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APPLICATION QUESTIONNAIRE FOR CONTINUOUS EMISSION MONITORING (CEM) SYSTEM

This document must be filled out as completely as possible to allow our engineering department to choose the best installation hardware for your particular requirement. [ ] - areas must be filled in! Writer's name: Date:

I. CUSTOMER INFORMATION

Company: _____

Name: _____

Title: _____

Address: _____

Tel: _____ Fax: _____

II. APPLICATION

Location: _____

Name of Facility / Plant: _____

Producing Area: _____

Fuel: _____

Calculated Results: [ ]

Type of Process: [ ]

III. ENVIRONMENTAL CONDITIONS

Temperature: Max [ ] Min: [ ]

Humidity: _____ % RH

Environment: Dust ☐ Corrosive ☐ Libration ☐ Explosion Proof Area ☐

IV. STACK / DUCT PARAMETERS

A. Components of the Gas Stream

Component	Min.	Typ.	Max.	Units in ppm (mg/m3, %)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Water vapor	_____	_____	[ ]	ppm, dew point, %
Opacity	_____	_____	_____	%
Dust concentration	_____	_____	[ ]	mg/m3

Pressure	☐	_____	☐	mbar, hPa, mmHg
Temperature	_____	_____	☐	°C
Gas Velocity	_____	_____	_____	m/sec
Gas Flow	_____	_____	_____	m3/h

B. Components to be measured / monitored

Component	Min.	Typ.	Max.	Full scale	Units
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

C. Sampling Point Location

Stack ☐ Duct ☐ Indoor ☐ Outdoor ☐

Elevation _____m Ambient temperature _____ °C

Accessibility (describe):

V. ANALYSER LOCATION AND UTILITIES

A. Analyser

Indoor ☐ Outdoor ☐ Platform ☐ Elevation _____ m

Ambient temperature _____ °C

Accessibility (describe):

VI. DATA REPORTING

A. Display ☐ B. Printer ☐ C. RS232, 4-20mA or 0-10V output ☐

VII. NOTES / COMMENTS: