

High-Temperature Carbonization in Coking Plants

Table 6b

Year: 2002

Fuel and Energy			Row Number	Stat. Fuel Number	Physical Unit	Amount in		GJ in %	N.c.v. kJ/kg kJ/m3
						Physical Units	GJ		
a			1	2	3	4	5	6	7
Working Consum- tion	Fuels	Coke Oven Gas (metallurgical)	3801	088	thous.m3	225 778	3 667 088	2,74	16 242
		Blast Furnace Gas	3802	092	thous.m3	1 341 952	3 889 419	2,90	2 898
		Coke Oven Gas (mining)	3804	087	thous.m3	321 170	5 058 428	3,78	15 750
		Other Gaseous Fuels	3804	096	thous.m3	2 305	46 026	0,03	19 968
		Total Fuels	3899	x	x	x	12 660 961	9,45	x
	Heat from Other Sources		3901	116	GJ	x	2 327 669	1,74	x
	Waste Heat		3902	116	GJ	x	161 552	0,12	x
	Utilized (Gained) Waste Heat		3903	116	GJ	x	0	0,00	x
	Total Heat		3900	116	GJ	x	2 489 221	1,86	x
	Electricity		3904	117	MWh	160 580	578 088	0,43	x
TOTAL		3839	x	x	x	15 728 270	11,74	x	
Total Losses (incl. Working Consumption)			3639	x	x	x	18 960 113	14,15	x
Energy Process Effectiveness			x	x	%	x	x	87,34	x