

Kyocera Group Site Information

Kyocera Mita Corporation Hirakata Plant



Profile

Location	1-38-12 Tsudakitamachi, Hirakata-shi, Osaka
Products manufactured	Multifunction peripherals, supplies
Number of employees	348
Land area	46,018m ²
Total floor space	60,304m ²

Environmental Performance

Items	Units	FY 2008		FY 2009	
		Amount	Specific consumption	Amount	Specific consumption
Electricity	kWh	17,365,952	602	15,264,447	998
Fuel (natural gas)	kℓ (crude-oil based)	346	0.012	267	0.017
CO ₂	t-CO ₂	5,307	0.18	5,695	0.37
Water	m ³	89,533	3.10	53,028	3.47
Industrial waste emissions	kg	487,150	16.88	356,441	23.31
Effluent	m ³	75,152	2.60	42,354	2.77

Comments

Electricity and fuel consumption per net sales were got worse by delaying the production line stop and increasing air conditioner usage. The gross amount of industrial waste discharge was reduced, but it per net sales (kg / million Yen) was got worse. The gross amount of water consumption was reduced by implementing a measure for overflow water, but it per net sales was got worse by production decrease.

Air related

Items	Facility	Legal standard	Internal criteria	Self-management standard	Performance for FY2009		
					Ave	Max	Measurement frequency
Soot and dust (g/Nm ³)	Gas boiler No. 1	0.05	—	0.007	0.0018	0.0018	Once/every 5 years
	Gas boiler No. 2	0.05	—	0.010	0.0012	0.0012	Once/every 5 years
	Gas water cooler and heater AR-1	0.05	—	0.010	0.0065	0.0065	Once/every 5 years
	Gas water cooler and heater AR-2	0.05	—	0.005	0.0037	0.0037	Once/every 5 years
NOx (ppm)	Gas boiler No. 1	150	—	40	11.5	13.0	Twice/year
	Gas boiler No. 2	150	—	35	9.5	12.0	Twice/year
	Gas water cooler and heater AR-1	150	—	38	26.0	29.0	Twice/year
	Gas water cooler and heater AR-2	150	—	25	21.0	24.0	Twice/year
SOx (Nm ³ /h)	N/A	—	—	—	—	—	—

Air emission: total impact (units: tons)

Items	Total emission	
	FY 2008	FY 2009
NOx	0.25	0.22
SOx	0	0

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 FY2009		
				Ave	Max	Measurement frequency
Hydrogen ion concentration (pH)	5.8~8.6	—	6.6~8.0	7.2	7.7	Once/month
Biochemical oxygen demand (BOD)	35	—	17	12.3	22.0	Once/month
Chemical oxygen demand (COD)	35	—	11	8.2	16.2	Once/month
Suspended solid (SS)	70	—	8	4.3	8.0	Once/month
N-hexane extracts weight	4	—	1.5	1.3	1.4	Once/month
Coliform group number (colonies/ mL)	3,000	—	1.0	1.4	11.0	Once/month

Water pollution: total impact (units: tons)

Items	Total emission	
	FY 2008	FY 2009
Chemical oxygen demand (COD)	0.43	0.35
Biochemical oxygen demand (BOD)	0.70	0.52
Nitrogen	—	—
Phosphorous	—	—

Comments

A part of item exceeded the self management standard, but it was corresponded immediately.

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