

Basic data gathering for planning an exhaust air purification system

Index-Nr.

FO-F02.003

EISENMANN
Environmental Technology
Member of Deuretech Group

Your data help us develop a concept that already meets your requirements to a large extent and that can be used as a basis for concrete talks on site. We thank you in advance for your efforts that are in your interest as well.

Company	
Contact person	
Telephone	
Email	
Street / P.O. Box	
ZIP / Town / Country	

Deadlines

Submission of quotation:	Start of production:	Comments

General Data

Designation of project			
Location		Altitude a.s.l.	
Which process produces the exhaust air? → brief description:			
Comments / Scope of delivery / Planned process → brief description:			
Production operating mode	☐ one / ☐ two / ☐ three shifts		
Shutdown at weekends?	☐ yes / ☐ no		
Operating hours	Per day:	Per week:	Per Year:
Exhaust air flowrate [Nm³/h]	Minimum:	Nominal:	Maximum:
Exhaust air temperature [°C]	Minimum:	Nominal:	Maximum:

Type of pollutants and composition

Substance	Percentage share	Concentration [g/m³]	Load [kg/h]

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Calorific value of pollutants	Hu = kJ/kg	Exhaust air humidity	% r.h. (relative)
Other pollutants	☐ Sulphur	☐ Phosphorus	☐ Silicones
	☐ Chlorides	☐ Halogenides	☐ Heavy metals
	☐ Dust	☐ Aerosols	☐ Fibers
	☐ Paint particles	☐ etc.	
Percentage share	% by weight		

Exhaust heat system

Preferred heat recovery	☐ Hot water	☐ Thermal oil	
	☐ Steam	☐ Fresh air	
Thermal capacity [kW]	Minimum:	Nominal:	Maximum:
Temperature [°C]	Feed:	Return:	

Supplementary fuel / media

Gas	Admission pressure	Lower calorific value
☐ Natural gas ☐ Propane	bar	kJ/Nm³
Heating oil – lower calorific value	Compressed air – admission pressure	
kJ/kg	bar	
Electricity – operating voltage	Electricity – control voltage	Electricity – frequency
V	V	Hz

Possible installation site for the plant

Location	Surface	Height
☐ Outdoor ☐ In a hall	x m	m

Special requirements to be met

Stack height in m	Clean gas values: C	Clean gas values: CO	Clean gas values: NOx
	mg/Nm³	mg/Nm³	mg/Nm³
Noise	dB(A) in a distance of m		
Ex- regulations:			
Construction regulations:			
Other regulations:			
DIN EN ISO 14001	☐ Not relevant	☐ Manufacturing according to 14001	
WHG	☐ Not relevant	☐ Relevant	

Operating costs

Gas	Heating oil	Compressed air	Electricity
EUR/Nm³	EUR/kg	EUR/m³	EUR/kWh