			ACQUA	ARIA_OX	ARIA_OX DUE	FANGO_ OX	FANGO_ RED	FANGO_S ECCO	FANGO_ UMIDO	FLUEGAS	FLUEGAS _FREDDO	INERTI_C ALDI	INERTI2	INERTI3	INERTI3_ FREDDI	PRODOT TO1	PRODOT TO2	SYNGAS
			Alimentaz ione acqua al miscelato re	Alimentaz ione aria al reattore ossidante	Alimentaz ione aria al reattore combusti one syngas	Alimentaz ione al reattore di ossidazio ne	Alimentaz ione al reattore	Alimentaz ione fango al miscelato re	Alimentaz ione al partitore	Gas di uscita split2	Gas di uscita raffreddat ore	Alimentaz ione inerti caldi al reattore	Inerti	Inerti	Inerti freddi	Prodotto in uscita dal reattore riducente	Prodotto in uscita reattore ossidativ o	Gas di sintesi
	Pressure	bar	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013
		Atm	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	Temperature	K	298.15	1315.95	298.15	298.15	298.15	298.15	298.15	1415.95	298.15	1415.95	1123.15	1415.95	298.15	1123.15	1415.95	1123.15
		℃	25.0	1042.8	25.0	25.0	25.0	25.0	25.0	1142.8	25.0	1142.8	850.0	1142.8	25.0	850.0	1142.8	850.0
	Mole weight	kg/kmol	18.0	28.8	28.8	18.0	18.0	77.0	18.0	28.8	28.8	18.0	59.6	60.1	18.0	15.0	28.8	15.0
	Mass flow	kg/h	64	976	982	64	64	257	64	1086	1086	0	3628	3679	0	242	1086	242
	Mole flow	kmol/h	4	34	34	4	4	3	4	38	38	0	61	61	0	16	38	16
		Nm3/h	80.0	759.6	764.0	80.0	80.0	74.9	80.0	844.9	844.9	0.0	1364.1	1372.4	0.0	361.9	844.9	361.9
	Volume flow	m3/h	0.1	3659.4	833.9	0.1	0.1	0.1	0.1	4379.8	922.2	0.0	1.1	1.1	0.0	1488.1	4379.8	1488.1
	Enthalpy flow	kW	-283.5	305.2	0.0	-283.5	-283.5	-716.3	-283.5	-321.2	-730.1	0.0	-14309.4	-14182.9	0.0	-463.8	-321.2	-463.8
	Entropy flow	W/K	-190.6	474.4	39.4	-190.6	-190.6	105.9	-190.6	571.5	19.5	0.0	-1617.7	-1363.9	0.0	211.7	571.5	211.7
Components mass flows	H2O	kg/h	64	0	0	64	64	0	64	83	83	0	0	0	0	110	83	110
	SiO2	kg/h	0	0	0	0	0	0	0	0	0	0	3563	3563	0	0	0	0
	ASH	kg/h	0	0	0	0	0	116	0	0	0	0	58	116	0	0	0	0
	CaO	kg/h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CaCO3	kg/h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CHNO	kg/h	0	0	0	0	0	141	0	0	0	0	0	0	0	0	0	0
	CHNO2	kg/h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	N2	kg/h	0	759	764	0	0	0	0	759	759	0	0	0	0	6	759	6
	O2	kg/h	0	217	218	0	0	0	0	54	54	0	0	0	0	17	54	17
	CH4	kg/h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CO	kg/h	0	0	0	0	0	0	0	0	0	0	0	0	0	41	0	41
	CO2	kg/h	0	0	0	0	0	0	0	171	171	0	0	0	0	55	171	55
	H2	kg/h	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	13
	NH3	kg/h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NO2	kg/h	0	0	0	0	0	0	0	19	19	0	0	0	0	0	19	0
	C	kg/h	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
Components mass fractions	H2O	kg/kg	100.00%	0.00%	0.00%	100.00%	100.00%	0.00%	100.00%	7.61%	7.61%	0.00%	0.00%	0.00%	0.00%	45.50%	7.61%	45.50%
	SiO2	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	98.21%	96.85%	0.00%	0.00%	0.00%	0.00%
	ASH	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	45.00%	0.00%	0.00%	0.00%	0.00%	1.60%	3.15%	0.00%	0.00%	0.00%	0.00%
