

		AIR	CAP:S01	CAP:S02	CAP:S03	CO2	COLD_DA IR	COMB:S0 1	COMB:S0 2	COMB:S0 3	COMB:S0 4	COMB:S0 5
		Ambient air feed	Syngas or fluegas	Depleted stream	Enriched stream	Concentr ated carbon dioxide stream	Cold depleted air	Fuel	Oxydant	Feed mixture	Reaction products	Fluegas
	Pressure	bar	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.000	1.013
		Atm	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.987	1.000
	Temperature	K	298.15	473.15	473.15	473.15	473.15	298.15	1500.00	1418.53	473.15	473.15
		°C	25.0	200.0	200.0	200.0	200.0	25.0	1226.9	1145.4	200.0	200.0
	Mole weight	kg/kmol	28.7	26.9	18.8	41.4	41.4	28.2	18.0	60.2	26.9	26.9
	Mass flow	kg/h	4226	845	380	465	3567	186	10000	13915	845	845
	Mole flow	kmol/h	147	31	20	11	127	11	556	231	31	31
		Nm3/h	3299.3	705.0	453.5	251.5	2837.4	243.1	12452.1	5180.6	705.0	705.0
	Volume flow	m3/h	3601.3	1221.2	785.6	435.6	4914.9	265.4	10.0	1266.5	1237.4	1221.2
	Enthalpy flow	kW	-98.9	-2490.8	-1334.3	-1156.4	81.8	-248.9	0.1	-121.6	-2490.8	-2490.8
	Entropy flow	W/K	170.3	-50.5	-143.4	60.6	550.6	-224.6	0.0	3086.6	-49.5	-50.5
Components mass flows	H2O	kg/h	27	371	351	20	20	27	0	833	0	371
	Fe	kg/h	0	0	0	0	0	0	833	11535	0	0
	Fe2O3	kg/h	0	0	0	0	0	0	833	2194	0	0
	N2	kg/h	3258	6	6	0	0	3258	6	833	6	6
	O2	kg/h	942	0	0	0	0	283	0	833	0	0
	CH4	kg/h	0	0	0	0	0	165	833	165	0	0
	CO	kg/h	0	0	0	0	0	0	833	0	0	0
	CO2	kg/h	0	468	23	444	444	0	14	833	14	468
	H2	kg/h	0	0	0	0	0	0	833	0	0	0
	C16H34	kg/h	0	0	0	0	0	0	833	0	0	0
	C	kg/h	0	0	0	0	0	0	833	0	0	0
	ASH	kg/h	0	0	0	0	0	0	833	0	0	0
Components mass fractions	H2O	kg/kg	0.63%	43.93%	92.34%	4.30%	4.30%	0.74%	0.00%	8.33%	0.00%	43.93%
	Fe	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	82.90%	0.00%	0.00%
	Fe2O3	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	15.77%	0.00%	0.00%
	N2	kg/kg	77.08%	0.72%	1.51%	0.07%	0.07%	91.33%	3.27%	8.33%	0.04%	0.72%
	O2	kg/kg	22.29%	0.00%	0.00%	0.00%	0.00%	7.92%	0.00%	8.33%	0.00%	0.00%
	CH4	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	89.02%	8.33%	1.19%	0.00%	0.00%
	CO	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%
	CO2	kg/kg	0.00%	55.35%	6.15%	95.63%	95.63%	7.71%	8.33%	0.10%	55.35%	55.35%
	H2	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%
	C16H34	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%
	C	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%
	ASH	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%

