

Name of the BREF plant

Year of reference:		
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Type of Plant (Annex 1):
Type of Material (Annex 1.):

I. BASE OF DATA

Location
Operator
Contractor/Licensee
Management
Plant operating since
Area connected to plant
Approved Capacity (mt/a)
Input Material mt/a (Municipal solid waste, fuels, auxiliary material)
<i>cp. Annex 3 Input Sheet</i>

II. TECHNICAL DATA

Delivery / Technical Equipment	
Entrance area	
Intermediate storage	
Treatment	
Steps of Pre-treatment	
1.	
2.	
3.	
4.	
Steps of Main-treatment	
1.	
2.	
3.	
4.	
Steps of After-treatment	
1.	
2.	
3.	
4.	
Energy Consumption: (alternative: installed Power + operating hours of the year)	
Amount of waste treated	mt
<i>(For the calculation of the specific energy demand (MWh/mt))</i>	
Required Energy (MWh/a)	
Electricity	Heat
<i>cp. Annex 3 Input Sheet</i>	
Water demand (m ³ /a)	
<i>cp. Annex 3 Input- Sheet</i>	

III. WASTE GAS CLEANING

Lines	
Quantity of waste gas per line	m ³ /a (m ³ /h)
	m ³ /a
Technical Components	<i>cp. Annex 2</i>
Emissions to air	<i>cp. Annex 2</i>

IV. WASTE WATER TREATMENT AND DISCHARGE

Average Discharge	<i>cp. Annex 2</i>
Quantity	m ³ /a
Direct / Indirect discharge	
Internal waste water treatment	<i>cp. Annex 2</i>

V. NOISE EMISSION / IMMISSION

Distance of the plant to the Location of Immission	m (as technical approval)
Acoustic pressure level – day:	dB(A)
Acoustic pressure level – night:	dB(A)

VI. PRODUCTS, PRODUCED ENERGY

Name of the products	
Amount of products	mt/a
Generated Electricity	MWh/a
Generated Heat	MWh/a

VII. RESIDUES GENERATED BY PROCESS (SPECIFYING EACH RESIDUE)

Amount of residues	mt/a
1.	
2.	
3.	
4.	
5.	

VIII. COSTS

Capital expenditure incl. planning	Million €
Specific treatment expenses	€/t

IX. FLOWSHEET OF THE PLANTS

Please attach

X. MASS BALANCE

(YEAR OF REFERENCE:)

Input	Output
Sum:	Sum:

TYPE OF PLANT

1. Production of fuel from non hazardous waste
2. Production of fuel from hazardous waste
3. Mechanical/biological treatment of non hazardous waste
4. Others (*please specify*)

TYPE OF MATERIAL

1. Solid recovered fuel from non hazardous municipal solid waste
2. Solid recovered fuel from non hazardous production scrap
3. Solid recovered fuel from hazardous waste
4. Others (*please specify*)

PLEASE MENTION THE FOLLOWING TABLE WHICH TYPES OF FLUE GAS CLEANING SYSTEM ARE USED

Type of system in use	Abatement efficiency	Basis of the efficiency (e.g. Dust, Dioxine, NOx, SO ₂ , HCl)	Remarks
A1	Dry electrostatic precipitator	(-) Dust	
A2	Wet electrostatic precipitator	Dust	
A3	Cyclone	Dust	
A4	Quench		
A5	Bag filter	Dust	
A6	Bag house filter with active carbon injection		
A7	Acidic wet scrubber		
A8	Alkalic wet scrubber		
A9	Additional scrubber system		
A10	Dry scrubber with lime injection		
A11	Selective non catalytic reduction (SNCR)	NOx	
A12	Selective catalytic reduction for NOx (SCR)	NOx	
A13	Selective catalytic reduction for NOx and Dioxins		
A14	Active carbon filter (steady state)		
A15	VOC incinerator	VOC	
A16	Bio filter		
A17			
A18			

Air emissions		Types of measurements *)			
Parameter	(C, D, IM, E)	Concentration (averaging time period)	Unit	Load	Unit
Dust			mg/Nm ³		kg/a
Odours					
Noise					
"N" means „Normal conditions (0°C und 1013,25 hPa=1 atm)“					
*) C = continuous, D = discontinuous, IM = Indirect measurement, E = estimated					
WASTE WATER TREATMENT PLANT (WWTP)					
		Yes	No		
Is your installation generating waste water?					
The waste water generated by your installation is treated in an on site WWTP?					
Overall efficiency			%	TOC	
Overall efficiency of other parameters (e.g. CSB, averaged)			%		

