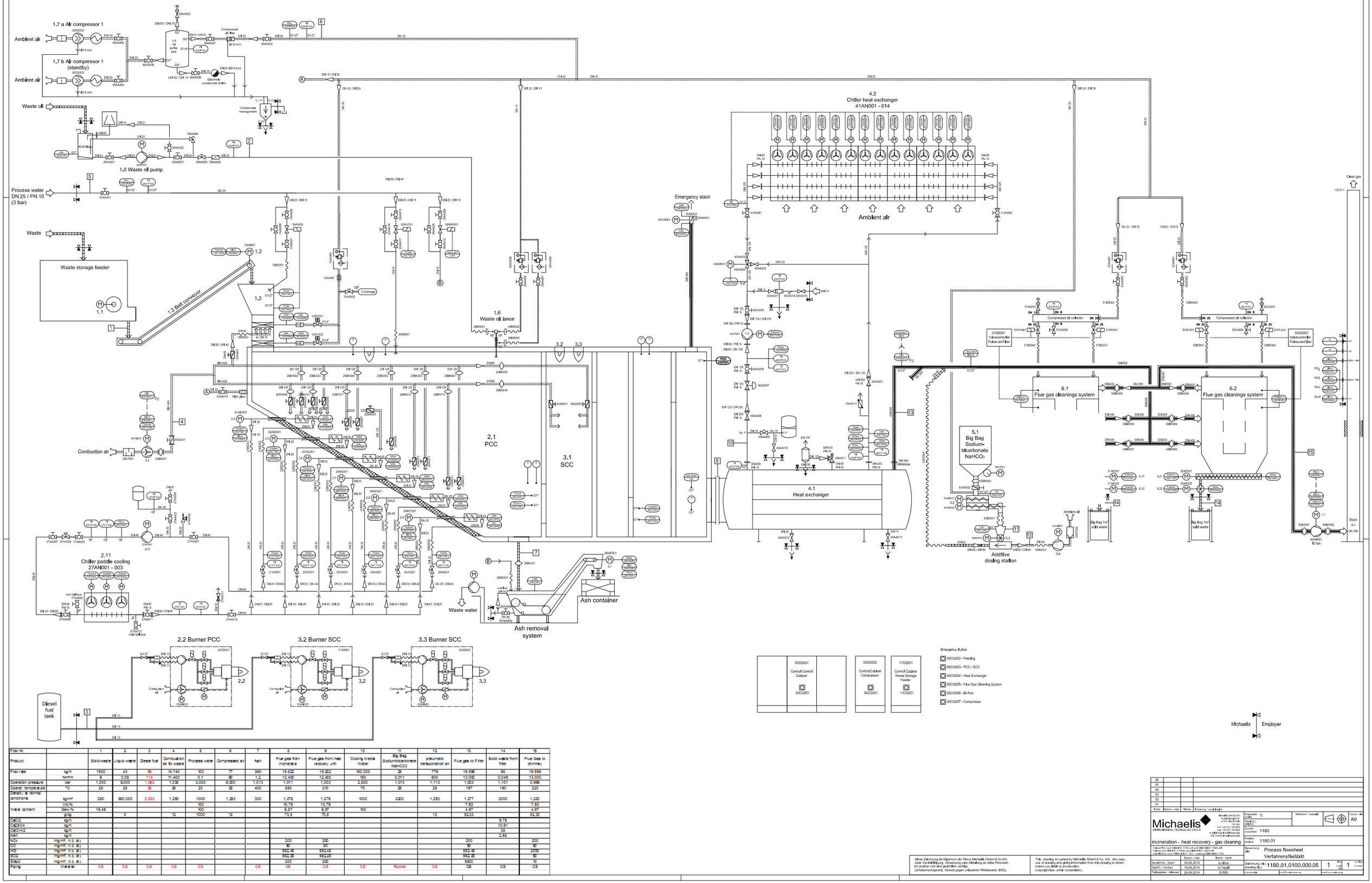
Identification number	1.1	1.2	1.3	1.4	1.5	1.6	1.7a/b	1.8	2.1	2.2	2.3	2.4 - 2.9	2.10	2.11	2.12	3.1	3.2 +3.3	4.1	4.2	4.3	4.4	5.1	5.2	5.3	5.4	6.1 + 6.2	6.11 - 6.21	6.12 - 6.22	7.1	8.1
Denomination	Waste storage feeder	Belt conveyor	Hopper	Waste oil tank	Waste oil pump	Waste oil lance	Compressors	Compressed air tank	Primary combustion chamber	Burner unit	Combustion air fan	Rotation movers	Ash extraction	Chiller paddle cooling	Cooling water pump	Secondary combustion chamber	Burner unit	Heat exchanger	Chiller heat exchanger	Recirculation pump for cooling media water	Scoot blower heat exchanger	Additiv-Station for sodium-bicarbonate $NaHCO_3$	Micro-batch feeder Additiv Station	Rotary valve Additiv Station	Compressor for pneumatic transport air	Ceramic filter	Screw conveyor	Rotary valve	Exhaust gas fan	Stack
Technical data	volume = 40m³ flow rate max. 150m³/h	1.5 t/h	volume = 1.2 m³	by client	flow: max. 1260 l/h		flow: 150 m³/h	Volume: 0.5 m³	Volume: 20m³ T = 600 - 1200 °C	180 - 1180 kW	flow: 13500 m³/h P_D = 380 daPa		0,5 t/h at 0,4 t/m³	350 kW liquid flow: 10,19 m³/h vol of tubes: 90,5 l ΔP = 0,49 bar	flow: max. 13 m³/h	Volume: 30m³ T = 600 - 1200 °C	180 - 1180 kW 2900 rpm	3400 kW Liquid flow max. 165 m³/h Gas: ΔP = max. 10 mbar	3400 kW liquid flow: 157,99 m³/h vol of tubes: 548,9 l ΔP = 0,52 bar	flow max. 240 m³/h	0,9 Nm³/sec blowing cycle time: 50 sec amount of air for blowing cycle: 40Nm³	25 kg/h	max. 190 l/h at 0,3-05 kg/ dm³ dosing spiral Motor: 0,55 kW, 35 rpm	max. 2.4 m³/h at 80% filling Motor: 0,37 kW, 10 rpm	Flow: 210 m³/h ΔP = max. 290 daPa Motor: 1,5 kW, 2870 rpm	surface: 148 m² velocity: 105 m³/m²/h ΔPmax.= 250 daPa Compressed air: 30 Nm³/h,	0,5 m³/h Motor: 2,2 kW, 1425/14 rpm	0,5 m³/h Motor: 1,5 kW, 1430/22 rpm	210 °C ΔP= 450 daPa Motor: 45 kW, 2960 rpm	28.000 m³/h Diameter: 500/600mm Height: 22500 mm
Max. perm. working pressure in bars	Black box 10,0 kW, 31-99 rpm	Motor: 7,5 kW, 57 rpm	pneumatic cylinders		Motor: 0,75 kW		Motor: 15 kW, 3600 rpm		9,75	1,063							Motor: 1,5 kW, 2900 rpm			Motor: 15 kW, 2935 rpm	Motor: 0,18 kW	hopper motor: 0,10 kW, 3000 rpm	homogenizing spiral Motor: 0,25 kW, 35 rpm				1,113				
Max. perm. working temperature in °C	40	40					46	80	1200	1200		40		90	90		1200	850	110	120	450				80 °C	300 °C	250 °C	250 °C	300 °C	250°C
