Data on KUBOTA Domestic Production Plants and Offices

INPUT

Item		Unit	Hanshin Plant (Mukogawa)		Hanshin Plant (Amagasaki)		Hanshin Plant (Shin-yodogawa Factory)		Keiyo Plant (Funabashi)		Keiyo Plant (Ichikawa)		Hirakata Plant	
			Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ
Energy	Electricity	10,000 kWh	4,283	419,077	3,001	299,186	265	25,366	5,847	563,450	611	60,844	5,320	520,810
	Coal/Coke	t	12,518	376,803	0	0	0	0	24,676	742,749	0	0	0	0
	Town gas	1,000 m³	3,573	140,414	4,454	175,051	0	0	544	21,371	0	0	5,062	198,933
	Kerosene	kL	4,876	178,943	10	384	254	9,324	11,997	440,295	17	642	91	3,321
	Light oil	kL	27	1,027	0	0	26	1,003	138	5,283	22	835	572	21,860
	Heavy fuel oil A	kL	0	0	0	0	0	0	0	0	0	0	0	0
	LPG, other		–	582	–	2,159	–	221	–	23,667	–	1,979	–	8
	Total		–	1,116,845	–	476,778	–	35,914	–	1,796,814	–	64,300	–	744,931
Water usage		10,000 m³	92.4		19.6		1.4		149.7		1.3		21.0	

Item		Unit	Okajima Business Center		Sakai Plant		Sakai Rinkai Plant		Utsunomiya Plant		Tsukuba Plant		Kyuhoji Business Center		Ryugasaki Plant		Shiga Plant	
			Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ
Energy	Electricity	10,000 kWh	6,474	631,953	3,787	369,601	2,043	199,026	800	78,795	3,704	361,492	259	25,416	360	35,918	329	32,804
	Coal/Coke	t	9,447	284,369	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Town gas	1,000 m³	2,174	85,442	2,403	94,454	892	35,061	1,030	40,462	2,537	99,721	141	5,557	259	10,170	686	26,970
	Kerosene	kL	1	37	0	0	0	5	370	13,593	1,019	37,407	14	514	24	872	0	0
	Light oil	kL	88	3,379	954	36,428	1,860	71,041	0	0	0	0	0	0	2	94	0	0
	Heavy fuel oil A	kL	0	0	658	25,728	29	1,118	0	0	0	0	0	0	0	0	0	0
	LPG, other		–	43	–	473	–	4,059	–	0	–	0	–	1,309	–	652	–	0
	Total		–	1,005,222	–	526,684	–	310,309	–	132,851	–	498,620	–	32,796	–	47,705	–	59,774
Water usage		10,000 m³	15.2		14.2		6.7		27.3		19.5		1.5		1.6		18.3	

OUTPUT

		Unit	Hanshin Plant (Mukogawa)	Hanshin Plant (Amagasaki)	Hanshin Plant (Shin-yodogawa Factory)	Keiyo Plant (Funabashi)	Keiyo Plant (Ichikawa)	Hirakata Plant
CO_2 emission		t-CO_2	74,443	19,155	1,610	132,616	2,288	29,774
Atmospheric exhaust gas	Main smoke and soot generating facilities		Melting furnaces	Heating furnaces	Drying furnaces	Melting furnaces	–	Heating furnaces
		Unit	Regulation content / Regulated value / Measured value	Regulation content / Regulated value / Measured value	Regulation content / Regulated value / Measured value	Regulation content / Regulated value / Measured value	Regulation content / Regulated value / Measured value	Regulation content / Regulated value / Measured value
	SOx	Regulation of volume and K-value regulation: m³N/h	K-value regulation / 0.26 / 0.033	※Use of town gas with zero sulfur content	K-value regulation / 0.68 / Under 0.001	Regulation of volume / 19.3 / 0.05	No smoke and soot generating facilities	※Use of town gas with zero sulfur content
	NOx	Regulation of volume: m³N/h, Concentration regulation: ppm	Regulation of volume / 61.00/year / 15.217/year	Regulation of volume / 8.30/year / 2.398/year	Concentration regulation / 230 / 31	Regulation of volume / 54.1 / 4.1		Regulation of volume / 20.286 / 1.98
	Soot and dust	g/m³N	Concentration regulation / 0.1 / 0.0017	Concentration regulation / 0.1 / 0.00175	Concentration regulation / 0.1 / Under 0.035	Concentration regulation / 0.1 / 0.0045		Concentration regulation / 0.1 / 0.006

