & Linearity Checks	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Linearity Tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No
QAL2 Tests to BS EN 14181	<input type="checkbox"/> Yes	<input type="checkbox"/> No
AST Tests to BS EN 14181	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Three Point Pre QAL2 Tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Product Training	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Additional Comments to this project