Material	CS	galvanized steel	casing: CS lining:stainless steel		casing: cast iron			galvanized steel	casing: CS lining: mineral fibre lining: concrete	CS	CS	casing: cast iron	CS	tubes: Cu housing/galv. Steel fins: Al	impeller: stainless steel housing: cast iron shaft: stainless steel	casing: CS lining: mineral fibre lining: concrete	CS	CS	tubes: Cu housing/galv. Steel fins: Al	impeller: cast iron housing: cast iron shaft: stainless steel	housing: cast iron	CS		impeller: CS housing: cast iron	CS	Filter element: ceramic Filter casing: CS 630 filter elements per filter	CS	CS	CS	inside liner: stainless steel outside liner: CS
Note	weight: 4700 kg	weight: 2100 kg	weight: 1250 kg		weight: 15 kg	weight: kg	weight: 440 kg	weight: 110 kg	weight: 29000 kg	weight: 53 kg	weight: 420 kg	weight: 165 kg	operating weight: 5060 kg	3 axial fans operating weight: 880 kg	operating weight: 12000 kg	14 axial fans operating weight: 4350 kg	weight: 53 kg	operating weight: 12000 kg	weight: 36000 kg	weight: 165 kg	weight: 65 kg	weight: 900 kg	weight: 30 kg	weight: 55 kg	weight: 32 kg	weight: 8800 kg	weight: 410 kg	weight: 190 kg	weight: 880 kg	weight: 5500 kg



Flow Nr.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Product		Solid waste	Liquid waste	Diesel fuel	Combustion air for waste	Process water	Compressed air	Ash	Flue gas from incineration	Flue gas from heat recovery unit	Cooling Media Water	Big Bag Sodiumbicarbonate $NaHCO_3$	pneumatic transportation air	Flue gas to Filter	Solid waste from filter	Flue Gas to chimney
Flow rate	kg/h	1500	43	95	14.740	100	77	360	15.822	15.822	150.000	25	776	16.598	98	16.598
	Nm³/h	6	0,05	114	11.400	0,1	60	1,2	12.400	12.400	150	0,011	600	13.000	0,049	13.000
Operation pressure	bar	1,000	6,000	1,063	1,038	3,000	6,000	1,013	1,011	1,003	2,500	1,013	1,113	1,003	1,101	0,999
Operat. temperature	°C	25	25	25	25	20	25	400	850	210	70	25	25	197	190	220
Density at normal conditions	kg/m³	250	850,000	0,833	1,293	1000	1,293	300	1,276	1,276	1000	2200	1,293	1,277	2000	1,283
Water content	Vol.%					100			10,79	10,79				7,93		7,93
	Gew.%	19,45				100			6,87	6,87	100			4,97		4,97
	g/kg		0		12	1000	12		73,8	73,8			12	52,33		52,33
CaCl2	kg/h														9,75	
CaSO4	kg/h														10,61	
Ca(OH)2	kg/h														38	
inert	kg/h														2,58	
NOx	mg/nm³, n.c. dry								200	200				200		200
CO	mg/nm³, n.c. dry								50	50				50		50
HCl	mg/nm³, n.c. dry								682,48	682,48				682,48		2000
SO2	mg/nm³, n.c. dry								962,28	962,28				962,28		50
Status	mg/nm³, n.c. dry								200	200				5000		10
Piping	Material	CS	CS	CS	CS	CS		CS	CS	CS	CS	Rubber	CS	CS	CS	CS

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