

Data on KUBOTA Group Domestic Production Plants and Offices

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
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INPUT

Energy		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	Volume of use	Calorific conversion	Volume of use	Calorific conversion	Volume of use	Calorific conversion	Volume of use	Calorific conversion	Volume of use	Calorific conversion	Volume of use	Calorific conversion
	Electricity	10,000 kWh	2,521	245,244	3,004	291,300	1,277	123,227	227	22,676	1,359	132,059	1,115	111,166	586	56,374
	Coal/Coke	t	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Town gas	1,000 m ³	89	3,494	36	1,411	0	0	192	7,541	636	25,007	82	3,209	0	0
	Kerosene	kL	0	0	0	0	3	97	3	114	0	4	1	19	1	37
	Light oil	kL	0	0	35	1,350	6	237	0	0	10	383	0	0	0	0
	Heavy fuel oil A	kL	0	0	0	0	2,212	86,501	27	1,070	0	0	0	0	0	0
	LPG, other		-	725	-	254	-	734	-	142	-	454	-	356	-	80
	Total		-	249,463	-	294,315	-	210,795	-	31,544	-	157,907	-	114,750	-	56,491

Water usage	10,000 m ³	6.5	5.7	31.6	6.5	1.5	12.2	0.2
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OUTPUT

CO ₂ emission	t-CO ₂	10,102	11,234	10,763	1,310	6,186	5,225	2,146
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Atmospheric exhaust gas	Main smoke and soot generating facilities			Diesel engines			Boilers			-			-			-		
	SOx	NOx	Soot and dust	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
				No smoke and soot generating facilities	No smoke and soot generating facilities		K-value regulation	2.7	0.2	K-value regulation	2.3	0.058	No smoke and soot generating facilities	No smoke and soot generating facilities	No smoke and soot generating facilities			
							Concentration regulation	950	600	Concentration regulation	180	83						
							Concentration regulation	0.1	0.046	Concentration regulation	0.3	Under 0.005						

Drainage	Public water areas	pH	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	Regulated value	Measured value	Regulated value	Measured value	Regulated value	Measured value			
			-	-	5.8-8.6	8.1	5.8-8.6	8.2	5.8-8.6	7.5	-	-	5.8-8.6	7.4	-	-	-	-	
		BOD	mg/L	-	-	60	1.8	20	1	30	5.2	-	-	160	2.3	-	-	-	
		COD	mg/L	-	-	60	3.8	-	0.9	30	-	-	-	160	ND	-	-	-	
		Nitrogen	mg/L	-	-	120	1.1	60	0.88	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	0.02	0.1	ND	-	-	0.1	ND	-	-	-	
	Sewerage																		
			Regulation value of COD volume	kg/day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Regulation value of nitrogen volume	kg/day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Regulation value of phosphorus volume	kg/day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		pH		5.7-8.7	7.3	-	-	-	-	-	-	(no specific facilities)	-	-	-	-	-	(no specific facilities)	
		BOD	mg/L	300	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	
		COD	mg/L	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
		SS	mg/L	300	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	

Waste	Volume of discharge	t	146	168	268	220	468	98	88
	Resource recycling rate	%	100	100	95.5	100	97.1	98.4	98.8

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	
Kubota-C.I. (Sakai)	Xylene	63	16	0	0	0	0	0	
	Organotin compounds	176	4.9	0	0	0	0	11	
	Toluene	227	236	0	0	0	0	0	
Kubota-C.I. (Odawara)	Lead and its compounds	230	12	0	0	0	0	25	
	Organotin compounds	176	0	0	0	0	0	3.4	
Kubota-C.I. (Tochigi)	Lead and its compounds	230	1.5	0	0	0	0	85	
	Organotin compounds	176	0	0	0	0	0	6.1	
Kubota Air Conditioner (Tochigi)	Lead and its compounds	230	0	0	0	0	0	650	
	Xylene	63	1,230	0	0	0	0	308	
Nippon Plastic Industry	Toluene	227	888	0	0	0	0	222	
	Lead and its compounds	230	1.0	0	0	0	0	26	
Kyusyu Kubota Chemical	Organotin compounds	176	0	0	0	0	0	40	
	Lead and its compounds	230	0	0	0	0	0	96	

