

Data in our each domestic plant

Items	Unit	Hanshin plant (Mukogawa)	Hanshin plant (Amagasaki)	Hanshin plant (Shin-yodogawa factory)	Keiyo plant (Funabashi)	Keiyo plant (Ichikawa)	Sakai PVC pipe plant	Odawara plant	Hirakata plant	Okajima plant	Sakai plant	Sakai coastal plant	Naniwa factory	Utsunomiya plant	Tsukuba plant	Kyuhoji business center	Ryugasaki plant	Shiga plant	Ohama plant	Kashima plant
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INPUT

Energy	Unit	Used amount * in terms of heat (Gj)		Used amount * in terms of heat (Gj)		Used amount * in terms of heat (Gj)		Used amount * in terms of heat (Gj)		Used amount * in terms of heat (Gj)		Used amount * in terms of heat (Gj)		Used amount * in terms of heat (Gj)		Used amount * in terms of heat (Gj)		Used amount * in terms of heat (Gj)		Used amount * in terms of heat (Gj)		Used amount * in terms of heat (Gj)		Used amount * in terms of heat (Gj)		Used amount * in terms of heat (Gj)													
		Electricity	Coal coke	Town gas	Kerosene	Heavy oil, LPG, and others	Total	Electricity	Coal coke	Town gas	Kerosene	Heavy oil, LPG, and others	Total	Electricity	Coal coke	Town gas	Kerosene	Heavy oil, LPG, and others	Total	Electricity	Coal coke	Town gas	Kerosene	Heavy oil, LPG, and others	Total	Electricity	Coal coke	Town gas	Kerosene	Heavy oil, LPG, and others	Total								
10 thousand kWh	t	5,262	517,274	2,693	264,735	383	37,649	5,657	556,111	564	55,441	2,763	271,603	4,398	432,333	5,176	508,771	7,399	727,351	3,368	331,055	1,702	167,263	590	58,017	990	97,337	2,801	275,378	292	28,692	355	34,897	2,184	214,687	1,354	133,124	2,069	203,389
10 thousand m³	kL	20,214	608,441	0	0	0	0	33,791	1,017,109	0	0	0	0	10,398	312,980	0	0	2,129	87,502	2,161	88,819	665	27,323	619	25,443	879	36,119	1,750	71,929	172	7,049	317	13,010	1,527	62,760	4,577	188,105	0	0

OUTPUT

Emitted amount of carbon dioxide	[t-CO ₂]	112,555	16,092	2,454	169,221	2,454	10,840	23,506	30,282	66,474	21,055	11,609	3,536	7,276	16,488	1,575	2,084	18,317	14,769	25,059																					
Exhaust gas	Main facilities generating soot and smoke		Melting furnace		Heating furnace		Drying furnace		Melting furnace		-		Boiler		Heating furnace		Melting furnace		Drying furnace		Boiler		Boiler		Boiler		Boiler		-		Drying furnace		Boiler		Boiler		Drying furnace				
	Unit	Kind of regulations	Regulated values	Measured values	Kind of regulations	Regulated values	Measured values	Kind of regulations	Regulated values	Measured values	Kind of regulations	Regulated values	Measured values	Kind of regulations	Regulated values	Measured values	Kind of regulations	Regulated values	Measured values	Kind of regulations	Regulated values	Measured values	Kind of regulations	Regulated values	Measured values	Kind of regulations	Regulated values	Measured values	Kind of regulations	Regulated values	Measured values	Kind of regulations	Regulated values	Measured values	Kind of regulations	Regulated values	Measured values				
	SOx	m³/Wh for total amount regulations and K value regulations	26.2	0.03	*Using town gas without sulfur	245	0.002	Total amount regulations	230	42	Total amount regulations	19.3	0.056	No facilities generating soot and smoke	No facilities generating soot and smoke	No facilities generating soot and smoke	No facilities generating soot and smoke	No facilities generating soot and smoke	No regulations for copias	Total amount regulations	150	20	Total amount regulations	150	73	*Using town gas without sulfur	*Using town gas without sulfur	Total amount regulations	150	54	Total amount regulations	230	110	No facilities generating soot and smoke	No facilities generating soot and smoke	Total amount regulations	180	47	Total amount regulations	2.63	1.066
	NOx	m³/Wh for total amount regulations, ppm for concentration regulations	33.81	5.35	2.61	0.16	230	42	54.1	7.25	80	47	4.4	0.61	0.1	0.025	0.1	0.006	0.05	0.005	0.05	0.005	0.05	0.005	0.18	0.001	0.25	0.01	0.2	0.02	0.2	0.02	0.2	0.02	0.1	0.025	0.2	0.05			

Aggregated results in PRTR

unit: kg/year (mg-TEQ/year for dioxins), Figures of emitted and transferred amount are significant figures as significant figures.

Name of plant	Name of class 1 designated chemical substances	Number specified in cabinet order	Emitted amount					Transferred amount	
			Air	Public water	Soil	Land-fill	Sewer	Transferred outside	
Hanshin plant (Mukogawa)	Ethylbenzene	40	4,300	0	0	0	0	40	
	Xylene	63	11,000	0	0	0	0	59	
	1,3,5-trimethylbenzene	224	1,500	0	0	0	0	0	
	Toluene	227	67,000	0	0	0	0	1,000	
	Nickel	231	3.0	0	0	0	0	48	
	Phenol	266	0	0	0	0	0	0	