	CaO	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	CaCO3	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	CHNO	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	55.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	CHNO2	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	N2	kg/kg	0.00%	77.79%	77.79%	0.00%	0.00%	0.00%	0.00%	69.91%	69.91%	0.00%	0.00%	0.00%	0.00%	2.34%	69.91%	2.34%
	O2	kg/kg	0.00%	22.21%	22.21%	0.00%	0.00%	0.00%	0.00%	5.00%	5.00%	0.00%	0.00%	0.00%	0.00%	7.12%	5.00%	7.12%
	CH4	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	CO	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.90%	0.00%	16.90%
	NO2	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.77%	15.77%	0.00%	0.00%	0.00%	0.00%	22.64%	15.77%	22.64%
	C	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.49%	0.00%	5.49%
	H2O	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	SiO2	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.71%	1.71%	0.00%	0.00%	0.00%	0.00%	0.00%	1.71%	0.00%
	ASH	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%

			SYNGAS COMB	SYNGAS DUE	SYNGAS H2O	SYNGAS TRE	VAPORE
			Gas di sintesi combusto	Gas di sintesi freddo	acqua da gas di sintesi	Gas di sintesi pronto alla combustione	Alimentazione vapore al reattore
	Pressure	bar	1.013	1.013	1.013	1.013	3.040
		Atm	1.000	1.000	1.000	1.000	3.000
	Temperature	K	298.15	298.15	298.15	298.15	407.20
		℃	25.0	25.0	25.0	25.0	134.0
	Mole weight	kg/kmol	27.7	15.0	18.0	13.3	18.0
	Mass flow	kg/h	1120	242	104	138	146
	Mole flow	kmol/h	40	16	6	10	8
		Nm3/h	906.0	361.9	129.7	232.2	181.8
	Volume flow	m3/h	988.9	253.6	0.1	253.5	90.3
	Enthalpy flow	kW	-760.2	-662.1	-459.5	-202.6	-536.6
	Entropy flow	W/K	5.7	-248.0	-308.9	60.9	-96.9
Components mass flows	H2O	kg/h	125	110	104	6	146
	SiO2	kg/h	0	0	0	0	0
	ASH	kg/h	0	0	0	0	0
	CaO	kg/h	0	0	0	0	0
	CaCO3	kg/h	0	0	0	0	0
	CHNO	kg/h	0	0	0	0	0
	CHNO2	kg/h	0	0	0	0	0
	N2	kg/h	770	6	0	6	0
	O2	kg/h	106	17	0	17	0
	CH4	kg/h	0	0	0	0	0
	CO	kg/h	0	41	0	41	0
	CO2	kg/h	119	55	0	55	0
	H2	kg/h	0	13	0	13	0
	NH3	kg/h	0	0	0	0	0
	NO2	kg/h	0	0	0	0	0
	C	kg/h	0	0	0	0	0
Components mass fractions	H2O	kg/kg	11.13%	45.50%	99.98%	4.24%	100.00%
	SiO2	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%
	ASH	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%
	CaO	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%
	CaCO3	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%
	CHNO	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%
	CHNO2	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%
	N2	kg/kg	68.73%	2.34%	0.00%	4.11%	0.00%
	O2	kg/kg	9.51%	7.12%	0.00%	12.51%	0.00%
	CH4	kg/kg	0.00%	0.00%	0.00%	0.01%	0.00%
	CO	kg/kg	0.00%	16.90%	0.00%	29.70%	0.00%
	NO2	kg/kg	10.63%	22.64%	0.02%	39.78%	0.00%
	C	kg/kg	0.00%	5.49%	0.00%	9.66%	0.00%
	H2O	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%
	SiO2	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%
	ASH	kg/kg	0.00%	0.00%	0.00%	0.00%	0.00%