#### **CEMS INFORMATION APPLICATION SHEET**

The information supplied on this sheet is used by us to verify that the equipment is suitable for the Customer's application. The information provided should be correct and as complete as possible. Please circle the relevant options and fill in the blank spaces. We do not assume any responsibility in the event of errors in this information. Any errors omissions or changes should be reported to us as soon as possible.

Any errors omissions or ch			•				,		
1. CUSTOMER INFORM	ATION								
Company									
Address									
Contact									
Phone									
Email									
		-							
2. SHIPPING INFORMA	<u>TION</u>								
Company									
Address									
Specify Packing if requi	red								
Req. Delivery Date									
Shipping Method									
3. INDUSTRY SECTOR									
PHARMACEUTICAL	INCIN	ERATOR	CEMENT		WATER		CHEMICAL	OIL	
PETROCHEMICAL	F00/	DRINK	FERTILISE	:R	NUCLEAR		POWER	AUTHO	RITY
CAR MANUFAC. GAS		GLASS			MINERAL		PAPER PULP	RESEA	RCH
STEEL	OTHE	R:							
4. FUEL									
Fuel Type									
т ист турс									
5. STACKS TO MONITO	<u>OR</u>								
Number of Stacks:				Numbe	er of Gas Probes at	Each Stac	k:		
6. STACK GAS COMPOS			•						
GASES	UN	NITS	LOW		NORM	1AL	HIGH	NEED TO N	MEASURE
								YES	NO
								YES	NO
								YES	NO
								YES	NO
								YES	NO
								YES	NO
								YES	NO
								YES	NO
								YES	NO
								YES	NO
								YES	NO

IMPORTANT: indicate any corrosive / reactive gases in the stream, Sample cooler/type and material type varies respect to gas composition For multi-satcks monitoring, fill section #5 and #6 for each stack (Reprint as required)

YES

YES

YES

YES

YES

YES

YES

NO

NO

NO

NO

NO

NO

## 7. STACK SPECIFICATION AT PROBE LOCATION

ITEMS	UNITS	LOW	NORMAL	HIGH
Stack H2O				
Stack static pressure				
Stack gas temperature				
Stack gas velocity				
Stack gas dew point				
Stack dust loading				
Stack ID				
Stack OD				
Height of probe location to the ground				
Location of probe in the plant process				
Type of filteration/APC devices				
Type of insulation material on the Stack				
Stack material				
Stack/Duct vibration at the probe location				

## **8. CEMS INFORMATION**

8. CLIVIS INFORMATION					
Area Classification (safe or explosive area; provide class)					
Indicate for each CEMS component location					
CEMS Analyzer Enclosure Location					
Indicate if there is any limit in the space					
Required CEMS Analyzer Enclosure Type/Ratings		NO PREFERE	NCE		
Is CEMS Shelter required?	YES	NO			
Available instrument air specs					
Is UPS avaliable for CEMS equipments?	YES	NO			
Available site voltage rating					
Is New installation or Replacement CEMS system?	REPLACEMENT	NEW			
	If REPLACEMENT please	If REPLACEMENT please provide specs of the existing system			

### 9. ANALYZER INFORMATION

5. AIVALIZER INI ORIVIATION			
Is O2 to be measured?	YES	NO	
Is Moisture to be measured?	YES	NO	
Is USA EPA compliance software (DAS) required?	YES	NO	
Single or Multi gas component analyzer prefered?	SINGLE	MULTI	NO PREFERENCE
Single or Dual range analyzer prefered?	SINGLE	DUAL	NO PREFERENCE
Is specific make/model analyzer required?	YES	NO <i>If yes pl</i>	ease provide details
Required Analyzer Analysis Methods (IR, UV, CLD, etc)			NO PREFERENCE
CEMS PLC Modbus TCP/IP	YES	NO	NO PREFERENCE
List of required analog/digital I/O's			

# 10. CALIBRATION INFORMATION

Daily zero/span calibration	AUTO MANUAL	BOTH	NO PREFERENCE
System calibration (through the probe)	YES	NO	NO PREFERENCE
Cal gas cylinder/regulator provider	CUSTOMER	CEMTREX	

## **11. CEMS SAMPLING TYPE**

STRAIGHT EXTRACTIVE	DIL. EXTRACTIVE	MULTIPLEX SYS.	HOT/WET	NO PREFERENCE
IN-SITU OTH	ER:			

12. PROBE TUBE MAT	ERIAL						
SS OTHER:	HASTELLOY	PVDF	PTFE	CI	ERAMIC	HEATED	NO PREFERNCE
13. FLANGE SIZES (AN	SI 150 LBS)						
2" NO PREFERENCE OTHER:	2,1/2"	3" Flange Orientation:	3,1/2"	4"	5"	6"	8"
14. PROBE							
BLOWBACK SS CHAMBER OPTIONAL		CLOSURE ELLOY CHAMBER	FIBERGLASS E 0,1 um CERAN		CHAMBER HE 1 um CERAM		ENCLOSURE HEATER 2 um CERAMIC FILTER NO PREFERENCE
15. SAMPLE LINE INFO	<u>ORMATION</u>						
HEATED Quantity / Length (ft):		HEATED	FREEZE PROT	ECTION	SELF R	EGULATED	NO PREFERENCE
Note: Sample line typ	es are applic	ation specific and vo	aries respect to so	ample extract	tion type		
16. OPTIONAL							
FACTORY ACCEPT			JP/COMMISSIONIN	IG			
# of days for Start-up	& commissio	ning:					
17. INSTALLATION SIT	F AMRIENT (	CONDITIONS					
ITEMS	L ANDIENT	<u>condition</u>	UNITS	LOW	/	NORMAL	HIGH
Ambient Temperature	<u> </u>						
Ambient Relative Hum							
Wind Speed	naicy						
Altitude							
Attitude							
1, . ADD ANY OTHER THE DESIGN AND SU STACK OR DUCT LO	JPPLY OF T	HE CEM SYSTEM (I					
		,					
Signature of the Comp	oiler:						
Name of the Complile	r:						
·						_	
Position:						Date	e: