

Client:
Contact person:
Address / phone / fax:
Date:
Aim of client:

1.) GENERAL INFORMATION:				
level above sea [m]	ambient temperature [°C]		humidity of air [%]	
	mean	maximum	mean	maximum

- 2.) DRAWINGS:**
- general drawing existing installation
 - general drawing exiting civil structure
 - plant section flow sheet

3.) ADDITIONAL INFORMATION:
 hardcopies (prints) of control room displays under normal operating conditions

4.) CLINKER:

To calculate the separation efficiency a detailed particle size distribution (e. g. laser granulometry) is needed. Values only for e. g. 90 µm and 200 µm sieve are not sufficient! - If not available, please send a representative dust sample of approx. 50g. (If it is not possible to take a representative sample, A TEC will take a typical reference curve for calculation and submit this with the offer!)

material density (20 °C):	[kg/m ³]		
bulk density (20 °C):	[kg/m ³]		
material quantity (typical):	[kg/h]	respectively dust load:	[g/Am ³]
material quantity (upset):	[kg/h]	respectively dust load:	[g/Am ³]

Clinker Cooler Waste Air Dedusting Datasheet



5.) AIR: at position where HURRICLON[®] will be placed (e. g. entrance of existing multi-cyclone)

	typical		upset	
	actual	future	actual	future
temperature [°C]:				
static pressure [- Pa]:				
flow [Am ³ /h]:				

6.) WASTE AIR FAN: fan curve for actual conditions!

	pressure [Pa]	temperature [°C]	volume [Am ³ /h]	speed [rpm]	power [kW]
design					
actual					

7.) EXISTING: (e. g. multi-cyclone [pressure drop], etc.)

8.) REMARKS: (e. g. allowed pressure drop, etc.)

"Am³" stands for "actual cubic meter" = gas volume under actual plant/process conditions

"Nm³" stands for "normal cubic meter" = gas volume under standardized pressure and temperature conditions (273,15 K; 101.325 Pa)