			Okajima Business Center	Sakai Plant	Sakai Rinkai Plant	Utsunomiya Plant	Tsukuba Plant	Kyuhoji Business Center	Ryugasaki Plant	Shiga Plant
CO_2 emission		t-CO_2	63,693	21,892	13,901	5,681	20,140	1,269	1,845	2,477
Atmospheric exhaust gas	Main smoke and soot generating facilities		Melting furnaces	Drying furnaces	–	Boilers	Boilers	–	Boilers	Boilers
		Unit	Regulation content / Regulated value / Measured value	Regulation content / Regulated value / Measured value	Regulation content / Regulated value / Measured value	Regulation content / Regulated value / Measured value	Regulation content / Regulated value / Measured value	Regulation content / Regulated value / Measured value	Regulation content / Regulated value / Measured value	Regulation content / Regulated value / Measured value
	SOx	Regulation of volume and K-value regulation: m³N/h	Regulation of volume / 2.86 / 0.046	Regulation of volume / 2.18 / 0.232	No smoke and soot generating facilities	※Use of town gas with zero sulfur content	K-value regulation / 17.5 / Under 0.01	No smoke and soot generating facilities	※Use of town gas with zero sulfur content	※Use of town gas with zero sulfur content
	NOx	Regulation of volume: m³N/h, Concentration regulation: ppm	Regulation of volume / 2.4 / 0.711	Regulation of volume / 1.997 / 0.457		Concentration regulation / 150 / 54	Concentration regulation / 230 / 110		Concentration/ regulation / 230 / 64	Concentration/ regulation / 180 / 33
	Soot and dust	g/m³N	Concentration regulation / 0.05 / 0.005	Concentration regulation / 0.1 / 0.015		Concentration regulation / 0.1 / 0.001	Concentration regulation / 0.25 / Under 0.01		Concentration/ regulation / 0.2 / Under 0.01	– – –

			Hanshin Plant (Mukogawa)		Hanshin Plant (Amagasaki)		Hanshin Plant (Shin-yodogawa Factory)		Keiyo Plant (Funabashi)		Keiyo Plant (Ichikawa)		Hirakata Plant	
			Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value
Drainage	Public water areas	pH	–	5.8-8.6	7.6	–	–	– (no specific facilities)	7.6	5-9	7.7	5-9	7.1	5.8-8.6	7.3
		BOD	mg/L	30	1	–	–	–	2	–	–	60	1	25	3
		COD	mg/L	20	4	–	–	–	5	20	3.2	60	8	25	4.6
		Nitrogen	mg/L	40	4.3	–	–	–	4.80	20	3.3	70	5.6	120	4
		Phosphorus	mg/L	1	0.18	–	–	–	0.46	2	0.09	7	0.96	16	0.67
		Hexavalent chromium	mg/L	0.35	ND	–	–	–	ND	0.05	ND	0.5	ND	0.05	ND
		Lead	mg/L	0.1	ND	–	–	–	ND	0.1	ND	0.1	ND	0.01	ND
		Regulation value of COD volume	kg/day	112.3	21.1	–	–	–	–	212.5	17.3	3.870	0.41	49.93	2.76
		Regulation value of nitrogen volume	kg/day	129.1	19.6	–	–	–	–	176.6	18.7	3.105	0.39	52.6	2.66
		Regulation value of phosphorus volume	kg/day	16.5	0.5	–	–	–	–	23.13	0.5	0.407	0.045	6.26	0.23
	Sewerage	pH	–	5.7-8.7	7.2	5.7-8.7	7.2	–	–	–	–	–	–	–	–
		BOD	mg/L	300	3	300	5	–	–	–	–	–	–	–	–
		COD	mg/L	–	16	–	–	–	–	–	–	–	–	–	–
		SS	mg/L	300	5	300	10	–	–	–	–	–	–	–	–
Waste		Volume of discharge	t	12,999		3,407		1,178		29,182		190		5,062	
		Landfill disposal	%	0.0		2.1		40.3		1.2		0.7		1.3	

