



# Kyocera Group Environmental Impact Data

## KYOCERA KINSEKI Hokkaido Corporation Hokkaido Ebetsu Plant

### Profile

Location	127-25 Nishinopporo, Ebetsu-shi, Hokkaido
Products manufactured	Low pass filters
Number of employees	126
Land area	7,411 m <sup>2</sup>
Total floor space	6,887 m <sup>2</sup>

### Environmental Performance

Items	Units		FY 2010		FY 2011	
	Amount	Specific consumption	Amount	Specific consumption	Amount	Specific consumption
Energy	kℓ (crude oil based)	kℓ/M Yen	2,058	0.40	1,969	0.53
CO <sub>2</sub>	t-CO <sub>2</sub>	t-CO <sub>2</sub> /M Yen	4,316	0.8	3,837	1.0
Water	m <sup>3</sup>	m <sup>3</sup> /M Yen	84,000	16.4	77,131	20.8
Industrial waste emissions	kg	kg/M Yen	815,617	159	817,497	221
Effluent	m <sup>3</sup>	m <sup>3</sup> /M Yen	—	—	—	—

### Air related

Items	Facility	Legal standard	Internal criteria	Self-management standard	Performance for FY2011		
					Ave	Max	Measurement frequency
Soot and dust (g/Nm <sup>3</sup> )	Boiler B-1-1 in No.2 machine room	0.3	—	0.2	0.001	0.001	Twice/year
	Boiler B-1-2 in No.2 machine room	0.3	—	0.2	0.001	0.001	Twice/year
NO <sub>x</sub> (ppm)	Boiler B-1-1 in No.2 machine room	180	—	150	83	85	Twice/year
	Boiler B-1-2 in No.2 machine room	260	—	150	63	64	Twice/year
SO <sub>x</sub> (Nm <sup>3</sup> /h)	Boiler B-1-1 in No.2 machine room	1.5	—	1	<1	<1	Twice/year
	Boiler B-1-2 in No.2 machine room	1.3	—	1	<1	<1	Twice/year

### Air emission: total impact (units: tons)

Items	Total emission	
	FY 2010	FY 2011
NO <sub>x</sub>	2.06	1.92
SO <sub>x</sub>	0.04	0.02

### Water quality

(units: mg/ℓ)

Items	Legal standard	Internal criteria	Self-management standard	Performance for FY2011		
				Ave	Max	Measurement frequency
N/A						

### Water pollution: total impact (units: tons)

Items	Total emission	
	FY 2010	FY 2011
N/A		

### Bad odors

No incidents exceeded standards.

### Noise and vibration

No incidents exceeded standards.

### PRTR substances

(units: tons)

Number	Substance	Handled amounts	Releases			Transfers to		Other amounts		
			Air	Water	Soil	Waste	Sewage	Recycled	Consumption	Removed by process
80	xylene	5.5	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0
	Target chemical substances total	5.5	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0