

Kyocera Group Site Information

KYOCERA KINSEKI Hokkaido Corporation Hokkaido Ebetsu Plant



Profile

Location	127-25 Nishinoppo, Ebetsu, Hokkaido
Products manufactured	Optical devices
Number of employees	154
Land area	7,411 m ²
Total floor space	6,887 m ²

Environmental Performance

Items	Units		FY 2006		FY 2007	
	Amount	Specific consumption	Amount	Specific consumption	Amount	Specific consumption
Electricity	kWh	kWh/M Yen	4,401,852	778	7,304,924	2,206
Fuel (LPG, kerosene)	kℓ (crude-oil based)	kℓ/M Yen	506	0.09	539	0.16
CO ₂	t-CO ₂	t-CO ₂ /M Yen	3,710	0.66	5,213	1.57
Water	m ³	m ³ /M Yen	55,819	9.86	76,339	23.05
Industrial waste emissions	kg	kg/M Yen	2,029,543	358.6	844,726	255.1
Effluent	m ³	m ³ /M Yen	—	—	—	—

Comments

Our FY2007 performance levels increased significantly compared to FY2006 because the main production plant was changed from the Mikasa plant to the Ebetsu plant.

Air related

Items	Facility	Legal standard	Internal criteria	Self-management standard	Performance for FY 2007		
					Ave	Max	Measurement frequency
Soot and dust (g/Nm ³)	Steam boiler, No. 2 machine room, B-1-1	0.3	—	0.2	0.002	0.002	Twice/year
	Steam boiler, No. 2 machine room, B-1-2	0.3	—	0.2	0.001	0.001	Twice/year
NO _x (ppm)	Steam boiler, No. 2 machine room, B-1-1	180	—	150	52	53.0	Twice/year
	Steam boiler, No. 2 machine room, B-1-2	180	—	150	51	51	Twice/year
SO _x (Nm ³ /h)	Steam boiler, No. 2 machine room, B-1-1	1.0	—	1	<0.001	<0.001	Twice/year
	Steam boiler, No. 2 machine room, B-1-2	1.0	—	1	<0.001	<0.001	Twice/year

Air emission: total impact (units: tons)

Items	Total emission	
	FY 2006	FY 2007
NO _x	1.95	2.23
SO _x	0.045	0.044

Comments

Less than self-management standards, no incidents exceeded standards.

Water quality (units: mg/ℓ)

Items	Legal standard	Internal criteria	Self-management standard	Performance for FY 2007		
				Ave	Max	Measurement frequency
Hydrogen ion concentration (pH)	5.8~8.6	—	6.1~8.3	7.4	7.8	Once/month
Biochemical oxygen demand (BOD)	600	—	144	8.9	20	Once/month
Chemical oxygen demand (COD)	—	—	144	3.7	6	Once/month
Suspended solid (SS)	600	—	150	4.3	12	Once/month
N-hexane extracts weight	5	—	4.5	0.5	0.5	Once/month
Phenols content	5	—	4.5	<0.5	<0.5	Once/year
Copper content	3	—	2.7	<0.01	<0.01	Once/year
Zinc content	5	—	4.5	<0.1	<0.1	Once/year
Dissolved iron content	10	—	9	<1.0	<1.0	Once/year
Dissolved manganese content	10	—	9	<1.0	<1.0	Once/year
Nitrogen content	—	—	108	1.35	2.4	Once/year
Phosphorous content	—	—	14.4	0.35	0.62	Once/year

Water pollution: total impact (units: tons)

Items	Total emission	
	FY 2006	FY 2007
Chemical oxygen demand (COD)	—	0.28
Biochemical oxygen demand (BOD)	—	0.68
Nitrogen	—	0.10
Phosphorous	—	0.026

Comments

Less than self-management standards, no incidents exceeded standards.

Bad odors

No incidents exceeded standards.

Noise and vibration

No incidents exceeded standards.

PRTR substances (units: tons)

Number	Substance	Handled amounts	Releases to			Transfers to		Other amounts		
			Air	Water	Soil	Waste	Sewage	Recycled	Consumption	Removed by process
N/A										

Comments

N/A