			Okajima Business Center		Sakai Plant		Sakai Rinkai Plant		Utsunomiya Plant		Tsukuba Plant		Kyuhoji Business Center		Ryugasaki Plant		Shiga Plant	
			Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value
Drainage	Public water areas	pH	–	–	–	–	5.8-8.6	6.7	5.8-8.6	7.5	5.8-8.6	7.6	–	–	–	–	6.0-8.5	7.3
		BOD	–	–	–	–	15	2	25	7.4	20	2.7	–	–	–	–	20	1
		COD	–	–	–	–	25	8	–	3.7	20	7.8	–	–	–	–	20	2
		Nitrogen	–	–	–	–	120	10	120	9.7	60	17	–	–	–	–	8	ND
		Phosphorus	–	–	–	–	8	0.10	16	0.7	8	2	–	–	–	–	0.8	0.07
		Hexavalent chromium	–	–	–	–	0.5	ND	0.5	ND	0.5	ND	–	–	–	–	0.05	ND
		Lead	–	–	–	–	0.1	ND	0.1	ND	0.1	ND	–	–	–	–	0.1	ND
		Regulation value of COD volume	–	–	–	–	2.75	0.88	–	–	–	–	–	–	–	–	–	–
		Regulation value of nitrogen volume	–	–	–	–	5.50	1.47	–	–	–	–	–	–	–	–	–	–
		Regulation value of phosphorus volume	–	–	–	–	0.44	0.14	–	–	–	–	–	–	–	–	–	–
	Sewerage	pH	5.7-8.7	7	5.7-8.7	6.9	–	–	–	–	–	–	5.7-8.7	7.4	5.0-9.0	7	–	–
		BOD	600	6	300	47	–	–	–	–	–	–	300	1	600	100	–	–
		COD	–	–	–	50	–	–	–	–	–	–	–	–	600	89	–	–
		SS	600	18	300	9	–	–	–	–	–	–	300	2	600	2	–	–
Waste		Volume of discharge	t	26,911		1,088		1,016		278		2,233		319		208		253
		Landfill disposal	%	5.3		0.9		0.2		1.0		0.2		1.1		0.5		0.8

Results of PRTR Reporting Unit: kg/year (dioxins: mg-TEQ/year)

Name of plant or office	Name of substance	Number specified in Cabinet Order	Release volume				Transfer volume	
			Atmosphere	Public water areas	Soil	On-site landfills	Sewerage	Transfers to off-site
Hanshin Plant (Mukogawa)	Ethylbenzene	40	3,748.9	0.0	0.0	0.0	0.0	60.7
	Xylene	63	6,399.0	0.0	0.0	0.0	0.0	89.6
	1, 3, 5-trimethylbenzene	224	1,798.1	0.0	0.0	0.0	0.0	0.0
	Toluene	227	50,744.6	0.0	0.0	0.0	0.0	0.0
	Lead and its compounds	230	0.0	0.0	0.0	0.0	0.0	7,801.3
	Nickel	231	0.0	0.0	0.0	0.0	0.0	164.3
	Phenol	266	0.0	0.0	0.0	0.0	0.0	0.0
Hanshin Plant (Marushima)	Ethylbenzene	40	7,591.1	0.0	0.0	0.0	0.0	7.8
	Xylene	63	21,039.2	0.0	0.0	0.0	0.0	11.5
	Toluene	227	6,025.1	0.0	0.0	0.0	0.0	198.5
	Nickel	231	0.0	0.0	0.0	0.0	0.0	81.0
Hanshin Plant (Amagasaki)	Chromium and chromium (III) compounds	68	0.0	0.0	0.0	0.0	36.2	2,510.3
	Toluene	227	1,250.5	0.0	0.0	0.0	0.0	0.0
	Nickel	231	0.0	0.0	0.0	0.0	0.0	2.1
	Boron and its compounds	304	0.0	0.0	0.0	0.0	0.0	1,453.9
	Manganese and its compounds	311	0.0	0.0	0.0	0.0	0.0	4,690.0
	Molybdenum and its compounds	346	0.0	0.0	0.0	0.0	0.0	0.0
Hanshin Plant (Nagasu)	Ethylbenzene	40	2,066.8	0.0	0.0	0.0	0.0	0.0
	Xylene	63	4,075.2	0.0	0.0	0.0	0.0	0.0
	Toluene	227	2,280.9	0.0	0.0	0.0	0.0	0.0
Shin-yodogawa Factory	Bisphenol A type epoxy resin (liquid)	30	0.0	0.0	0.0	0.0	0.0	0.0
	Xylene	63	2,062.9	0.0	0.0	0.0	0.0	0.0
	Cobalt and its compounds	100	0.0	0.0	0.0	0.0	0.0	200.6
	Styrene	177	14,188.8	0.0	0.0	0.0	0.0	0.0

