QUESTIONNAIRE

CTP-AIRPOLLUTIONCONTROL.COM

Contact Information

Company		Industry		E-Mail	
Address		Contact person		Tel	
Country		Position		Fax	
Project name					

Technical Information

Production process: _____

Emission source: _____

Operation mode of production: ☐ Single-/ ☐ Double-/ ☐ Three shift operation ☐ Trial operation

Operating hours: daily/ weekly / yearly: _____/_____/_____

Weekend-shutdown: ☐ Yes ☐ No ☐ Continuous operation ☐ Batch operation

	Min	Normal	Max	Unit
Total flow rate ☐ humid ☐ dry				☐ Nm³/h ☐ m³/h ☐ kg/h Nm³/h are at 0°C and 1013mbar (a)
Waste gas temperature				°C
Waste gas humidity Relative humidity				At temperatures min/normal/max ☐ %rel.
or absolute humidity				☐ g/Nm³ ☐ Vol% ☐ kg/kg_{tr}
O_2 - content				☐ g/Nm³ ☐ Vol% ☐ ppm
CO_2 - content				☐ g/Nm³ ☐ Vol% ☐ ppm
Pressure at transfer point $^{(+)}/_{(-)}$				☐ Pa ☐ mbar ☐ mmWG

Pollutants

	Min	Normal	Max	Unit
Gaseous organic contaminants[1]				
				☐ mg/Nm³ ☐ kg/h ☐ ppm
				☐ mg/Nm³ ☐ kg/h ☐ ppm
				☐ mg/Nm³ ☐ kg/h ☐ ppm
Gaseous inorganic contaminants[2]				
				☐ mg/Nm³ ☐ kg/h ☐ ppm
				☐ mg/Nm³ ☐ kg/h ☐ ppm
				☐ mg/Nm³ ☐ kg/h ☐ ppm
Organic dust				
				☐ mg/Nm³ ☐ kg/h ☐ ppm
				☐ mg/Nm³ ☐ kg/h ☐ ppm
Inorganic dust				
				☐ mg/Nm³ ☐ kg/h ☐ ppm
				☐ mg/Nm³ ☐ kg/h ☐ ppm
Others				
Aerosols				☐ mg/Nm³ ☐ kg/h ☐ ppm
				☐ mg/Nm³ ☐ kg/h ☐ ppm
				☐ mg/Nm3 ☐ kg/h ☐ ppm
				☐ mg/Nm3 ☐ kg/h ☐ ppm

[1] Please fill in the specific substances or TOC, VOC, solvents, silicium organic compounds etc.

[2] for example: CO, NO_x, N_2O, SO_x, Halides, Dioxins, Furans, Alkali metals, etc..

Chemisch Thermische Prozesstechnik GmbH
8042 Graz, Österreich, Schmiedlstrasse 10

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Required emission limits/ Regulations

TOC		Others	
CO			
NO_x			

Sound pressure _____ dB(A) in _____ m distance
Altitude of the system _____above sea level
Ambient temperature _____ °C

Norms, Standards, special regulations and requirements**:**
_____

Energy supply

Heating energy: ☐ gas ☐ propane ☐ oil ☐ electrical energy ☐ others _____
Power supply: _____ Volt /Hertz
Energy costs: gas: _____ Euro/kWh propane: _____ Euro/kWh oil: _____ Euro/kWh
electrical energy: _____ Euro/kWh others: _____ Euro/kWh

Energy recovery/ Heat requirement

☐ Warm water	(Flow/Return flow ___°C/___°C)	Capacity: _____kW
☐ Thermal oil	(Flow/Return flow ___°C/___°C)	Capacity: _____kW
☐ Saturated steam	(___ bar ___ kg/h)	Capacity: _____kW

Details of installation

Installation ☐ outside ☐ inside ☐ vertical ☐ horizontal
Area subject to explosion hazards: ☐ without ☐ Zone 2 ☐ Zone 1 ☐ Zone 0
Available space: Length _____m Width _____m Height _____m
☐ no space limitations

Commercial Information

Budget: _____ Euro
Offer by: _____ Awarded by: _____
Delivery by: _____ Commissioning by: _____

Notes: _____

Additional Information (if available)

Flow sheet
Layout
Measurements
Current status of air pollution control system

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