Name of plant or office	Name of substance	Number specified in Cabinet Order	Release volume				Transfer volume	
			Atmosphere	Public water areas	Soil	On-site landfills	Sewerage	Transfers to off-site
Keiyo Plant (Funabashi)	Ethylbenzene	40	34,254.0	0.0	0.0	0.0	0.0	0.0
	Cadmium and its compounds	60	0.0	0.0	0.0	0.0	0.0	7,601.1
	Xylene	63	55,374.2	0.0	0.0	0.0	0.0	0.0
	Toluene	227	120,363.0	0.0	0.0	0.0	0.0	0.0
	Lead and its compounds	230	0.0	0.0	0.0	0.0	0.0	22,901.9
	Nickel	231	0.0	0.0	0.0	0.0	0.0	22.1
	Phenol	266	0.0	0.0	0.0	0.0	0.0	0.0
	Manganese and its compounds	311	0.0	0.0	0.0	0.0	0.0	28,015.4
Keiyo Plant (Distribution Center)	Ethylbenzene	40	9,999.2	0.0	0.0	0.0	0.0	0.0
	Xylene	63	49,749.6	0.0	0.0	0.0	0.0	0.0
	Toluene	227	15,058.9	0.0	0.0	0.0	0.0	0.0
Keiyo Plant (Ichikawa)	Xylene	63	2,380.7	0.0	0.0	0.0	0.0	0.0
	Manganese and its compounds	311	0.0	0.0	0.0	0.0	0.0	54.3
Keiyo Plant (Gyotoku Processing Center)	Manganese and its compounds	311	0.0	0.0	0.0	0.0	0.0	29.3
Hirakata Plant	Bisphenol A type epoxy resin (liquid)	30	0.0	0.0	0.0	0.0	0.0	715.1
	Ethylbenzene	40	2,067.9	0.0	0.0	0.0	0.0	14,500.8
	Xylene	63	3,071.4	0.0	0.0	0.0	0.0	23,725.0
	Chromium and chromium (III) compounds	68	0.0	0.0	0.0	0.0	0.0	10,578.2
	Cobalt and its compounds	100	0.0	0.0	0.0	0.0	0.0	0.0
	1, 3, 5-trimethylbenzene	224	119.2	0.0	0.0	0.0	0.0	809.7
	Toluene	227	2,026.5	0.0	0.0	0.0	0.0	19,188.2
	Lead and its compounds	230	0.0	0.0	0.0	0.0	0.0	2,903.8
	Nickel	231	0.0	0.0	0.0	0.0	0.0	4.5
	Boron and its compounds	304	0.0	0.0	0.0	0.0	0.0	30.0
	Manganese and its compounds	311	0.0	0.0	0.0	0.0	0.0	12,873.1
	Molybdenum and its compounds	346	0.0	0.0	0.0	0.0	0.0	0.0

Name of plant or office	Name of substance	Number specified in Cabinet Order	Release volume				Transfer volume	
			Atmosphere	Public water areas	Soil	On-site landfills	Sewerage	Transfers to off-site
Okajima Business Center	Bisphenol A type epoxy resin (liquid)	30	0.0	0.0	0.0	0.0	0.0	665.0
	Ethylbenzene	40	2,479.9	0.0	0.0	0.0	0.0	827.0
	Xylene	63	13,737.6	0.0	0.0	0.0	0.0	4,579.0
	Chromium and chromium (III) compounds	68	0.0	0.0	0.0	0.0	0.0	1,266.1
	Phenol	266	0.0	0.0	0.0	0.0	0.0	0.0
	Manganese and its compounds	311	0.0	0.0	0.0	0.0	0.0	3,245.4
Sakai Plant	Water-soluble zinc compounds	1	0.0	0.0	0.0	0.0	35.2	0.0
	2-aminoethanol	16	0.0	0.0	0.0	0.0	43.5	1,561.0
	Ethylbenzene	40	2,732.7	0.0	0.0	0.0	0.0	596.3
	Ethylene glycol	43	0.0	0.0	0.0	0.0	0.0	441.2
	Xylene	63	5,413.3	0.0	0.0	0.0	0.0	2,276.0
	Toluene	227	937.1	0.0	0.0	0.0	0.0	979.3
Sakai Rinkai Plant	Ethylbenzene	40	35.0	0.0	0.0	0.0	0.0	141.2
	Xylene	63	213.1	0.0	0.0	0.0	0.0	544.0
	Toluene	227	208.8	0.0	0.0	0.0	0.0	412.1
Utsunomiya Plant	Water-soluble zinc compounds	1	0.0	9.8	0.0	0.0	0.0	513.0
	Ethylbenzene	40	4,137.0	0.0	0.0	0.0	0.0	2,001.9
	Ethylene glycol	43	0.0	0.0	0.0	0.0	0.0	0.0
	Xylene	63	11,638.0	0.0	0.0	0.0	0.0	5,546.5
	Toluene	227	188.2	0.0	0.0	0.0	0.0	91.1
	Nickel compounds	232	0.0	56.1	0.0	0.0	0.0	63.7
	Manganese and its compounds	311	0.0	70.2	0.0	0.0	0.0	132.3

Name of plant or office	Name of substance	Number specified in Cabinet Order	Release volume				Transfer volume	
			Atmosphere	Public water areas	Soil	On-site landfills	Sewerage	Transfers to off-site
Tsukuba Plant	Water-soluble zinc compounds	1	0.0	30.2	0.0	0.0	0.0	800.3
	2-aminoethanol	16	0.0	0.0	0.0	0.0	0.0	1,293.5
	Ethylbenzene	40	13,588.3	0.0	0.0	0.0	0.0	289.1
	Ethylene glycol	43	0.0	0.0	0.0	0.0	0.0	0.0
	Xylene	63	47,412.9	0.0	0.0	0.0	0.0	3,547.7
	Chromium (VI) compounds	69	0.0	0.0	0.0	0.0	0.0	390.7
	Dichloropentafluoropropane	144	0.0	0.0	0.0	0.0	0.0	3,025.0
	1, 3, 5-trimethylbenzene	224	1,615.0	0.0	0.0	0.0	0.0	0.0
	Toluene	227	9,580.8	0.0	0.0	0.0	0.0	2,368.2
	Lead and its compound	230	0.0	0.0	0.0	0.0	0.0	2,563.9
	Nickel compounds	232	0.0	0.0	0.0	0.0	0.0	545.2
	Hydorogen fluoride and its water-soluble salts	283	0.0	0.0	0.0	0.0	0.0	1,650.6
Kyuhoji Business Center	Xylene	63	916.9	0.0	0.0	0.0	0.0	554.0
Ryugasaki Plant	Ethylbenzene	40	2,197.0	0.0	0.0	0.0	0.0	48.3
	Xylene	63	2,898.4	0.0	0.0	0.0	0.0	70.6
	Toluene	227	3,089.5	0.0	0.0	0.0	0.0	804.0
Shiga Plant	Bis (2-ethylhexyl) adipate	9	0.0	0.0	0.0	0.0	0.0	210.1
	Styrene	177	28,561.2	0.0	0.0	0.0	0.0	0.0
	Di-n-butyl phthalate	270	0.0	0.0	0.0	0.0	0.0	48.0
Shin-yodogawa Environmental Plant Center	Dioxins	179	0.040	0.0	0.0	0.0	0.0	0.24

Data on KUBOTA Group Domestic Production Plants and Offices

INPUT

Item		Unit	Kubota-C.I. (Sakai)		Kubota-C.I. (Odawara)		Kubota-C.I. (Tochigi)		Kubota Air Conditioner (Tochigi)		Kubota Precision Machinery		Nippon Plastic Industry		Kyusyu Kubota Chemical	
			Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ	Volume of use	Calorific conversion GJ
Energy	Electricity	10,000 kWh	3,379	329,839	2,764	268,001	1,800	174,490	213	21,226	1,361	132,253	1,011	97,138	628	60,420
	Coal/Coke	t	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Town gas	1,000 m3	89	3,492	35	1,380	0	0	174	6,821	668	26,241	30	1,164	0	0
	Kerosene	kL	47	1,721	0	0	3	106	1	44	0	1	1	25	0	3
	Light oil	kL	6	228	32	1,228	1	53	0	0	8	317	0	0	1	45
	Heavy fuel oil A	kL	0	0	0	0	546	21,338	24	938	0	0	0	0	0	0
	LPG, other		–	926	–	84	–	892	–	131	–	455	–	908	–	127
	Total		–	336,206	–	270,694	–	196,879	–	29,160	–	159,267	–	99,234	–	60,595
Water usage		10,000 m³	5.8		9.1		29.6		4.8		1.6		12.9		0.6	

OUTPUT

CO_2 emission		t-CO_2	15,243		9,529		7,647		1,144		5,979		4,984		2,365	
Atmospheric exhaust gas	Main smoke and soot generating facilities		–		–		Diesel engines		Boilers		–		–		–	
	Unit		Regulation content	Regulated value / Measured value	Regulation content	Regulated value / Measured value	Regulation content	Regulated value / Measured value	Regulation content	Regulated value / Measured value	Regulation content	Regulated value / Measured value	Regulation content	Regulated value / Measured value	Regulation content	Regulated value / Measured value
	SOx	Regulation of volume and K-value regulation: m³N/h	No smoke and soot generating facilities		No smoke and soot generating facilities		K-value regulation	17.5 / 0.28	K-value regulation	2.3 / 0.05	No smoke and soot generating facilities		No smoke and soot generating facilities		No smoke and soot generating facilities	
	NOx	Regulation of volume: m³N/h, Concentration regulation: ppm					Concentration regulation	950 / 740	Concentration regulation	180 / 100						
	Soot and dust	g/m³N					Concentration regulation	0.1 / 0.009	Concentration regulation	0.3 / Under 0.005						

				Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value
Drainage	Public water areas	pH	–	–	–	5.8-8.6	8.2	5.8-8.6	8.1	5.8-8.6	7.6	–	–	5.8-8.6	7.2	–	–
		BOD	mg/L	–	–	60	ND	20	1.2	20	3.8	–	–	160	ND	–	–
		COD	mg/L	–	–	60	ND	–	–	20	–	–	–	160	0.7	–	–
		Nitrogen	mg/L	–	–	120	0.25	60	0.41	20	–	–	–	120	–	–	–
		Phosphorus	mg/L	–	–	16	0.08	1	ND	2	–	–	–	16	–	–	–
		Hexavalent chromium	mg/L	–	–	0.5	ND	0.1	ND	0.1	ND	–	–	0.5	–	–	–
		Lead	mg/L	–	–	0.1	ND	0.1	ND	0.1	ND	–	–	0.1	0.04	–	–
		Regulation value of COD volume	kg/day	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Regulation value of nitrogen volume	kg/day	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Regulation value of phosphorus volume	kg/day	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Sewerage	pH	–	5.7-8.7	7.3	–	–	–	–	–	–	–(no specific facilities)	–	–	–	–(no specific facilities)	–
		BOD	mg/L	300	6.8	–	–	–	–	–	–	–	–	–	–	–	–
		COD	mg/L	–	8.0	–	–	–	–	–	–	–	–	–	–	–	–
		SS	mg/L	300	8	–	–	–	–	–	–	–	–	–	–	–	–
Waste	Volume of discharge		t	67		58		177		123		477		28		53	
	Landfill disposal		%	0.1		0.0		1.2		0.0		0.7		11.6		0.0	

Results of PRTR Reporting Unit: kg/year (dioxins: mg-TEQ/year)

Name of plant or office	Name of substance	Number specified in Cabinet Order	Release volume				Transfer volume	
			Atmosphere	Public water areas	Soil	On-site landfills	Sewerage	Transfers to off-site
Kubota-C.I. (Sakai)	Xylene	63	19.8	0.0	0.0	0.0	0.0	0.0
	Organotin compounds	176	4.6	0.0	0.0	0.0	0.0	0.0
	Toluene	227	140.6	0.0	0.0	0.0	0.0	0.0
	Lead and its compounds	230	11.3	0.0	0.0	0.0	0.0	0.0
Kubota-C.I. (Odawara)	Organotin compounds	176	0.6	0.0	0.0	0.0	0.0	1.4
	Lead and its compounds	230	0.6	0.0	0.0	0.0	0.0	40.5
Kubota-C.I. (Tochigi)	Organotin compounds	176	0.0	0.0	0.0	0.0	0.0	8.5
	Lead and its compounds	230	0.0	0.0	0.0	0.0	0.0	570.0
	Boron and its compounds	304	0.0	0.0	0.0	0.0	0.0	12.0
Nippon Plastic Industry	Lead and its compounds	230	1.0	0.0	0.0	0.0	0.0	39.0
Kyusyu Kubota Chemical	Organotin compounds	176	0.0	0.0	0.0	0.0	0.0	25.0
	Lead and its compounds	230	0.0	0.0	0.0	0.0	0.0	134.0